Cisco SD-Routing WAN AGG GETVPN Yang Commands

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WAN Aggregation GETVPN Yang Commands

These WAN aggregation commands are qualified to use with Cisco SD-Routing devices on Cisco SD-WAN Manager.

WAN Aggregation GETVPN GM5 yang commands

Configuration example for GM5

```
!
! Last configuration change at 11:20:19 IST Mon Nov 25 2024 by system
!
version 17.16
service timestamps debug datetime msec
service timestamps log datetime localtime
service password-encryption
service internal
service call-home
platform qfp utilization monitor load 80
platform ipreass threshold ipv4 1024
platform ipreass threshold ipv6 1024
platform hardware throughput crypto 10G
!
hostname gm2
!
boot-start-marker
boot system bootflash:c8000aep-universalk9.BLD_V1716_THROTTLE_LATEST_20241122_071016.SSA.bin
! Warning: Booting with bundle mode will be deprecated in the near future. Migration to
install mode is required.
boot-end-marker
!
!
vrf definition Mgmt-intf
 !
 address-family ipv4
 exit-address-family
 !
 address-family ipv6
 exit-address-family
!
vrf definition cust1
 rd 101:1
 !
 address-family ipv4
  route-target export 101:1
  route-target import 101:1
 exit-address-family
 !
 address-family ipv6
  route-target export 101:1
  route-target import 101:1
 exit-address-family
!
vrf definition cust10
 rd 110:1
 !
 address-family ipv4
  route-target export 110:1
  route-target import 110:1
 exit-address-family
 !
 address-family ipv6
  route-target export 110:1
  route-target import 110:1
 exit-address-family
!
vrf definition cust100
```

```
 rd 200:1
 !
 address-family ipv4
  route-target export 200:1
  route-target import 200:1
 exit-address-family
 !
 address-family ipv6
  route-target export 200:1
  route-target import 200:1
 exit-address-family
!
vrf definition cust11
 rd 111:1
 !
 address-family ipv4
  route-target export 111:1
  route-target import 111:1
 exit-address-family
 !
 address-family ipv6
  route-target export 111:1
  route-target import 111:1
 exit-address-family
!
vrf definition cust12
 rd 112:1
 !
 address-family ipv4
  route-target export 112:1
  route-target import 112:1
 exit-address-family
 !
 address-family ipv6
  route-target export 112:1
  route-target import 112:1
 exit-address-family
!
vrf definition cust13
 rd 113:1
 !
 address-family ipv4
  route-target export 113:1
  route-target import 113:1
 exit-address-family
 !
 address-family ipv6
  route-target export 113:1
  route-target import 113:1
 exit-address-family
!
vrf definition cust14
 rd 114:1
 !
 address-family ipv4
  route-target export 114:1
  route-target import 114:1
 exit-address-family
 !
 address-family ipv6
  route-target export 114:1
  route-target import 114:1
 exit-address-family
!
```

```
vrf definition cust15
 rd 115:1
 !
 address-family ipv4
  route-target export 115:1
  route-target import 115:1
 exit-address-family
 !
 address-family ipv6
  route-target export 115:1
  route-target import 115:1
 exit-address-family
!
vrf definition cust16
 rd 116:1
 !
 address-family ipv4
  route-target export 116:1
  route-target import 116:1
 exit-address-family
 !
 address-family ipv6
  route-target export 116:1
  route-target import 116:1
 exit-address-family
!
vrf definition cust17
 rd 117:1
 !
 address-family ipv4
  route-target export 117:1
  route-target import 117:1
 exit-address-family
 !
 address-family ipv6
  route-target export 117:1
  route-target import 117:1
 exit-address-family
!
vrf definition cust18
 rd 118:1
 !
 address-family ipv4
  route-target export 118:1
  route-target import 118:1
 exit-address-family
 !
 address-family ipv6
  route-target export 118:1
  route-target import 118:1
 exit-address-family
!
vrf definition cust19
 rd 119:1
 !
 address-family ipv4
  route-target export 119:1
  route-target import 119:1
 exit-address-family
 !
 address-family ipv6
  route-target export 119:1
  route-target import 119:1
 exit-address-family
```

```
!
vrf definition cust2
 rd 102:1
 !
 address-family ipv4
  route-target export 102:1
  route-target import 102:1
 exit-address-family
 !
 address-family ipv6
  route-target export 102:1
  route-target import 102:1
 exit-address-family
!
vrf definition cust20
 rd 120:1
 !
 address-family ipv4
  route-target export 120:1
  route-target import 120:1
 exit-address-family
 !
 address-family ipv6
  route-target export 120:1
  route-target import 120:1
 exit-address-family
!
vrf definition cust21
 rd 121:1
 !
 address-family ipv4
  route-target export 121:1
  route-target import 121:1
 exit-address-family
 !
 address-family ipv6
  route-target export 121:1
  route-target import 121:1
 exit-address-family
!
vrf definition cust22
 rd 122:1
 !
 address-family ipv4
  route-target export 122:1
  route-target import 122:1
 exit-address-family
 !
 address-family ipv6
  route-target export 122:1
  route-target import 122:1
 exit-address-family
!
vrf definition cust23
 rd 123:1
 !
 address-family ipv4
  route-target export 123:1
  route-target import 123:1
 exit-address-family
 !
 address-family ipv6
  route-target export 123:1
  route-target import 123:1
```

```
 exit-address-family
!
vrf definition cust24
 rd 124:1
 !
 address-family ipv4
  route-target export 124:1
  route-target import 124:1
 exit-address-family
 !
 address-family ipv6
  route-target export 124:1
  route-target import 124:1
 exit-address-family
!
vrf definition cust25
 rd 125:1
 !
 address-family ipv4
  route-target export 125:1
  route-target import 125:1
 exit-address-family
 !
 address-family ipv6
  route-target export 125:1
  route-target import 125:1
 exit-address-family
!
vrf definition cust26
 rd 126:1
 !
 address-family ipv4
  route-target export 126:1
  route-target import 126:1
 exit-address-family
 !
 address-family ipv6
  route-target export 126:1
  route-target import 126:1
 exit-address-family
!
vrf definition cust27
 rd 127:1
 !
 address-family ipv4
  route-target export 127:1
  route-target import 127:1
 exit-address-family
 !
 address-family ipv6
  route-target export 127:1
  route-target import 127:1
 exit-address-family
!
vrf definition cust28
 rd 128:1
 !
 address-family ipv4
  route-target export 128:1
  route-target import 128:1
 exit-address-family
 !
 address-family ipv6
  route-target export 128:1
```

```
  route-target import 128:1
 exit-address-family
!
vrf definition cust29
 rd 129:1
 !
 address-family ipv4
  route-target export 129:1
  route-target import 129:1
 exit-address-family
 !
 address-family ipv6
  route-target export 129:1
  route-target import 129:1
 exit-address-family
!
vrf definition cust3
 rd 103:1
 !
 address-family ipv4
  route-target export 103:1
  route-target import 103:1
 exit-address-family
 !
 address-family ipv6
  route-target export 103:1
  route-target import 103:1
 exit-address-family
!
vrf definition cust30
 rd 130:1
 !
 address-family ipv4
  route-target export 130:1
  route-target import 130:1
 exit-address-family
 !
 address-family ipv6
  route-target export 130:1
  route-target import 130:1
 exit-address-family
!
vrf definition cust31
 rd 131:1
 !
 address-family ipv4
  route-target export 131:1
  route-target import 131:1
 exit-address-family
 !
 address-family ipv6
  route-target export 131:1
  route-target import 131:1
 exit-address-family
!
vrf definition cust32
 rd 132:1
 !
 address-family ipv4
  route-target export 132:1
  route-target import 132:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 132:1
  route-target import 132:1
 exit-address-family
!
vrf definition cust33
 rd 133:1
 !
 address-family ipv4
  route-target export 133:1
  route-target import 133:1
 exit-address-family
 !
 address-family ipv6
  route-target export 133:1
  route-target import 133:1
 exit-address-family
!
vrf definition cust34
 rd 134:1
 !
 address-family ipv4
  route-target export 134:1
  route-target import 134:1
 exit-address-family
 !
 address-family ipv6
  route-target export 134:1
  route-target import 134:1
 exit-address-family
!
vrf definition cust35
 rd 135:1
 !
 address-family ipv4
  route-target export 135:1
  route-target import 135:1
 exit-address-family
 !
 address-family ipv6
  route-target export 135:1
  route-target import 135:1
 exit-address-family
!
vrf definition cust36
 rd 136:1
 !
 address-family ipv4
  route-target export 136:1
  route-target import 136:1
 exit-address-family
 !
 address-family ipv6
  route-target export 136:1
  route-target import 136:1
 exit-address-family
!
vrf definition cust37
 rd 137:1
 !
 address-family ipv4
  route-target export 137:1
  route-target import 137:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 137:1
  route-target import 137:1
 exit-address-family
!
vrf definition cust38
 rd 138:1
 !
 address-family ipv4
  route-target export 138:1
  route-target import 138:1
 exit-address-family
 !
 address-family ipv6
  route-target export 138:1
  route-target import 138:1
 exit-address-family
!
vrf definition cust39
 rd 139:1
 !
 address-family ipv4
  route-target export 139:1
  route-target import 139:1
 exit-address-family
 !
 address-family ipv6
  route-target export 139:1
  route-target import 139:1
 exit-address-family
!
vrf definition cust4
 rd 104:1
 !
 address-family ipv4
  route-target export 104:1
  route-target import 104:1
 exit-address-family
 !
 address-family ipv6
  route-target export 104:1
  route-target import 104:1
 exit-address-family
!
vrf definition cust40
 rd 140:1
 !
 address-family ipv4
  route-target export 140:1
  route-target import 140:1
 exit-address-family
 !
 address-family ipv6
  route-target export 140:1
  route-target import 140:1
 exit-address-family
!
vrf definition cust41
 rd 141:1
 !
 address-family ipv4
  route-target export 141:1
  route-target import 141:1
 exit-address-family
```

```
 !
 address-family ipv6
  route-target export 141:1
  route-target import 141:1
 exit-address-family
!
vrf definition cust42
 rd 142:1
 !
 address-family ipv4
  route-target export 142:1
  route-target import 142:1
 exit-address-family
 !
 address-family ipv6
  route-target export 142:1
  route-target import 142:1
 exit-address-family
!
vrf definition cust43
 rd 143:1
 !
 address-family ipv4
  route-target export 143:1
  route-target import 143:1
 exit-address-family
 !
 address-family ipv6
  route-target export 143:1
  route-target import 143:1
 exit-address-family
!
vrf definition cust44
 rd 144:1
 !
 address-family ipv4
  route-target export 144:1
  route-target import 144:1
 exit-address-family
 !
 address-family ipv6
  route-target export 144:1
  route-target import 144:1
 exit-address-family
!
vrf definition cust45
 rd 145:1
 !
 address-family ipv4
  route-target export 145:1
  route-target import 145:1
 exit-address-family
 !
 address-family ipv6
  route-target export 145:1
  route-target import 145:1
 exit-address-family
!
vrf definition cust46
 rd 146:1
 !
 address-family ipv4
  route-target export 146:1
  route-target import 146:1
```

```
 exit-address-family
 !
 address-family ipv6
  route-target export 146:1
  route-target import 146:1
 exit-address-family
!
vrf definition cust47
 rd 147:1
 !
 address-family ipv4
  route-target export 147:1
  route-target import 147:1
 exit-address-family
 !
 address-family ipv6
  route-target export 147:1
  route-target import 147:1
 exit-address-family
!
vrf definition cust48
 rd 148:1
 !
 address-family ipv4
  route-target export 148:1
  route-target import 148:1
 exit-address-family
 !
 address-family ipv6
  route-target export 148:1
  route-target import 148:1
 exit-address-family
!
vrf definition cust49
 rd 149:1
 !
 address-family ipv4
  route-target export 149:1
  route-target import 149:1
 exit-address-family
 !
 address-family ipv6
  route-target export 149:1
  route-target import 149:1
 exit-address-family
!
vrf definition cust5
 rd 105:1
 !
 address-family ipv4
  route-target export 105:1
  route-target import 105:1
 exit-address-family
 !
 address-family ipv6
  route-target export 105:1
  route-target import 105:1
 exit-address-family
!
vrf definition cust50
 rd 150:1
 !
 address-family ipv4
  route-target export 150:1
```

```
  route-target import 150:1
 exit-address-family
 !
 address-family ipv6
  route-target export 150:1
  route-target import 150:1
 exit-address-family
!
vrf definition cust51
 rd 151:1
 !
 address-family ipv4
  route-target export 151:1
  route-target import 151:1
 exit-address-family
 !
 address-family ipv6
  route-target export 151:1
  route-target import 151:1
 exit-address-family
!
vrf definition cust52
 rd 152:1
 !
 address-family ipv4
  route-target export 152:1
  route-target import 152:1
 exit-address-family
 !
 address-family ipv6
  route-target export 152:1
  route-target import 152:1
 exit-address-family
!
vrf definition cust53
 rd 153:1
 !
 address-family ipv4
  route-target export 153:1
  route-target import 153:1
 exit-address-family
 !
 address-family ipv6
  route-target export 153:1
  route-target import 153:1
 exit-address-family
!
vrf definition cust54
 rd 154:1
 !
 address-family ipv4
  route-target export 154:1
  route-target import 154:1
 exit-address-family
 !
 address-family ipv6
  route-target export 154:1
  route-target import 154:1
 exit-address-family
!
vrf definition cust55
 rd 155:1
 !
 address-family ipv4
```

```
  route-target export 155:1
  route-target import 155:1
 exit-address-family
 !
 address-family ipv6
  route-target export 155:1
  route-target import 155:1
 exit-address-family
!
vrf definition cust56
 rd 156:1
 !
 address-family ipv4
  route-target export 156:1
  route-target import 156:1
 exit-address-family
 !
 address-family ipv6
  route-target export 156:1
  route-target import 156:1
 exit-address-family
!
vrf definition cust57
 rd 157:1
 !
 address-family ipv4
  route-target export 157:1
  route-target import 157:1
 exit-address-family
 !
 address-family ipv6
  route-target export 157:1
  route-target import 157:1
 exit-address-family
!
vrf definition cust58
 rd 158:1
 !
 address-family ipv4
  route-target export 158:1
  route-target import 158:1
 exit-address-family
 !
 address-family ipv6
  route-target export 158:1
  route-target import 158:1
 exit-address-family
!
vrf definition cust59
 rd 159:1
 !
 address-family ipv4
  route-target export 159:1
  route-target import 159:1
 exit-address-family
 !
 address-family ipv6
  route-target export 159:1
  route-target import 159:1
 exit-address-family
!
vrf definition cust6
 rd 106:1
 !
```

```
 address-family ipv4
  route-target export 106:1
  route-target import 106:1
 exit-address-family
 !
 address-family ipv6
  route-target export 106:1
  route-target import 106:1
 exit-address-family
!
vrf definition cust60
 rd 160:1
 !
 address-family ipv4
  route-target export 160:1
  route-target import 160:1
 exit-address-family
 !
 address-family ipv6
  route-target export 160:1
  route-target import 160:1
 exit-address-family
!
vrf definition cust61
 rd 161:1
 !
 address-family ipv4
  route-target export 161:1
  route-target import 161:1
 exit-address-family
 !
 address-family ipv6
  route-target export 161:1
  route-target import 161:1
 exit-address-family
!
vrf definition cust62
 rd 162:1
 !
 address-family ipv4
  route-target export 162:1
  route-target import 162:1
 exit-address-family
 !
 address-family ipv6
  route-target export 162:1
  route-target import 162:1
 exit-address-family
!
vrf definition cust63
 rd 163:1
 !
 address-family ipv4
  route-target export 163:1
  route-target import 163:1
 exit-address-family
 !
 address-family ipv6
  route-target export 163:1
  route-target import 163:1
 exit-address-family
!
vrf definition cust64
 rd 164:1
```

```
 !
 address-family ipv4
  route-target export 164:1
  route-target import 164:1
 exit-address-family
 !
 address-family ipv6
  route-target export 164:1
  route-target import 164:1
 exit-address-family
!
vrf definition cust65
 rd 165:1
 !
 address-family ipv4
  route-target export 165:1
  route-target import 165:1
 exit-address-family
 !
 address-family ipv6
  route-target export 165:1
  route-target import 165:1
 exit-address-family
!
vrf definition cust66
 rd 166:1
 !
 address-family ipv4
  route-target export 166:1
  route-target import 166:1
 exit-address-family
 !
 address-family ipv6
  route-target export 166:1
  route-target import 166:1
 exit-address-family
!
vrf definition cust67
 rd 167:1
 !
 address-family ipv4
  route-target export 167:1
  route-target import 167:1
 exit-address-family
 !
 address-family ipv6
  route-target export 167:1
  route-target import 167:1
 exit-address-family
!
vrf definition cust68
 rd 168:1
 !
 address-family ipv4
  route-target export 168:1
  route-target import 168:1
 exit-address-family
 !
 address-family ipv6
  route-target export 168:1
  route-target import 168:1
 exit-address-family
!
vrf definition cust69
```

```
 rd 169:1
 !
 address-family ipv4
  route-target export 169:1
  route-target import 169:1
 exit-address-family
 !
 address-family ipv6
  route-target export 169:1
  route-target import 169:1
 exit-address-family
!
vrf definition cust7
 rd 107:1
 !
 address-family ipv4
  route-target export 107:1
  route-target import 107:1
 exit-address-family
 !
 address-family ipv6
  route-target export 107:1
  route-target import 107:1
 exit-address-family
!
vrf definition cust70
 rd 170:1
 !
 address-family ipv4
  route-target export 170:1
  route-target import 170:1
 exit-address-family
 !
 address-family ipv6
  route-target export 170:1
  route-target import 170:1
 exit-address-family
!
vrf definition cust71
 rd 171:1
 !
 address-family ipv4
  route-target export 171:1
  route-target import 171:1
 exit-address-family
 !
 address-family ipv6
  route-target export 171:1
  route-target import 171:1
 exit-address-family
!
vrf definition cust72
 rd 172:1
 !
 address-family ipv4
  route-target export 172:1
  route-target import 172:1
 exit-address-family
 !
 address-family ipv6
  route-target export 172:1
  route-target import 172:1
 exit-address-family
!
```

```
vrf definition cust73
 rd 173:1
 !
 address-family ipv4
  route-target export 173:1
  route-target import 173:1
 exit-address-family
 !
 address-family ipv6
  route-target export 173:1
  route-target import 173:1
 exit-address-family
!
vrf definition cust74
 rd 174:1
 !
 address-family ipv4
  route-target export 174:1
  route-target import 174:1
 exit-address-family
 !
 address-family ipv6
  route-target export 174:1
  route-target import 174:1
 exit-address-family
!
vrf definition cust75
 rd 175:1
 !
 address-family ipv4
  route-target export 175:1
  route-target import 175:1
 exit-address-family
 !
 address-family ipv6
  route-target export 175:1
  route-target import 175:1
 exit-address-family
!
vrf definition cust76
 rd 176:1
 !
 address-family ipv4
  route-target export 176:1
  route-target import 176:1
 exit-address-family
 !
 address-family ipv6
  route-target export 176:1
  route-target import 176:1
 exit-address-family
!
vrf definition cust77
 rd 177:1
 !
 address-family ipv4
  route-target export 177:1
  route-target import 177:1
 exit-address-family
 !
 address-family ipv6
  route-target export 177:1
  route-target import 177:1
 exit-address-family
```

```
!
vrf definition cust78
 rd 178:1
 !
 address-family ipv4
  route-target export 178:1
  route-target import 178:1
 exit-address-family
 !
 address-family ipv6
  route-target export 178:1
  route-target import 178:1
 exit-address-family
!
vrf definition cust79
 rd 179:1
 !
 address-family ipv4
  route-target export 179:1
  route-target import 179:1
 exit-address-family
 !
 address-family ipv6
  route-target export 179:1
  route-target import 179:1
 exit-address-family
!
vrf definition cust8
 rd 108:1
 !
 address-family ipv4
  route-target export 108:1
  route-target import 108:1
 exit-address-family
 !
 address-family ipv6
  route-target export 108:1
  route-target import 108:1
 exit-address-family
!
vrf definition cust80
 rd 180:1
 !
 address-family ipv4
  route-target export 180:1
  route-target import 180:1
 exit-address-family
 !
 address-family ipv6
  route-target export 180:1
  route-target import 180:1
 exit-address-family
!
vrf definition cust81
 rd 181:1
 !
 address-family ipv4
  route-target export 181:1
  route-target import 181:1
 exit-address-family
 !
 address-family ipv6
  route-target export 181:1
  route-target import 181:1
```

```
 exit-address-family
!
vrf definition cust82
 rd 182:1
 !
 address-family ipv4
  route-target export 182:1
  route-target import 182:1
 exit-address-family
 !
 address-family ipv6
  route-target export 182:1
  route-target import 182:1
 exit-address-family
!
vrf definition cust83
 rd 183:1
 !
 address-family ipv4
  route-target export 183:1
  route-target import 183:1
 exit-address-family
 !
 address-family ipv6
  route-target export 183:1
  route-target import 183:1
 exit-address-family
!
vrf definition cust84
 rd 184:1
 !
 address-family ipv4
  route-target export 184:1
  route-target import 184:1
 exit-address-family
 !
 address-family ipv6
  route-target export 184:1
  route-target import 184:1
 exit-address-family
!
vrf definition cust85
 rd 185:1
 !
 address-family ipv4
  route-target export 185:1
  route-target import 185:1
 exit-address-family
 !
 address-family ipv6
  route-target export 185:1
  route-target import 185:1
 exit-address-family
!
vrf definition cust86
 rd 186:1
 !
 address-family ipv4
  route-target export 186:1
  route-target import 186:1
 exit-address-family
 !
 address-family ipv6
  route-target export 186:1
```

```
  route-target import 186:1
 exit-address-family
!
vrf definition cust87
 rd 187:1
 !
 address-family ipv4
  route-target export 187:1
  route-target import 187:1
 exit-address-family
 !
 address-family ipv6
  route-target export 187:1
  route-target import 187:1
 exit-address-family
!
vrf definition cust88
 rd 188:1
 !
 address-family ipv4
  route-target export 188:1
  route-target import 188:1
 exit-address-family
 !
 address-family ipv6
  route-target export 188:1
  route-target import 188:1
 exit-address-family
!
vrf definition cust89
 rd 189:1
 !
 address-family ipv4
  route-target export 189:1
  route-target import 189:1
 exit-address-family
 !
 address-family ipv6
  route-target export 189:1
  route-target import 189:1
 exit-address-family
!
vrf definition cust9
 rd 109:1
 !
 address-family ipv4
  route-target export 109:1
  route-target import 109:1
 exit-address-family
 !
 address-family ipv6
  route-target export 109:1
  route-target import 109:1
 exit-address-family
!
vrf definition cust90
 rd 190:1
 !
 address-family ipv4
  route-target export 190:1
  route-target import 190:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 190:1
  route-target import 190:1
 exit-address-family
!
vrf definition cust91
 rd 191:1
 !
 address-family ipv4
  route-target export 191:1
  route-target import 191:1
 exit-address-family
 !
 address-family ipv6
  route-target export 191:1
  route-target import 191:1
 exit-address-family
!
vrf definition cust92
 rd 192:1
 !
 address-family ipv4
  route-target export 192:1
  route-target import 192:1
 exit-address-family
 !
 address-family ipv6
  route-target export 192:1
  route-target import 192:1
 exit-address-family
!
vrf definition cust93
 rd 193:1
 !
 address-family ipv4
  route-target export 193:1
  route-target import 193:1
 exit-address-family
 !
 address-family ipv6
  route-target export 193:1
  route-target import 193:1
 exit-address-family
!
vrf definition cust94
 rd 194:1
 !
 address-family ipv4
  route-target export 194:1
  route-target import 194:1
 exit-address-family
 !
 address-family ipv6
  route-target export 194:1
  route-target import 194:1
 exit-address-family
!
vrf definition cust95
 rd 195:1
 !
 address-family ipv4
  route-target export 195:1
  route-target import 195:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 195:1
  route-target import 195:1
 exit-address-family
!
vrf definition cust96
 rd 196:1
 !
 address-family ipv4
  route-target export 196:1
  route-target import 196:1
 exit-address-family
 !
 address-family ipv6
  route-target export 196:1
  route-target import 196:1
 exit-address-family
!
vrf definition cust97
 rd 197:1
 !
 address-family ipv4
  route-target export 197:1
  route-target import 197:1
 exit-address-family
 !
 address-family ipv6
  route-target export 197:1
  route-target import 197:1
 exit-address-family
!
vrf definition cust98
 rd 198:1
 !
 address-family ipv4
  route-target export 198:1
  route-target import 198:1
 exit-address-family
 !
 address-family ipv6
  route-target export 198:1
  route-target import 198:1
 exit-address-family
!
vrf definition cust99
 rd 199:1
 !
 address-family ipv4
  route-target export 199:1
  route-target import 199:1
 exit-address-family
 !
 address-family ipv6
  route-target export 199:1
  route-target import 199:1
 exit-address-family
!
logging count
logging queue-limit 10000
logging buffered 2147483647
aaa new-model
!
!
aaa group server tacacs+ mgmt
```

```
 server-private 10.104.45.220 key 7 021201481F0F01261D1C5A
 server-private 9.45.47.245
 ip vrf forwarding Mgmt-intf
 ip tacacs source-interface GigabitEthernet0
!
aaa authentication login default local
aaa authentication enable default enable
aaa authorization console
aaa authorization exec default local
!
!
aaa session-id common
clock timezone IST 5 30
!
!
subscriber service multiple-accept
subscriber templating
subscriber session auto-service-fail-ignore
!
ip multicast-routing distributed
ip multicast-routing vrf cust1 distributed
ip host vbond1 70.70.70.125
ip domain lookup source-interface TenGigabitEthernet0/0/5
ip domain name cisco.com
ip domain name vrf Mgmt-intf cisco.com
!
!
!
!
!
!
!
!
!
!
login on-success log
!
!
!
!
!
ipv6 source-route
ipv6 nd cache expire refresh
ipv6 unicast-routing
no ipv6 multicast vrf Mgmt-intf multipath
no ipv6 multicast vrf cust1 multipath
no ipv6 multicast vrf cust10 multipath
no ipv6 multicast vrf cust100 multipath
no ipv6 multicast vrf cust11 multipath
no ipv6 multicast vrf cust12 multipath
no ipv6 multicast vrf cust13 multipath
no ipv6 multicast vrf cust14 multipath
no ipv6 multicast vrf cust15 multipath
no ipv6 multicast vrf cust16 multipath
no ipv6 multicast vrf cust17 multipath
no ipv6 multicast vrf cust18 multipath
no ipv6 multicast vrf cust19 multipath
no ipv6 multicast vrf cust2 multipath
no ipv6 multicast vrf cust20 multipath
no ipv6 multicast vrf cust21 multipath
no ipv6 multicast vrf cust22 multipath
no ipv6 multicast vrf cust23 multipath
no ipv6 multicast vrf cust24 multipath
```

```
no ipv6 multicast vrf cust25 multipath
no ipv6 multicast vrf cust26 multipath
no ipv6 multicast vrf cust27 multipath
no ipv6 multicast vrf cust28 multipath
no ipv6 multicast vrf cust29 multipath
no ipv6 multicast vrf cust3 multipath
no ipv6 multicast vrf cust30 multipath
no ipv6 multicast vrf cust31 multipath
no ipv6 multicast vrf cust32 multipath
no ipv6 multicast vrf cust33 multipath
no ipv6 multicast vrf cust34 multipath
no ipv6 multicast vrf cust35 multipath
no ipv6 multicast vrf cust36 multipath
no ipv6 multicast vrf cust37 multipath
no ipv6 multicast vrf cust38 multipath
no ipv6 multicast vrf cust39 multipath
no ipv6 multicast vrf cust4 multipath
no ipv6 multicast vrf cust40 multipath
no ipv6 multicast vrf cust41 multipath
no ipv6 multicast vrf cust42 multipath
no ipv6 multicast vrf cust43 multipath
no ipv6 multicast vrf cust44 multipath
no ipv6 multicast vrf cust45 multipath
no ipv6 multicast vrf cust46 multipath
no ipv6 multicast vrf cust47 multipath
no ipv6 multicast vrf cust48 multipath
no ipv6 multicast vrf cust49 multipath
no ipv6 multicast vrf cust5 multipath
no ipv6 multicast vrf cust50 multipath
no ipv6 multicast vrf cust51 multipath
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no ipv6 multicast vrf cust54 multipath
no ipv6 multicast vrf cust55 multipath
no ipv6 multicast vrf cust56 multipath
no ipv6 multicast vrf cust57 multipath
no ipv6 multicast vrf cust58 multipath
no ipv6 multicast vrf cust59 multipath
no ipv6 multicast vrf cust6 multipath
no ipv6 multicast vrf cust60 multipath
no ipv6 multicast vrf cust61 multipath
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no ipv6 multicast vrf cust66 multipath
no ipv6 multicast vrf cust67 multipath
no ipv6 multicast vrf cust68 multipath
no ipv6 multicast vrf cust69 multipath
no ipv6 multicast vrf cust7 multipath
no ipv6 multicast vrf cust70 multipath
no ipv6 multicast vrf cust71 multipath
no ipv6 multicast vrf cust72 multipath
no ipv6 multicast vrf cust73 multipath
no ipv6 multicast vrf cust74 multipath
no ipv6 multicast vrf cust75 multipath
no ipv6 multicast vrf cust76 multipath
no ipv6 multicast vrf cust77 multipath
no ipv6 multicast vrf cust78 multipath
no ipv6 multicast vrf cust79 multipath
no ipv6 multicast vrf cust8 multipath
no ipv6 multicast vrf cust80 multipath
no ipv6 multicast vrf cust81 multipath
no ipv6 multicast vrf cust82 multipath
```

```
no ipv6 multicast vrf cust83 multipath
no ipv6 multicast vrf cust84 multipath
no ipv6 multicast vrf cust85 multipath
no ipv6 multicast vrf cust86 multipath
no ipv6 multicast vrf cust87 multipath
no ipv6 multicast vrf cust88 multipath
no ipv6 multicast vrf cust89 multipath
no ipv6 multicast vrf cust9 multipath
no ipv6 multicast vrf cust90 multipath
no ipv6 multicast vrf cust91 multipath
no ipv6 multicast vrf cust92 multipath
no ipv6 multicast vrf cust93 multipath
no ipv6 multicast vrf cust94 multipath
no ipv6 multicast vrf cust95 multipath
no ipv6 multicast vrf cust96 multipath
no ipv6 multicast vrf cust97 multipath
no ipv6 multicast vrf cust98 multipath
no ipv6 multicast vrf cust99 multipath
!
!
!
!
!
!
avc sd-service
 segment cisco
 controller
  address 192.168.14.5
  source-interface TenGigabitEthernet0/0/1.1
 !
!
!
flow record FNF-record
 match application name account-on-resolution
 match flow cts destination group-tag
 match flow cts source group-tag
 match flow direction
 match flow sampler
 match interface input
 match interface output
 match ipv4 destination address
 match ipv4 protocol
 match ipv4 source address
 match ipv4 tos
 match ipv4 version
 match routing vrf input
 match transport destination-port
 match transport source-port
 collect counter bytes
 collect counter packets
 collect ipv4 dscp
 collect ipv4 ttl maximum
 collect ipv4 ttl minimum
 collect routing next-hop address ipv4
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
 collect transport tcp flags
!
!
flow record FNF-record-IPv6
 match flow cts destination group-tag
 match flow cts source group-tag
 match flow direction
 match flow sampler
```

```
 match interface input
 match ipv6 destination address
 match ipv6 protocol
 match ipv6 source address
 match ipv6 traffic-class
 match routing vrf input
 match transport destination-port
 match transport source-port
 collect counter bytes
 collect counter packets
 collect interface output
 collect transport tcp flags
!
!
flow exporter 10.104.45.124
 destination 10.104.45.124
!
!
flow exporter EXPORTER-1
 destination 10.104.45.174
 dscp 48
 transport udp 9995
 template data timeout 60
!
!
flow monitor FNF-IPv6
 exporter EXPORTER-1
 cache timeout active 60
 cache timeout update 60
 statistics packet size
 record FNF-record-IPv6
!
!
flow monitor FNF-monitor
 exporter EXPORTER-1
 cache timeout active 60
 statistics packet size
 record FNF-record
!
!
!
crypto pki trustpoint TP-self-signed-3958677358
 enrollment selfsigned
 subject-name cn=IOS-Self-Signed-Certificate-3958677358
 revocation-check none
 rsakeypair TP-self-signed-3958677358
 hash sha256
!
crypto pki trustpoint DNAC-CA
 enrollment mode ra
 enrollment terminal
 usage ssl-client
 revocation-check crl none
 source interface GigabitEthernet0
 hash sha256
!
crypto pki trustpoint SLA-TrustPoint
 enrollment terminal
 revocation-check crl
 hash sha256
!
crypto pki trustpoint CA_SERVER
 enrollment url http://11.3.6.10:80
 serial-number
```

```
 subject-name cn=cisco1.cisco.com
 subject-alt-name cisco1.cisco.com
 vrf Mgmt-intf
 revocation-check crl
 rsakeypair cisco3key 4096
 hash sha256
!
!
crypto pki certificate chain TP-self-signed-3958677358
 certificate self-signed 01
  30820330 30820218 A0030201 02020101 300D0609 2A864886 F70D0101 05050030
  31312F30 2D060355 04031326 494F532D 53656C66 2D536967 6E65642D 43657274
  69666963 6174652D 33393538 36373733 3538301E 170D3139 31313232 31363037
  31335A17 0D333030 31303130 30303030 305A3031 312F302D 06035504 03132649
  4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D33 39353836
  37373335 38308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201
  0A028201 0100E329 DCEEE75F A249BDD8 50FDD095 AF3F3C1C 02481D82 7618CF61
  96966869 7297E254 443C6345 7852CB86 07B02A57 58D7603A 0CAFE7AA DC587FBE
  FF4BDB8C E133F4E0 47EF1147 4C1D01A0 DEF406CD 68E015E7 1AB30B41 C2E86A93
  366BD348 0C964B4A 4BD12777 C48CFD60 1EDADAAF D1429DF3 3617978F E69DDCF4
  DCAB0E7E 893B4452 2752D68C 56CCDF3E 1EC6E25D 5644FA71 A501BE4D 01C26F4B
  8EFEAFC0 A4D70B1F 34632914 B710C52D 7D0B41FC 4DB2CD2C 2743A7D6 DBEDE0E5
  1188736C FDEB3772 3BF8810C 147EDCF1 F9A7C078 E2854467 B36100A1 B6FC6262
  55EA4FC5 9456F01C 5CAEAB43 32D69594 327F3245 54F2FEE5 86C7FCF6 65B0E807
  7F3D3DF7 215F0203 010001A3 53305130 0F060355 1D130101 FF040530 030101FF
  301F0603 551D2304 18301680 143723B2 468EB971 0DAFAEA4 FF8AAA01 5538EC95
  76301D06 03551D0E 04160414 3723B246 8EB9710D AFAEA4FF 8AAA0155 38EC9576
  300D0609 2A864886 F70D0101 05050003 82010100 B7A83D33 5E89782C 098D7966
  093A2E8A 1117F1B8 4E4DACA9 2F7A452E A22FEF7F BFC0B086 4C07F4C4 13E6E08B
  9C58F7C0 531CBEE2 2BBBC454 BF4164D6 FE20F6A7 C58A56C0 24BF32E8 A61D7182
  F221CFC4 AECB4375 0898CFAB ABEC44F2 5182993D 195B7F9D 4D7EE97F A976BCAE
  53E3453E 27CBBF32 67F457C1 E1ADB2EC 74B438DA A2A0378D DA7EFD23 5300DD07
  8351A0DA A19E2DA6 056FAFE0 5F0EA2EC DAAD96FF 0D6FBB0A E586E112 2E798820
  6EDD35C8 10F31BB1 856616BE 6F36AE90 5CFE3D4E 9A07873D B27E3ADE 9D497C49
  A11483A8 27B5C611 B5F58924 0F243196 E21C9814 A9D52812 7998D095 A352A3BF
  CF3B8575 8E5A4B0A EA89EB72 C805161B AC3B4434
   quit
crypto pki certificate chain DNAC-CA
 certificate ca 008CEBC5998CCC0723
  30820397 3082027F A0030201 02020900 8CEBC599 8CCC0723 300D0609 2A864886
  F70D0101 0B050030 62312D30 2B060355 04030C24 34333766 31353464 2D303934
  342D3461 34362D35 3732612D 36636231 31386335 62346636 31163014 06035504
  0A0C0D43 6973636F 20537973 74656D73 31193017 06035504 0B0C1043 6973636F
  20444E41 2043656E 74657230 1E170D32 30303131 37303732 3033375A 170D3232
  31303133 30373230 33375A30 62312D30 2B060355 04030C24 34333766 31353464
  2D303934 342D3461 34362D35 3732612D 36636231 31386335 62346636 31163014
  06035504 0A0C0D43 6973636F 20537973 74656D73 31193017 06035504 0B0C1043
  6973636F 20444E41 2043656E 74657230 82012230 0D06092A 864886F7 0D010101
  05000382 010F0030 82010A02 82010100 B74CDD87 D751371A E41C1DF9 07C979F7
  E2DA6699 B888FB7C CDD978FA E2930DD1 F468CE62 0A32D3FC 3146F05D 4F51F454
  26F6F44A C20C56EC A1A47A4C 28888223 B9B6C8A8 4BB6AE38 FBD40781 D3688288
  2A783031 BA3C3CC1 528D1308 66B4FB8B 22D7D4C2 BACE79B2 B04C0012 0A9D6EC5
  697B59D6 43FED4E5 8E291257 0D4BD80F 802FE793 80BA5D5C 3DBBAC88 2A0A0CC8
  C4B0233C 9A516E11 42ABDFA3 8C75D528 486D1920 BB49DE9E CF6EDB6F A37EB2EB
  A95C6D11 2EB5CC16 234388E5 3F05511E 8669045F 9FA3A8A0 D86254D3 04A24F4F
  E8CA858F CECFB9AA 43195B29 068EB481 B205AC27 75E454D0 EEA3A69F 5E9B8FCD
  207ADF3F A060477D B3A8100B 3A167B31 02030100 01A35030 4E301D06 03551D0E
  04160414 E7DE527C 009CC91C D11F0CFD 6E700CBB A46605C7 301F0603 551D2304
  18301680 14E7DE52 7C009CC9 1CD11F0C FD6E700C BBA46605 C7300C06 03551D13
  04053003 0101FF30 0D06092A 864886F7 0D01010B 05000382 010100A9 E5BF546B
  0E1F12DB C5400362 C579EF0E A42B7D0A 9D2039FA DBC02363 B747327C E2187ECB
  16E1C54A 46A4A458 8B578EDF AAFEFF3F 3B9DE466 A3C49FA7 63A14AC4 2B681A7D
  3268F699 7022361C 388F1BCA 3A970437 2F4F5BDD 9BF8CE8E 3E8641C7 E8ED217F
  DD27A3B4 D1AD601C 15E6C3BB F686D81C 90B7ED5E 3CEFBB03 4A93C9D0 CB955958
```

```
  D2DF715E ECD659EA 32C2BDDF 241483E9 E1E499E5 1B8220FA 94411819 755F42F2
  540B7132 E18CCAFA 935FC88A 09A40AB3 8E1D3BE8 F2B98732 650855D1 FD4DAE8E
  792B96E7 24F8896D EE257A35 F32153EE 6643F4DA B73A8A94 A35C8585 36506732
  599249B2 00A5FECE CD09D355 A6EF2E63 26346355 C2EB967A 00D3E8
   quit
crypto pki certificate chain SLA-TrustPoint
 certificate ca 01
  3082031B 30820203 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  2F310E30 0C060355 040A1305 43697363 6F311D30 1B060355 04031314 4C696365
  6E73696E 6720526F 6F74202D 20444556 301E170D 31333034 32343231 35353433
  5A170D33 33303432 34323135 3534335A 302F310E 300C0603 55040A13 05436973
  636F311D 301B0603 55040313 144C6963 656E7369 6E672052 6F6F7420 2D204445
  56308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201 0A028201
  01009C56 7101D61E DF2EBCC3 BA7AE0DB B241B3B4 328A9B00 EB8A80D0 2AA86F5E
  F1AEBFDE B67BD6AD 7DAD7B43 F582753B FFCC1CA5 A7841A07 6934D3AF 99078EF6
  179196FA 4FB3F2ED 3942C756 BF1CA0A9 CC98A7A7 F9E43724 D9E61D47 89E9E792
  DD9F27B4 517C2BDE D0EB5B9A 787BA085 D9BBF003 F0563BE0 A4450C8F 127B5583
  3EBC1385 2D9BAD98 68D3AE07 5C27987C 6B814B99 0686B14A 5F61753C 813089E6
  AEC48C68 F6D45267 0E365F44 B4456E11 96DCB950 233C8ADB 9FEEBAF1 2B5F3BB6
  7CE521B5 F277EBF6 03B7B0A4 958C9C7D 5460C20B CF9CCFC7 14B80F58 B5268947
  6D081172 26916B41 FB07DF42 EB9B9408 EC346138 23FBD8C4 19909697 A30845F3
  01C50203 010001A3 42304030 0E060355 1D0F0101 FF040403 02010630 0F060355
  1D130101 FF040530 030101FF 301D0603 551D0E04 16041443 214521B5 FB217A1A
  4D1BB702 36E664CB EC8B6530 0D06092A 864886F7 0D01010B 05000382 01010085
  F1B1F2AE AE7D2F9C AB0351C3 29E3F1AE 982DF11F 5E3C90F6 00B3CDED 5A1491FB
  DF07E06C AA0F4325 9FB4C4AE 2080F675 8C3B7AC5 4EAAA03E C5B50A2F 670AFF87
  EDA6462F CFC43967 C024AB32 EE3CCDCF A04B9DAE 1BBABBDA C8DF5587 CF51CB1C
  005A282F 8B518A5A 8C6F9B3C AABA3446 32EF3A75 C2F45450 7A9BCFD3 0C8BE54A
  11872DE0 CF1200D0 D1018FD9 AC685968 167E421C 9BC394ED 9BC85463 83B28146
  07B2BDED DFC1605B 4D16007B 68723E25 55908512 4EEB0A70 B2A74C2A CB1EC882
  C3215B87 6FC74304 241E59D7 C7C02C6D BD3042F5 196E8133 7A4446A4 81216E70
  CF52CF22 50A7D23E FA9F6B07 FB0F6386 9DCC3BBC 65250693 38CF6BA6 CB8EFD
   quit
crypto pki certificate chain CA_SERVER
 certificate 0242
  30820467 3082034F A0030201 02020202 42300D06 092A8648 86F70D01 010B0500
  30323111 300F0603 55040B13 084D4143 53454344 54311D30 1B060355 04031314
  4341312E 6D616373 65632E63 6973636F 2E636F6D 301E170D 32343038 32383035
  35343231 5A170D32 35303832 38303535 3432315A 304D3119 30170603 55040313
  10636973 636F312E 63697363 6F2E636F 6D313030 12060355 0405130B 54544D32
  33313330 304A5630 1A06092A 864886F7 0D010902 160D676D 322E6369 73636F2E
  636F6D30 82022230 0D06092A 864886F7 0D010101 05000382 020F0030 82020A02
  82020100 C9674A57 8ADE3595 73354829 4777CEDA F074944F 312756A7 F4749D08
  F5BBD1FA 47CBD9DF 97E28FD7 98762DAD E90E7888 1122B0CE 55BE723E 987F2E15
  BDB6ED74 D8E4DEE5 D92281D2 931808D6 BC6588DA C25AF0D9 652C0EB2 1ACB9548
  56EAE80D 82B163BF B2DD154D 27D37547 E50FFF0F 6CE26950 748655E6 A09EEFBE
  41196584 BDCE88F0 78C39D3C 777C3508 70A01BAA 86205EA1 595B3CAA 87F4B40E
  A7EC341E B6C915DF 8A6F5685 FE34FA85 0C9E3563 FE7F8FEA DE83DD64 E8E654FE
  D1F566D2 371FF27A 32A82ECC 98058403 FC01A5C9 1073D7FF F3AD414C 9A9A1896
  A0F489DC 063517BC 9BF4994D 676FD187 1F09B8BB A37F0ABD CD561653 B5D2A73C
  5EA5F22D 5421A111 A79EB2B5 5C2F1A9F 481657F9 D285A0D0 277972AA EA214F02
  7DA0D1D5 BAD0B4D8 AEF6F828 18603221 B8D774F4 C4E981FC 6EF9EDAE E680246B
  0604D781 52462556 3787869E 27442FED 53ED9450 254BD02E D01CF8DC 2570DBEB
  3C5C33C8 F3A49AB7 652C3EE7 810DF4EA 40EF48E5 AB042567 B133BE8D 82668C60
  517D79C5 4923F264 E5FE7425 12F79C62 29E31C44 D2008E0C 41FD5838 E5BBB44C
  B63AE32E 19445EFF 94CC5061 7F4E4CD4 3E772174 2D6060EB 73B86E5B B09280E8
  93FEA318 9B9DFE3F 52643871 BCAE1636 E351F719 773746AF 8AD72866 8CBD4263
  D629870A 69136394 27F43F8E 8488ED1B 4F0C21BC C29675CF 5F511E34 DF39965F
  55AD4377 02030100 01A36C30 6A300B06 03551D0F 04040302 05A0301B 0603551D
  11041430 12821063 6973636F 312E6369 73636F2E 636F6D30 1F060355 1D230418
  30168014 4F17A63A 9E351FAD 25A7D273 6B49D4ED A07B3BD6 301D0603 551D0E04
  1604148D D4FCF754 F3B8F996 D1426AF1 BB40766D 3298C430 0D06092A 864886F7
  0D01010B 05000382 01010087 809081C2 80933E59 4C3C9E3C 751B1B58 F48F7813
  7F5C33AE 16D43D47 EC00D51D 04618E3C 652F7EB5 C5FBB41B BDEF5545 50A7ABED
```

```
  1A5F2F8D 8469ADCC 12A1DE53 BD9D4320 0B5AF8C6 D0127AA5 F29F209A 67478AE6
  A53146DB 47E95B1F 12E22945 AD049393 BAD22E57 0D2E0FBF 6552D65A 2BE80F5A
  CA8618F7 70682972 D53CC82C E7E0D138 84217A12 92253A7D BF135650 5D2472D7
  89E69C6A 4098B632 EBB738E3 10520E22 38FFE192 96B75B0C 6CF0CF13 0598B523
  51993990 96DCC3DE E2155BD6 F4C7832C 40894136 B1805362 F5969590 633F2F84
  27B97CBE B4263CA3 DD9D2C1B 09301326 41285B5F 8E9DFE67 18AF5256 2F2CEE71
  66E9990C B33A86AC B4293A
   quit
 certificate ca 01
  30820342 3082022A A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32311130 0F060355 040B1308 4D414353 45434454 311D301B 06035504 03131443
  41312E6D 61637365 632E6369 73636F2E 636F6D30 1E170D32 33313032 31303634
  3733355A 170D3236 31303230 30363437 33355A30 32311130 0F060355 040B1308
  4D414353 45434454 311D301B 06035504 03131443 41312E6D 61637365 632E6369
  73636F2E 636F6D30 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 8D0A804C 5DDA17D4 D900E751 18B8A7DC A250DAD3 B81E78F2
  D6143A51 590E8D9B 12D3CD2C 2C5E0552 D541486C 3E314319 A0053048 38EC0C19
  66983A6A 3D8FF654 611C61BA F9616B1F C86CC2EE 6DB2DCA5 048009F5 38972032
  F4A29685 989008E5 90E6FA05 86630E47 D05A6FB8 0EF7A243 2CD69ECE 21921403
  5126012D ECB211A5 561F732E 5355478C 33B325CD 63E625B9 5216308D A3EB96D8
  953872EE 1ED1AC8F 9904AF9D 46ECBBBA B4AC90E2 3BFFC0EA 48BF1FB4 35F84396
  88013F3D 5F0DFEC4 C4818BBF 7A64BF7B 61181CA7 3B19260C 5CB81EBD B1323E3D
  C01CA69F 1BAF7A6E E56CD8AB 0F4A4B25 06D4E0F3 4E117481 C6087831 CA4090E8
  B191244E 4B815433 02030100 01A36330 61300F06 03551D13 0101FF04 05300301
  01FF300E 0603551D 0F0101FF 04040302 0186301F 0603551D 23041830 1680144F
  17A63A9E 351FAD25 A7D2736B 49D4EDA0 7B3BD630 1D060355 1D0E0416 04144F17
  A63A9E35 1FAD25A7 D2736B49 D4EDA07B 3BD6300D 06092A86 4886F70D 01010B05
  00038201 01000239 E2CE1270 9DD72ADE 5D853D95 175EEFB1 E7B825F6 4A221236
  C6532B0A 5529415F 29DD05F0 44F76DEA B8EE9463 F047091B 1F9371D5 D39FC812
  2C0CDCDD 1504A4FF 1B609AA7 BD9C905F 5A66837B E6710395 374E77FC 5BA526E3
  A3A94ADA 01A3CA0C 05FD646E 74A5E420 ADA63049 690E6F34 6633EE7D 42423C43
  0ADD84D8 5981A14B 4CF30804 E6DE5154 FDDB44AE 02FA1975 D91505D3 E3C33172
  4A72A830 3E24AC4C BA842CC7 D240642A 1A58A666 18BDAC9B 2947778F 7CEAA09E
  16245BC7 AAAB62AC D41F8367 03E9A0A2 39377AF4 A97072A6 2C2F0077 8AF1B608
  52F45246 9F9485BC 342DA05A 1085A764 BBA5AE5B 7C46332C 6492889E 32619BDF
  EFE649E3 D443
   quit
!
crypto pki certificate pool
 ! ('certificate ca' cmd has been deprecated. Downloaded
 !  Trustpool certificates should be re-downloaded
 !  using 'crypro pki trustpool import url <url>')
!
!
!
!
!
!
!
!
!
!
performance monitor context non-fabric profile app-visibility
 exporter destination local-controller source Null0
 exporter destination 10.104.45.174 source Null0
 traffic-monitor app-visibility-stats interval-timeout 300
!
license udi pid C8500-12X sn TTM231300JV
license accept end user agreement
license boot level network-advantage
license smart url https://smartreceiver-stage.cisco.com/licservice/license
license smart url smart https://smartreceiver-stage.cisco.com/licservice/license
license smart transport smart
!
```

```
memory free low-watermark processor 683843
diagnostic bootup level minimal
!
spanning-tree extend system-id
!
!
enable password 7 <removed>
!
username lab privilege 15 password 7 <removed>
username admin privilege 15 secret 9
$9$PSlkFl7oqMoQBE$cpeqITQ6XgUkxXzR7dhCtqrXXGD/owBl/NRdvf6XZBo
username tester privilege 15 password 7 <removed>
!
redundancy
 mode none
!
!
!
crypto ikev2 proposal gikev2-proposal
 encryption aes-cbc-128
 integrity sha512
 group 19
!
crypto ikev2 policy gikev2-policy
 match fvrf any
 proposal gikev2-proposal
!
!
crypto ikev2 profile gikev2-profile
 match fvrf any
 match identity remote address 0.0.0.0
 authentication remote rsa-sig
 authentication local rsa-sig
 pki trustpoint CA_SERVER
 lifetime 600
!
crypto ikev2 profile get-gikev2
 match identity remote any
 authentication remote pre-share key cisco123
 authentication local pre-share key cisco123
 lifetime 120
!
crypto ikev2 profile default
 match fvrf any
 match identity remote any
 authentication remote rsa-sig
 authentication local rsa-sig
!
crypto ikev2 limit max-in-negotation-sa 1000
!
!
cdp run
!
!
track 200 ip sla 20 reachability
!
track 201 ip sla 30 reachability
!
track 205 ip sla 50 reachability
!
track 206 ip sla 51 reachability
!
track 207 ip sla 52 reachability
!
```

```
class-map match-any be
 match precedence 0
class-map match-any data1
 match precedence 3
class-map match-any data2
 match precedence 2
class-map match-any voice
 match precedence 5
class-map match-any net
 match precedence 7
 match precedence 6
!
policy-map bw600-out-1
 class net
  bandwidth percent 4
 class voice
  priority percent 10
 class data1
  bandwidth percent 40
 class data2
  bandwidth percent 20
 class be
  bandwidth percent 25
policy-map limit-bw600-out-1-8004-905
 class class-default
  shape average 9089300000 36357200 0
  service-policy bw600-out-1
policy-map QOS-00000-LIMIT_CUSTOMER_IN
 class data1
  police cir 9000000000 conform-action transmit  exceed-action transmit
 class class-default
  police cir 9000000000 conform-action transmit  exceed-action drop
!
!
!
crypto keyring cust1 vrf cust1
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
 pre-shared-key address 15.0.0.5 key cisco123
 pre-shared-key address 15.0.0.6 key cisco123
crypto keyring cust2 vrf cust2
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust3 vrf cust3
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust4 vrf cust4
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust5 vrf cust5
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust6 vrf cust6
 pre-shared-key address 15.0.0.1 key cisco123
```

```
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust7 vrf cust7
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust8 vrf cust8
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust9 vrf cust9
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust10 vrf cust10
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust11 vrf cust11
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust12 vrf cust12
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust13 vrf cust13
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust14 vrf cust14
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust15 vrf cust15
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust16 vrf cust16
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust17 vrf cust17
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust18 vrf cust18
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust19 vrf cust19
```

```
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust20 vrf cust20
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust21 vrf cust21
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust22 vrf cust22
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust23 vrf cust23
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust24 vrf cust24
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust25 vrf cust25
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust26 vrf cust26
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust27 vrf cust27
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust28 vrf cust28
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust29 vrf cust29
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust30 vrf cust30
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust31 vrf cust31
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
```

```
crypto keyring cust32 vrf cust32
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust33 vrf cust33
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust34 vrf cust34
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust35 vrf cust35
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust36 vrf cust36
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust37 vrf cust37
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust38 vrf cust38
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust39 vrf cust39
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust40 vrf cust40
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust41 vrf cust41
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust42 vrf cust42
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust43 vrf cust43
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust44 vrf cust44
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
```

```
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust45 vrf cust45
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust46 vrf cust46
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust47 vrf cust47
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust48 vrf cust48
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust49 vrf cust49
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust50 vrf cust50
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust51 vrf cust51
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust52 vrf cust52
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust53 vrf cust53
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust54 vrf cust54
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust55 vrf cust55
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust56 vrf cust56
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust57 vrf cust57
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
```

```
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust58 vrf cust58
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust59 vrf cust59
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust60 vrf cust60
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust61 vrf cust61
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust62 vrf cust62
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust63 vrf cust63
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust64 vrf cust64
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust65 vrf cust65
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust66 vrf cust66
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust67 vrf cust67
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust68 vrf cust68
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust69 vrf cust69
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust70 vrf cust70
 pre-shared-key address 15.0.0.1 key cisco123
```

```
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust71 vrf cust71
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust72 vrf cust72
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust73 vrf cust73
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust74 vrf cust74
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust75 vrf cust75
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust76 vrf cust76
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust77 vrf cust77
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust78 vrf cust78
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust79 vrf cust79
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust80 vrf cust80
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust81 vrf cust81
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust82 vrf cust82
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust83 vrf cust83
```

```
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust84 vrf cust84
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust85 vrf cust85
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust86 vrf cust86
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust87 vrf cust87
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust88 vrf cust88
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust89 vrf cust89
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust90 vrf cust90
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust91 vrf cust91
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust92 vrf cust92
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust93 vrf cust93
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust94 vrf cust94
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust95 vrf cust95
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
```

```
crypto keyring cust96 vrf cust96
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust97 vrf cust97
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust98 vrf cust98
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust99 vrf cust99
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust100 vrf cust100
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
!
!
!
!
!
crypto isakmp policy 10
 encryption aes 256
 hash sha
 group 14
!
crypto isakmp policy 20
 encryption aes 256
 hash sha
 group 14
 lifetime 60
crypto isakmp key cisco123 address 30.0.0.0
crypto isakmp key cisco123 address 0.0.0.0
crypto isakmp identity dn
!
crypto ipsec security-association replay disable
crypto ipsec security-association replay window-size 1024
!
!
!
crypto gkm group bw6000_gike
 identity number 1000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gkm group ipv6 bw600-IPV6_gike
 identity number 1100
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 client protocol gikev2 gikev2-profile
!
crypto gkm group GKM_GROUP_1
 identity number 1111
```

```
 server address ipv4 15.0.0.3
 client protocol gikev2 get-gikev2
!
crypto gkm group bw600
 identity number 600
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.2
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.4
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw6000
 identity number 6000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw600-IPV6
 identity number 6600
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 client fail-close revert
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw-suiteB
 identity number 2001
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.3
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw-suiteB-v6
 identity number 2002
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 client fail-close revert
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw6000_eft
 ! Incomplete GDOI Group Configuration
 ! No Group Identity Configured
 server address ipv4 15.0.0.3
!
crypto gdoi group ipv6 bw600-IPV6_eft
 ! Incomplete GDOI Group Configuration
 ! No Group Identity Configured
 ! No server type configured
!
!
crypto map ipv6 bw-suiteB-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 bw-suiteB-IPV6-map gdoi fail-close
 match address fc_revert_ipv6
 activate
crypto map ipv6 bw-suiteB-IPV6-map 10 gdoi
```

```
 set group bw-suiteB-v6
!
crypto map bw-suiteB-map 10 gdoi
 set group bw-suiteB
 match address fc_revert_ipv4
!
crypto map ipv6 getvpn-bw600-IPV6 gdoi fail-close
 match address fc_revert_ipv6
 activate
crypto map ipv6 getvpn-bw600-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 getvpn-bw600-IPV6_gike 10 gdoi
 set group bw600-IPV6_gike
!
crypto map getvpn-bw6000 gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map getvpn-bw6000 10 gdoi
 set group bw6000
!
crypto map getvpn-bw6000_gike 10 gdoi
 set group bw6000_gike
!
crypto map gikev2 10 gdoi
 set group bw600
 match address fc_revert_ipv4
!
crypto map suiteB-map gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map suiteB-map 10 gdoi
 set group bw-suiteB
!
!
buffers huge size 65535
!
!
!
!
!
!
interface Loopback111
 description this interface is for seamless upgrade only
 ip address <removed>
!
interface Loopback22334
 ip address <removed>
!
interface TenGigabitEthernet0/0/0
 no ip address
 load-interval 30
 shutdown
 no negotiation auto
!
interface TenGigabitEthernet0/0/0.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
 ip mtu 1492
 ip pim sparse-mode
 ip nbar protocol-discovery
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
```

```
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
```

```
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/0.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/0.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/0.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.39
```

```
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.48
 encapsulation dot1Q 49
```

```
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.57
 encapsulation dot1Q 58
 vrf forwarding cust57
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/0.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/0.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/0.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1
 mtu 5000
 no ip address
 load-interval 30
 no negotiation auto
!
interface TenGigabitEthernet0/0/1.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
 ip pim sparse-mode
 ip nbar protocol-discovery
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
```

```
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 ipv6 crypto map getvpn-bw600-IPV6
 crypto map getvpn-bw6000
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip address <removed>
 ip mtu 1492
```

```
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/1.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/1.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.48
```

```
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.57
 encapsulation dot1Q 58
```

```
 vrf forwarding cust57
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.66
 encapsulation dot1Q 67
 vrf forwarding cust66
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/1.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2
 mtu 5000
 no ip address
 load-interval 30
 no negotiation auto
!
interface TenGigabitEthernet0/0/2.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip pim sparse-mode
 ip nbar protocol-discovery
```

```
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
```

```
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/2.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/2.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.39
```

```
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.48
 encapsulation dot1Q 49
```

```
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.57
 encapsulation dot1Q 58
 vrf forwarding cust57
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/2.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/2.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/3
 no ip address
 no negotiation auto
!
interface TenGigabitEthernet0/0/4
 no ip address
 no negotiation auto
!
interface TenGigabitEthernet0/0/4.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
!
interface TenGigabitEthernet0/0/5
 ip address <removed>
```

```
 ip nbar protocol-discovery
 ip nat inside
 no negotiation auto
!
interface TenGigabitEthernet0/0/6
 vrf forwarding cust1
 ip address <removed>
 ip nbar protocol-discovery
 speed 1000
 no negotiation auto
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7
 no ip address
 no negotiation auto
!
interface TenGigabitEthernet0/0/7.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip pim sparse-mode
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/7.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/7.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/7.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/7.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.47
```

```
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.56
 encapsulation dot1Q 57
```

```
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.65
 encapsulation dot1Q 66
 vrf forwarding cust65
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/7.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/8
 ip address <removed>
 speed 1000
 no negotiation auto
!
interface TenGigabitEthernet0/0/9
 no ip address
```

```
 no negotiation auto
!
interface TenGigabitEthernet0/0/10
 mac-address 0000.0001.0000
 no ip address
 no negotiation auto
!
interface TenGigabitEthernet0/0/10.1
 encapsulation dot1Q 100
 vrf forwarding cust1
 ip address <removed>
 ip policy route-map gm1-gm5
!
interface TenGigabitEthernet0/0/10.2
 encapsulation dot1Q 200
 vrf forwarding cust2
 ip address <removed>
 ip policy route-map gm1-gm5_2
!
interface TenGigabitEthernet0/0/11
 no ip address
 speed 1000
 no negotiation auto
!
interface GigabitEthernet0
 vrf forwarding Mgmt-intf
 ip address <removed>
 negotiation auto
 cdp enable
!
router bgp 65030
 bgp router-id 134.1.1.2
 bgp log-neighbor-changes
 !
 address-family ipv4 vrf cust1
  redistribute connected
  neighbor 9.9.9.1 remote-as 65000
  neighbor 9.9.9.1 activate
  neighbor 9.9.9.1 weight 500
  neighbor 134.1.1.1 remote-as 65000
  neighbor 134.1.1.1 activate
  neighbor 134.1.1.1 weight 400
 exit-address-family
 !
 address-family ipv6 vrf cust1
  redistribute connected
  neighbor 9:9::1 remote-as 65000
  neighbor 9:9::1 activate
  neighbor 9:9::1 weight 500
  neighbor 1340:1::1 remote-as 65000
  neighbor 1340:1::1 activate
  neighbor 1340:1::1 weight 400
 exit-address-family
 !
 address-family ipv4 vrf cust10
  redistribute connected
  neighbor 9.9.18.1 remote-as 65000
  neighbor 9.9.18.1 activate
  neighbor 9.9.18.1 weight 500
  neighbor 134.1.10.1 remote-as 65000
  neighbor 134.1.10.1 activate
  neighbor 134.1.10.1 weight 400
 exit-address-family
 !
```

```
address-family ipv6 vrf cust10
 redistribute connected
 neighbor 9:9::9:1 remote-as 65000
 neighbor 9:9::9:1 activate
 neighbor 9:9::9:1 weight 500
 neighbor 1340:1::9:1 remote-as 65000
 neighbor 1340:1::9:1 activate
 neighbor 1340:1::9:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust100
 redistribute connected
 neighbor 9.9.108.1 remote-as 65000
 neighbor 9.9.108.1 activate
 neighbor 9.9.108.1 weight 500
 neighbor 134.1.100.1 remote-as 65000
 neighbor 134.1.100.1 activate
 neighbor 134.1.100.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust100
 redistribute connected
 neighbor 9:9::63:1 remote-as 65000
 neighbor 9:9::63:1 activate
 neighbor 9:9::63:1 weight 500
 neighbor 1340:1::63:1 remote-as 65000
 neighbor 1340:1::63:1 activate
 neighbor 1340:1::63:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust11
 redistribute connected
 neighbor 9.9.19.1 remote-as 65000
 neighbor 9.9.19.1 activate
 neighbor 9.9.19.1 weight 500
 neighbor 134.1.11.1 remote-as 65000
 neighbor 134.1.11.1 activate
 neighbor 134.1.11.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust11
 redistribute connected
 neighbor 9:9::A:1 remote-as 65000
 neighbor 9:9::A:1 activate
 neighbor 9:9::A:1 weight 500
 neighbor 1340:1::A:1 remote-as 65000
 neighbor 1340:1::A:1 activate
 neighbor 1340:1::A:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust12
 redistribute connected
 neighbor 9.9.20.1 remote-as 65000
 neighbor 9.9.20.1 activate
 neighbor 9.9.20.1 weight 500
 neighbor 134.1.12.1 remote-as 65000
 neighbor 134.1.12.1 activate
 neighbor 134.1.12.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust12
 redistribute connected
 neighbor 9:9::B:1 remote-as 65000
 neighbor 9:9::B:1 activate
```

```
 neighbor 9:9::B:1 weight 500
 neighbor 1340:1::B:1 remote-as 65000
 neighbor 1340:1::B:1 activate
 neighbor 1340:1::B:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust13
 redistribute connected
 neighbor 9.9.21.1 remote-as 65000
 neighbor 9.9.21.1 activate
 neighbor 9.9.21.1 weight 500
 neighbor 134.1.13.1 remote-as 65000
 neighbor 134.1.13.1 activate
 neighbor 134.1.13.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust13
 redistribute connected
 neighbor 9:9::C:1 remote-as 65000
 neighbor 9:9::C:1 activate
 neighbor 9:9::C:1 weight 500
 neighbor 1340:1::C:1 remote-as 65000
 neighbor 1340:1::C:1 activate
 neighbor 1340:1::C:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust14
 redistribute connected
 neighbor 9.9.22.1 remote-as 65000
 neighbor 9.9.22.1 activate
 neighbor 9.9.22.1 weight 500
 neighbor 134.1.14.1 remote-as 65000
 neighbor 134.1.14.1 activate
 neighbor 134.1.14.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust14
 redistribute connected
 neighbor 9:9::D:1 remote-as 65000
 neighbor 9:9::D:1 activate
 neighbor 9:9::D:1 weight 500
 neighbor 1340:1::D:1 remote-as 65000
 neighbor 1340:1::D:1 activate
 neighbor 1340:1::D:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust15
 redistribute connected
 neighbor 9.9.23.1 remote-as 65000
 neighbor 9.9.23.1 activate
 neighbor 9.9.23.1 weight 500
 neighbor 134.1.15.1 remote-as 65000
 neighbor 134.1.15.1 activate
 neighbor 134.1.15.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust15
 redistribute connected
 neighbor 9:9::E:1 remote-as 65000
 neighbor 9:9::E:1 activate
 neighbor 9:9::E:1 weight 500
 neighbor 1340:1::E:1 remote-as 65000
 neighbor 1340:1::E:1 activate
 neighbor 1340:1::E:1 weight 400
```

```
exit-address-family
!
address-family ipv4 vrf cust16
 redistribute connected
 neighbor 9.9.24.1 remote-as 65000
 neighbor 9.9.24.1 activate
 neighbor 9.9.24.1 weight 500
 neighbor 134.1.16.1 remote-as 65000
 neighbor 134.1.16.1 activate
 neighbor 134.1.16.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust16
 redistribute connected
 neighbor 9:9::F:1 remote-as 65000
 neighbor 9:9::F:1 activate
 neighbor 9:9::F:1 weight 500
 neighbor 1340:1::F:1 remote-as 65000
 neighbor 1340:1::F:1 activate
 neighbor 1340:1::F:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust17
 redistribute connected
 neighbor 9.9.25.1 remote-as 65000
 neighbor 9.9.25.1 activate
 neighbor 9.9.25.1 weight 500
 neighbor 134.1.17.1 remote-as 65000
 neighbor 134.1.17.1 activate
 neighbor 134.1.17.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust17
 redistribute connected
 neighbor 9:9::10:1 remote-as 65000
 neighbor 9:9::10:1 activate
 neighbor 9:9::10:1 weight 500
 neighbor 1340:1::10:1 remote-as 65000
 neighbor 1340:1::10:1 activate
 neighbor 1340:1::10:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust18
 redistribute connected
 neighbor 9.9.26.1 remote-as 65000
 neighbor 9.9.26.1 activate
 neighbor 9.9.26.1 weight 500
 neighbor 134.1.18.1 remote-as 65000
 neighbor 134.1.18.1 activate
 neighbor 134.1.18.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust18
 redistribute connected
 neighbor 9:9::11:1 remote-as 65000
 neighbor 9:9::11:1 activate
 neighbor 9:9::11:1 weight 500
 neighbor 1340:1::11:1 remote-as 65000
 neighbor 1340:1::11:1 activate
 neighbor 1340:1::11:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust19
 redistribute connected
```

```
 neighbor 9.9.27.1 remote-as 65000
 neighbor 9.9.27.1 activate
 neighbor 9.9.27.1 weight 500
 neighbor 134.1.19.1 remote-as 65000
 neighbor 134.1.19.1 activate
 neighbor 134.1.19.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust19
 redistribute connected
 neighbor 9:9::12:1 remote-as 65000
 neighbor 9:9::12:1 activate
 neighbor 9:9::12:1 weight 500
 neighbor 1340:1::12:1 remote-as 65000
 neighbor 1340:1::12:1 activate
 neighbor 1340:1::12:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust2
 redistribute connected
 neighbor 9.9.10.1 remote-as 65000
 neighbor 9.9.10.1 activate
 neighbor 9.9.10.1 weight 500
 neighbor 134.1.2.1 remote-as 65000
 neighbor 134.1.2.1 activate
 neighbor 134.1.2.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust2
 redistribute connected
 neighbor 9:9::1:1 remote-as 65000
 neighbor 9:9::1:1 activate
 neighbor 9:9::1:1 weight 500
 neighbor 1340:1::1:1 remote-as 65000
 neighbor 1340:1::1:1 activate
 neighbor 1340:1::1:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust20
 redistribute connected
 neighbor 9.9.28.1 remote-as 65000
 neighbor 9.9.28.1 activate
 neighbor 9.9.28.1 weight 500
 neighbor 134.1.20.1 remote-as 65000
 neighbor 134.1.20.1 activate
 neighbor 134.1.20.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust20
 redistribute connected
 neighbor 9:9::13:1 remote-as 65000
 neighbor 9:9::13:1 activate
 neighbor 9:9::13:1 weight 500
 neighbor 1340:1::13:1 remote-as 65000
 neighbor 1340:1::13:1 activate
 neighbor 1340:1::13:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust21
 redistribute connected
 neighbor 9.9.29.1 remote-as 65000
 neighbor 9.9.29.1 activate
 neighbor 9.9.29.1 weight 500
 neighbor 134.1.21.1 remote-as 65000
```

```
 neighbor 134.1.21.1 activate
 neighbor 134.1.21.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust21
 redistribute connected
 neighbor 9:9::14:1 remote-as 65000
 neighbor 9:9::14:1 activate
 neighbor 9:9::14:1 weight 500
 neighbor 1340:1::14:1 remote-as 65000
 neighbor 1340:1::14:1 activate
 neighbor 1340:1::14:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust22
 redistribute connected
 neighbor 9.9.30.1 remote-as 65000
 neighbor 9.9.30.1 activate
 neighbor 9.9.30.1 weight 500
 neighbor 134.1.22.1 remote-as 65000
 neighbor 134.1.22.1 activate
 neighbor 134.1.22.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust22
 redistribute connected
 neighbor 9:9::15:1 remote-as 65000
 neighbor 9:9::15:1 activate
 neighbor 9:9::15:1 weight 500
 neighbor 1340:1::15:1 remote-as 65000
 neighbor 1340:1::15:1 activate
 neighbor 1340:1::15:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust23
 redistribute connected
 neighbor 9.9.31.1 remote-as 65000
 neighbor 9.9.31.1 activate
 neighbor 9.9.31.1 weight 500
 neighbor 134.1.23.1 remote-as 65000
 neighbor 134.1.23.1 activate
 neighbor 134.1.23.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust23
 redistribute connected
 neighbor 9:9::16:1 remote-as 65000
 neighbor 9:9::16:1 activate
 neighbor 9:9::16:1 weight 500
 neighbor 1340:1::16:1 remote-as 65000
 neighbor 1340:1::16:1 activate
 neighbor 1340:1::16:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust24
 redistribute connected
 neighbor 9.9.32.1 remote-as 65000
 neighbor 9.9.32.1 activate
 neighbor 9.9.32.1 weight 500
 neighbor 134.1.24.1 remote-as 65000
 neighbor 134.1.24.1 activate
 neighbor 134.1.24.1 weight 400
exit-address-family
!
```

```
address-family ipv6 vrf cust24
 redistribute connected
 neighbor 9:9::17:1 remote-as 65000
 neighbor 9:9::17:1 activate
 neighbor 9:9::17:1 weight 500
 neighbor 1340:1::17:1 remote-as 65000
 neighbor 1340:1::17:1 activate
 neighbor 1340:1::17:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust25
 redistribute connected
 neighbor 9.9.33.1 remote-as 65000
 neighbor 9.9.33.1 activate
 neighbor 9.9.33.1 weight 500
 neighbor 134.1.25.1 remote-as 65000
 neighbor 134.1.25.1 activate
 neighbor 134.1.25.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust25
 redistribute connected
 neighbor 9:9::18:1 remote-as 65000
 neighbor 9:9::18:1 activate
 neighbor 9:9::18:1 weight 500
 neighbor 1340:1::18:1 remote-as 65000
 neighbor 1340:1::18:1 activate
 neighbor 1340:1::18:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust26
 redistribute connected
 neighbor 9.9.34.1 remote-as 65000
 neighbor 9.9.34.1 activate
 neighbor 9.9.34.1 weight 500
 neighbor 134.1.26.1 remote-as 65000
 neighbor 134.1.26.1 activate
 neighbor 134.1.26.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust26
 redistribute connected
 neighbor 9:9::19:1 remote-as 65000
 neighbor 9:9::19:1 activate
 neighbor 9:9::19:1 weight 500
 neighbor 1340:1::19:1 remote-as 65000
 neighbor 1340:1::19:1 activate
 neighbor 1340:1::19:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust27
 redistribute connected
 neighbor 9.9.35.1 remote-as 65000
 neighbor 9.9.35.1 activate
 neighbor 9.9.35.1 weight 500
 neighbor 134.1.27.1 remote-as 65000
 neighbor 134.1.27.1 activate
 neighbor 134.1.27.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust27
 redistribute connected
 neighbor 9:9::1A:1 remote-as 65000
 neighbor 9:9::1A:1 activate
```

```
 neighbor 9:9::1A:1 weight 500
 neighbor 1340:1::1A:1 remote-as 65000
 neighbor 1340:1::1A:1 activate
 neighbor 1340:1::1A:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust28
 redistribute connected
 neighbor 9.9.36.1 remote-as 65000
 neighbor 9.9.36.1 activate
 neighbor 9.9.36.1 weight 500
 neighbor 134.1.28.1 remote-as 65000
 neighbor 134.1.28.1 activate
 neighbor 134.1.28.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust28
 redistribute connected
 neighbor 9:9::1B:1 remote-as 65000
 neighbor 9:9::1B:1 activate
 neighbor 9:9::1B:1 weight 500
 neighbor 1340:1::1B:1 remote-as 65000
 neighbor 1340:1::1B:1 activate
 neighbor 1340:1::1B:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust29
 redistribute connected
 neighbor 9.9.37.1 remote-as 65000
 neighbor 9.9.37.1 activate
 neighbor 9.9.37.1 weight 500
 neighbor 134.1.29.1 remote-as 65000
 neighbor 134.1.29.1 activate
 neighbor 134.1.29.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust29
 redistribute connected
 neighbor 9:9::1C:1 remote-as 65000
 neighbor 9:9::1C:1 activate
 neighbor 9:9::1C:1 weight 500
 neighbor 1340:1::1C:1 remote-as 65000
 neighbor 1340:1::1C:1 activate
 neighbor 1340:1::1C:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust3
 redistribute connected
 neighbor 9.9.11.1 remote-as 65000
 neighbor 9.9.11.1 activate
 neighbor 9.9.11.1 weight 500
 neighbor 134.1.3.1 remote-as 65000
 neighbor 134.1.3.1 activate
 neighbor 134.1.3.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust3
 redistribute connected
 neighbor 9:9::2:1 remote-as 65000
 neighbor 9:9::2:1 activate
 neighbor 9:9::2:1 weight 500
 neighbor 1340:1::2:1 remote-as 65000
 neighbor 1340:1::2:1 activate
 neighbor 1340:1::2:1 weight 400
```

```
exit-address-family
!
address-family ipv4 vrf cust30
 redistribute connected
 neighbor 9.9.38.1 remote-as 65000
 neighbor 9.9.38.1 activate
 neighbor 9.9.38.1 weight 500
 neighbor 134.1.30.1 remote-as 65000
 neighbor 134.1.30.1 activate
 neighbor 134.1.30.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust30
 redistribute connected
 neighbor 9:9::1D:1 remote-as 65000
 neighbor 9:9::1D:1 activate
 neighbor 9:9::1D:1 weight 500
 neighbor 1340:1::1D:1 remote-as 65000
 neighbor 1340:1::1D:1 activate
 neighbor 1340:1::1D:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust31
 redistribute connected
 neighbor 9.9.39.1 remote-as 65000
 neighbor 9.9.39.1 activate
 neighbor 9.9.39.1 weight 500
 neighbor 134.1.31.1 remote-as 65000
 neighbor 134.1.31.1 activate
 neighbor 134.1.31.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust31
 redistribute connected
 neighbor 9:9::1E:1 remote-as 65000
 neighbor 9:9::1E:1 activate
 neighbor 9:9::1E:1 weight 500
 neighbor 1340:1::1E:1 remote-as 65000
 neighbor 1340:1::1E:1 activate
 neighbor 1340:1::1E:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust32
 redistribute connected
 neighbor 9.9.40.1 remote-as 65000
 neighbor 9.9.40.1 activate
 neighbor 9.9.40.1 weight 500
 neighbor 134.1.32.1 remote-as 65000
 neighbor 134.1.32.1 activate
 neighbor 134.1.32.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust32
 redistribute connected
 neighbor 9:9::1F:1 remote-as 65000
 neighbor 9:9::1F:1 activate
 neighbor 9:9::1F:1 weight 500
 neighbor 1340:1::1F:1 remote-as 65000
 neighbor 1340:1::1F:1 activate
 neighbor 1340:1::1F:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust33
 redistribute connected
```

```
 neighbor 9.9.41.1 remote-as 65000
 neighbor 9.9.41.1 activate
 neighbor 9.9.41.1 weight 500
 neighbor 134.1.33.1 remote-as 65000
 neighbor 134.1.33.1 activate
 neighbor 134.1.33.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust33
 redistribute connected
 neighbor 9:9::20:1 remote-as 65000
 neighbor 9:9::20:1 activate
 neighbor 9:9::20:1 weight 500
 neighbor 1340:1::20:1 remote-as 65000
 neighbor 1340:1::20:1 activate
 neighbor 1340:1::20:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust34
 redistribute connected
 neighbor 9.9.42.1 remote-as 65000
 neighbor 9.9.42.1 activate
 neighbor 9.9.42.1 weight 500
 neighbor 134.1.34.1 remote-as 65000
 neighbor 134.1.34.1 activate
 neighbor 134.1.34.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust34
 redistribute connected
 neighbor 9:9::21:1 remote-as 65000
 neighbor 9:9::21:1 activate
 neighbor 9:9::21:1 weight 500
 neighbor 1340:1::21:1 remote-as 65000
 neighbor 1340:1::21:1 activate
 neighbor 1340:1::21:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust35
 redistribute connected
 neighbor 9.9.43.1 remote-as 65000
 neighbor 9.9.43.1 activate
 neighbor 9.9.43.1 weight 500
 neighbor 134.1.35.1 remote-as 65000
 neighbor 134.1.35.1 activate
 neighbor 134.1.35.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust35
 redistribute connected
 neighbor 9:9::22:1 remote-as 65000
 neighbor 9:9::22:1 activate
 neighbor 9:9::22:1 weight 500
 neighbor 1340:1::22:1 remote-as 65000
 neighbor 1340:1::22:1 activate
 neighbor 1340:1::22:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust36
 redistribute connected
 neighbor 9.9.44.1 remote-as 65000
 neighbor 9.9.44.1 activate
 neighbor 9.9.44.1 weight 500
 neighbor 134.1.36.1 remote-as 65000
```

```
 neighbor 134.1.36.1 activate
 neighbor 134.1.36.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust36
 redistribute connected
 neighbor 9:9::23:1 remote-as 65000
 neighbor 9:9::23:1 activate
 neighbor 9:9::23:1 weight 500
 neighbor 1340:1::23:1 remote-as 65000
 neighbor 1340:1::23:1 activate
 neighbor 1340:1::23:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust37
 redistribute connected
 neighbor 9.9.45.1 remote-as 65000
 neighbor 9.9.45.1 activate
 neighbor 9.9.45.1 weight 500
 neighbor 134.1.37.1 remote-as 65000
 neighbor 134.1.37.1 activate
 neighbor 134.1.37.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust37
 redistribute connected
 neighbor 9:9::24:1 remote-as 65000
 neighbor 9:9::24:1 activate
 neighbor 9:9::24:1 weight 500
 neighbor 1340:1::24:1 remote-as 65000
 neighbor 1340:1::24:1 activate
 neighbor 1340:1::24:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust38
 redistribute connected
 neighbor 9.9.46.1 remote-as 65000
 neighbor 9.9.46.1 activate
 neighbor 9.9.46.1 weight 500
 neighbor 134.1.38.1 remote-as 65000
 neighbor 134.1.38.1 activate
 neighbor 134.1.38.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust38
 redistribute connected
 neighbor 9:9::25:1 remote-as 65000
 neighbor 9:9::25:1 activate
 neighbor 9:9::25:1 weight 500
 neighbor 1340:1::25:1 remote-as 65000
 neighbor 1340:1::25:1 activate
 neighbor 1340:1::25:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust39
 redistribute connected
 neighbor 9.9.47.1 remote-as 65000
 neighbor 9.9.47.1 activate
 neighbor 9.9.47.1 weight 500
 neighbor 134.1.39.1 remote-as 65000
 neighbor 134.1.39.1 activate
 neighbor 134.1.39.1 weight 400
exit-address-family
!
```

```
address-family ipv6 vrf cust39
 redistribute connected
 neighbor 9:9::26:1 remote-as 65000
 neighbor 9:9::26:1 activate
 neighbor 9:9::26:1 weight 500
 neighbor 1340:1::26:1 remote-as 65000
 neighbor 1340:1::26:1 activate
 neighbor 1340:1::26:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust4
 redistribute connected
 neighbor 9.9.12.1 remote-as 65000
 neighbor 9.9.12.1 activate
 neighbor 9.9.12.1 weight 500
 neighbor 134.1.4.1 remote-as 65000
 neighbor 134.1.4.1 activate
 neighbor 134.1.4.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust4
 redistribute connected
 neighbor 9:9::3:1 remote-as 65000
 neighbor 9:9::3:1 activate
 neighbor 9:9::3:1 weight 500
 neighbor 1340:1::3:1 remote-as 65000
 neighbor 1340:1::3:1 activate
 neighbor 1340:1::3:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust40
 redistribute connected
 neighbor 9.9.48.1 remote-as 65000
 neighbor 9.9.48.1 activate
 neighbor 9.9.48.1 weight 500
 neighbor 134.1.40.1 remote-as 65000
 neighbor 134.1.40.1 activate
 neighbor 134.1.40.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust40
 redistribute connected
 neighbor 9:9::27:1 remote-as 65000
 neighbor 9:9::27:1 activate
 neighbor 9:9::27:1 weight 500
 neighbor 1340:1::27:1 remote-as 65000
 neighbor 1340:1::27:1 activate
 neighbor 1340:1::27:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust41
 redistribute connected
 neighbor 9.9.49.1 remote-as 65000
 neighbor 9.9.49.1 activate
 neighbor 9.9.49.1 weight 500
 neighbor 134.1.41.1 remote-as 65000
 neighbor 134.1.41.1 activate
 neighbor 134.1.41.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust41
 redistribute connected
 neighbor 9:9::28:1 remote-as 65000
 neighbor 9:9::28:1 activate
```

```
 neighbor 9:9::28:1 weight 500
 neighbor 1340:1::28:1 remote-as 65000
 neighbor 1340:1::28:1 activate
 neighbor 1340:1::28:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust42
 redistribute connected
 neighbor 9.9.50.1 remote-as 65000
 neighbor 9.9.50.1 activate
 neighbor 9.9.50.1 weight 500
 neighbor 134.1.42.1 remote-as 65000
 neighbor 134.1.42.1 activate
 neighbor 134.1.42.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust42
 redistribute connected
 neighbor 9:9::29:1 remote-as 65000
 neighbor 9:9::29:1 activate
 neighbor 9:9::29:1 weight 500
 neighbor 1340:1::29:1 remote-as 65000
 neighbor 1340:1::29:1 activate
 neighbor 1340:1::29:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust43
 redistribute connected
 neighbor 9.9.51.1 remote-as 65000
 neighbor 9.9.51.1 activate
 neighbor 9.9.51.1 weight 500
 neighbor 134.1.43.1 remote-as 65000
 neighbor 134.1.43.1 activate
 neighbor 134.1.43.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust43
 redistribute connected
 neighbor 9:9::2A:1 remote-as 65000
 neighbor 9:9::2A:1 activate
 neighbor 9:9::2A:1 weight 500
 neighbor 1340:1::2A:1 remote-as 65000
 neighbor 1340:1::2A:1 activate
 neighbor 1340:1::2A:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust44
 redistribute connected
 neighbor 9.9.52.1 remote-as 65000
 neighbor 9.9.52.1 activate
 neighbor 9.9.52.1 weight 500
 neighbor 134.1.44.1 remote-as 65000
 neighbor 134.1.44.1 activate
 neighbor 134.1.44.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust44
 redistribute connected
 neighbor 9:9::2B:1 remote-as 65000
 neighbor 9:9::2B:1 activate
 neighbor 9:9::2B:1 weight 500
 neighbor 1340:1::2B:1 remote-as 65000
 neighbor 1340:1::2B:1 activate
 neighbor 1340:1::2B:1 weight 400
```

```
exit-address-family
!
address-family ipv4 vrf cust45
 redistribute connected
 neighbor 9.9.53.1 remote-as 65000
 neighbor 9.9.53.1 activate
 neighbor 9.9.53.1 weight 500
 neighbor 134.1.45.1 remote-as 65000
 neighbor 134.1.45.1 activate
 neighbor 134.1.45.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust45
 redistribute connected
 neighbor 9:9::2C:1 remote-as 65000
 neighbor 9:9::2C:1 activate
 neighbor 9:9::2C:1 weight 500
 neighbor 1340:1::2C:1 remote-as 65000
 neighbor 1340:1::2C:1 activate
 neighbor 1340:1::2C:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust46
 redistribute connected
 neighbor 9.9.54.1 remote-as 65000
 neighbor 9.9.54.1 activate
 neighbor 9.9.54.1 weight 500
 neighbor 134.1.46.1 remote-as 65000
 neighbor 134.1.46.1 activate
 neighbor 134.1.46.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust46
 redistribute connected
 neighbor 9:9::2D:1 remote-as 65000
 neighbor 9:9::2D:1 activate
 neighbor 9:9::2D:1 weight 500
 neighbor 1340:1::2D:1 remote-as 65000
 neighbor 1340:1::2D:1 activate
 neighbor 1340:1::2D:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust47
 redistribute connected
 neighbor 9.9.55.1 remote-as 65000
 neighbor 9.9.55.1 activate
 neighbor 9.9.55.1 weight 500
 neighbor 134.1.47.1 remote-as 65000
 neighbor 134.1.47.1 activate
 neighbor 134.1.47.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust47
 redistribute connected
 neighbor 9:9::2E:1 remote-as 65000
 neighbor 9:9::2E:1 activate
 neighbor 9:9::2E:1 weight 500
 neighbor 1340:1::2E:1 remote-as 65000
 neighbor 1340:1::2E:1 activate
 neighbor 1340:1::2E:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust48
 redistribute connected
```

```
 neighbor 9.9.56.1 remote-as 65000
 neighbor 9.9.56.1 activate
 neighbor 9.9.56.1 weight 500
 neighbor 134.1.48.1 remote-as 65000
 neighbor 134.1.48.1 activate
 neighbor 134.1.48.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust48
 redistribute connected
 neighbor 9:9::2F:1 remote-as 65000
 neighbor 9:9::2F:1 activate
 neighbor 9:9::2F:1 weight 500
 neighbor 1340:1::2F:1 remote-as 65000
 neighbor 1340:1::2F:1 activate
 neighbor 1340:1::2F:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust49
 redistribute connected
 neighbor 9.9.57.1 remote-as 65000
 neighbor 9.9.57.1 activate
 neighbor 9.9.57.1 weight 500
 neighbor 134.1.49.1 remote-as 65000
 neighbor 134.1.49.1 activate
 neighbor 134.1.49.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust49
 redistribute connected
 neighbor 9:9::30:1 remote-as 65000
 neighbor 9:9::30:1 activate
 neighbor 9:9::30:1 weight 500
 neighbor 1340:1::30:1 remote-as 65000
 neighbor 1340:1::30:1 activate
 neighbor 1340:1::30:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust5
 redistribute connected
 neighbor 9.9.13.1 remote-as 65000
 neighbor 9.9.13.1 activate
 neighbor 9.9.13.1 weight 500
 neighbor 134.1.5.1 remote-as 65000
 neighbor 134.1.5.1 activate
 neighbor 134.1.5.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust5
 redistribute connected
 neighbor 9:9::4:1 remote-as 65000
 neighbor 9:9::4:1 activate
 neighbor 9:9::4:1 weight 500
 neighbor 1340:1::4:1 remote-as 65000
 neighbor 1340:1::4:1 activate
 neighbor 1340:1::4:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust50
 redistribute connected
 neighbor 9.9.58.1 remote-as 65000
 neighbor 9.9.58.1 activate
 neighbor 9.9.58.1 weight 500
 neighbor 134.1.50.1 remote-as 65000
```

```
 neighbor 134.1.50.1 activate
 neighbor 134.1.50.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust50
 redistribute connected
 neighbor 9:9::31:1 remote-as 65000
 neighbor 9:9::31:1 activate
 neighbor 9:9::31:1 weight 500
 neighbor 1340:1::31:1 remote-as 65000
 neighbor 1340:1::31:1 activate
 neighbor 1340:1::31:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust51
 redistribute connected
 neighbor 9.9.59.1 remote-as 65000
 neighbor 9.9.59.1 activate
 neighbor 9.9.59.1 weight 500
 neighbor 134.1.51.1 remote-as 65000
 neighbor 134.1.51.1 activate
 neighbor 134.1.51.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust51
 redistribute connected
 neighbor 9:9::32:1 remote-as 65000
 neighbor 9:9::32:1 activate
 neighbor 9:9::32:1 weight 500
 neighbor 1340:1::32:1 remote-as 65000
 neighbor 1340:1::32:1 activate
 neighbor 1340:1::32:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust52
 redistribute connected
 neighbor 9.9.60.1 remote-as 65000
 neighbor 9.9.60.1 activate
 neighbor 9.9.60.1 weight 500
 neighbor 134.1.52.1 remote-as 65000
 neighbor 134.1.52.1 activate
 neighbor 134.1.52.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust52
 redistribute connected
 neighbor 9:9::33:1 remote-as 65000
 neighbor 9:9::33:1 activate
 neighbor 9:9::33:1 weight 500
 neighbor 1340:1::33:1 remote-as 65000
 neighbor 1340:1::33:1 activate
 neighbor 1340:1::33:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust53
 redistribute connected
 neighbor 9.9.61.1 remote-as 65000
 neighbor 9.9.61.1 activate
 neighbor 9.9.61.1 weight 500
 neighbor 134.1.53.1 remote-as 65000
 neighbor 134.1.53.1 activate
 neighbor 134.1.53.1 weight 400
exit-address-family
!
```

```
address-family ipv6 vrf cust53
 redistribute connected
 neighbor 9:9::34:1 remote-as 65000
 neighbor 9:9::34:1 activate
 neighbor 9:9::34:1 weight 500
 neighbor 1340:1::34:1 remote-as 65000
 neighbor 1340:1::34:1 activate
 neighbor 1340:1::34:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust54
 redistribute connected
 neighbor 9.9.62.1 remote-as 65000
 neighbor 9.9.62.1 activate
 neighbor 9.9.62.1 weight 500
 neighbor 134.1.54.1 remote-as 65000
 neighbor 134.1.54.1 activate
 neighbor 134.1.54.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust54
 redistribute connected
 neighbor 9:9::35:1 remote-as 65000
 neighbor 9:9::35:1 activate
 neighbor 9:9::35:1 weight 500
 neighbor 1340:1::35:1 remote-as 65000
 neighbor 1340:1::35:1 activate
 neighbor 1340:1::35:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust55
 redistribute connected
 neighbor 9.9.63.1 remote-as 65000
 neighbor 9.9.63.1 activate
 neighbor 9.9.63.1 weight 500
 neighbor 134.1.55.1 remote-as 65000
 neighbor 134.1.55.1 activate
 neighbor 134.1.55.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust55
 redistribute connected
 neighbor 9:9::36:1 remote-as 65000
 neighbor 9:9::36:1 activate
 neighbor 9:9::36:1 weight 500
 neighbor 1340:1::36:1 remote-as 65000
 neighbor 1340:1::36:1 activate
 neighbor 1340:1::36:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust56
 redistribute connected
 neighbor 9.9.64.1 remote-as 65000
 neighbor 9.9.64.1 activate
 neighbor 9.9.64.1 weight 500
 neighbor 134.1.56.1 remote-as 65000
 neighbor 134.1.56.1 activate
 neighbor 134.1.56.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust56
 redistribute connected
 neighbor 9:9::37:1 remote-as 65000
 neighbor 9:9::37:1 activate
```

```
 neighbor 9:9::37:1 weight 500
 neighbor 1340:1::37:1 remote-as 65000
 neighbor 1340:1::37:1 activate
 neighbor 1340:1::37:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust57
 redistribute connected
 neighbor 9.9.65.1 remote-as 65000
 neighbor 9.9.65.1 activate
 neighbor 9.9.65.1 weight 500
 neighbor 134.1.57.1 remote-as 65000
 neighbor 134.1.57.1 activate
 neighbor 134.1.57.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust57
 redistribute connected
 neighbor 9:9::38:1 remote-as 65000
 neighbor 9:9::38:1 activate
 neighbor 9:9::38:1 weight 500
 neighbor 1340:1::38:1 remote-as 65000
 neighbor 1340:1::38:1 activate
 neighbor 1340:1::38:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust58
 redistribute connected
 neighbor 9.9.66.1 remote-as 65000
 neighbor 9.9.66.1 activate
 neighbor 9.9.66.1 weight 500
 neighbor 134.1.58.1 remote-as 65000
 neighbor 134.1.58.1 activate
 neighbor 134.1.58.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust58
 redistribute connected
 neighbor 9:9::39:1 remote-as 65000
 neighbor 9:9::39:1 activate
 neighbor 9:9::39:1 weight 500
 neighbor 1340:1::39:1 remote-as 65000
 neighbor 1340:1::39:1 activate
 neighbor 1340:1::39:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust59
 redistribute connected
 neighbor 9.9.67.1 remote-as 65000
 neighbor 9.9.67.1 activate
 neighbor 9.9.67.1 weight 500
 neighbor 134.1.59.1 remote-as 65000
 neighbor 134.1.59.1 activate
 neighbor 134.1.59.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust59
 redistribute connected
 neighbor 9:9::3A:1 remote-as 65000
 neighbor 9:9::3A:1 activate
 neighbor 9:9::3A:1 weight 500
 neighbor 1340:1::3A:1 remote-as 65000
 neighbor 1340:1::3A:1 activate
 neighbor 1340:1::3A:1 weight 400
```

```
exit-address-family
!
address-family ipv4 vrf cust6
 redistribute connected
 neighbor 9.9.14.1 remote-as 65000
 neighbor 9.9.14.1 activate
 neighbor 9.9.14.1 weight 500
 neighbor 134.1.6.1 remote-as 65000
 neighbor 134.1.6.1 activate
 neighbor 134.1.6.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust6
 redistribute connected
 neighbor 9:9::5:1 remote-as 65000
 neighbor 9:9::5:1 activate
 neighbor 9:9::5:1 weight 500
 neighbor 1340:1::5:1 remote-as 65000
 neighbor 1340:1::5:1 activate
 neighbor 1340:1::5:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust60
 redistribute connected
 neighbor 9.9.68.1 remote-as 65000
 neighbor 9.9.68.1 activate
 neighbor 9.9.68.1 weight 500
 neighbor 134.1.60.1 remote-as 65000
 neighbor 134.1.60.1 activate
 neighbor 134.1.60.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust60
 redistribute connected
 neighbor 9:9::3B:1 remote-as 65000
 neighbor 9:9::3B:1 activate
 neighbor 9:9::3B:1 weight 500
 neighbor 1340:1::3B:1 remote-as 65000
 neighbor 1340:1::3B:1 activate
 neighbor 1340:1::3B:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust61
 redistribute connected
 neighbor 9.9.69.1 remote-as 65000
 neighbor 9.9.69.1 activate
 neighbor 9.9.69.1 weight 500
 neighbor 134.1.61.1 remote-as 65000
 neighbor 134.1.61.1 activate
 neighbor 134.1.61.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust61
 redistribute connected
 neighbor 9:9::3C:1 remote-as 65000
 neighbor 9:9::3C:1 activate
 neighbor 9:9::3C:1 weight 500
 neighbor 1340:1::3C:1 remote-as 65000
 neighbor 1340:1::3C:1 activate
 neighbor 1340:1::3C:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust62
 redistribute connected
```

```
 neighbor 9.9.70.1 remote-as 65000
 neighbor 9.9.70.1 activate
 neighbor 9.9.70.1 weight 500
 neighbor 134.1.62.1 remote-as 65000
 neighbor 134.1.62.1 activate
 neighbor 134.1.62.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust62
 redistribute connected
 neighbor 9:9::3D:1 remote-as 65000
 neighbor 9:9::3D:1 activate
 neighbor 9:9::3D:1 weight 500
 neighbor 1340:1::3D:1 remote-as 65000
 neighbor 1340:1::3D:1 activate
 neighbor 1340:1::3D:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust63
 redistribute connected
 neighbor 9.9.71.1 remote-as 65000
 neighbor 9.9.71.1 activate
 neighbor 9.9.71.1 weight 500
 neighbor 134.1.63.1 remote-as 65000
 neighbor 134.1.63.1 activate
 neighbor 134.1.63.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust63
 redistribute connected
 neighbor 9:9::3E:1 remote-as 65000
 neighbor 9:9::3E:1 activate
 neighbor 9:9::3E:1 weight 500
 neighbor 1340:1::3E:1 remote-as 65000
 neighbor 1340:1::3E:1 activate
 neighbor 1340:1::3E:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust64
 redistribute connected
 neighbor 9.9.72.1 remote-as 65000
 neighbor 9.9.72.1 activate
 neighbor 9.9.72.1 weight 500
 neighbor 134.1.64.1 remote-as 65000
 neighbor 134.1.64.1 activate
 neighbor 134.1.64.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust64
 redistribute connected
 neighbor 9:9::3F:1 remote-as 65000
 neighbor 9:9::3F:1 activate
 neighbor 9:9::3F:1 weight 500
 neighbor 1340:1::3F:1 remote-as 65000
 neighbor 1340:1::3F:1 activate
 neighbor 1340:1::3F:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust65
 redistribute connected
 neighbor 9.9.73.1 remote-as 65000
 neighbor 9.9.73.1 activate
 neighbor 9.9.73.1 weight 500
 neighbor 134.1.65.1 remote-as 65000
```

```
 neighbor 134.1.65.1 activate
 neighbor 134.1.65.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust65
 redistribute connected
 neighbor 9:9::40:1 remote-as 65000
 neighbor 9:9::40:1 activate
 neighbor 9:9::40:1 weight 500
 neighbor 1340:1::40:1 remote-as 65000
 neighbor 1340:1::40:1 activate
 neighbor 1340:1::40:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust66
 redistribute connected
 neighbor 9.9.74.1 remote-as 65000
 neighbor 9.9.74.1 activate
 neighbor 9.9.74.1 weight 500
 neighbor 134.1.66.1 remote-as 65000
 neighbor 134.1.66.1 activate
 neighbor 134.1.66.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust66
 redistribute connected
 neighbor 9:9::41:1 remote-as 65000
 neighbor 9:9::41:1 activate
 neighbor 9:9::41:1 weight 500
 neighbor 1340:1::41:1 remote-as 65000
 neighbor 1340:1::41:1 activate
 neighbor 1340:1::41:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust67
 redistribute connected
 neighbor 9.9.75.1 remote-as 65000
 neighbor 9.9.75.1 activate
 neighbor 9.9.75.1 weight 500
 neighbor 134.1.67.1 remote-as 65000
 neighbor 134.1.67.1 activate
 neighbor 134.1.67.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust67
 redistribute connected
 neighbor 9:9::42:1 remote-as 65000
 neighbor 9:9::42:1 activate
 neighbor 9:9::42:1 weight 500
 neighbor 1340:1::42:1 remote-as 65000
 neighbor 1340:1::42:1 activate
 neighbor 1340:1::42:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust68
 redistribute connected
 neighbor 9.9.76.1 remote-as 65000
 neighbor 9.9.76.1 activate
 neighbor 9.9.76.1 weight 500
 neighbor 134.1.68.1 remote-as 65000
 neighbor 134.1.68.1 activate
 neighbor 134.1.68.1 weight 400
exit-address-family
!
```

```
address-family ipv6 vrf cust68
 redistribute connected
 neighbor 9:9::43:1 remote-as 65000
 neighbor 9:9::43:1 activate
 neighbor 9:9::43:1 weight 500
 neighbor 1340:1::43:1 remote-as 65000
 neighbor 1340:1::43:1 activate
 neighbor 1340:1::43:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust69
 redistribute connected
 neighbor 9.9.77.1 remote-as 65000
 neighbor 9.9.77.1 activate
 neighbor 9.9.77.1 weight 500
 neighbor 134.1.69.1 remote-as 65000
 neighbor 134.1.69.1 activate
 neighbor 134.1.69.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust69
 redistribute connected
 neighbor 9:9::44:1 remote-as 65000
 neighbor 9:9::44:1 activate
 neighbor 9:9::44:1 weight 500
 neighbor 1340:1::44:1 remote-as 65000
 neighbor 1340:1::44:1 activate
 neighbor 1340:1::44:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust7
 redistribute connected
 neighbor 9.9.15.1 remote-as 65000
 neighbor 9.9.15.1 activate
 neighbor 9.9.15.1 weight 500
 neighbor 134.1.7.1 remote-as 65000
 neighbor 134.1.7.1 activate
 neighbor 134.1.7.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust7
 redistribute connected
 neighbor 9:9::6:1 remote-as 65000
 neighbor 9:9::6:1 activate
 neighbor 9:9::6:1 weight 500
 neighbor 1340:1::6:1 remote-as 65000
 neighbor 1340:1::6:1 activate
 neighbor 1340:1::6:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust70
 redistribute connected
 neighbor 9.9.78.1 remote-as 65000
 neighbor 9.9.78.1 activate
 neighbor 9.9.78.1 weight 500
 neighbor 134.1.70.1 remote-as 65000
 neighbor 134.1.70.1 activate
 neighbor 134.1.70.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust70
 redistribute connected
 neighbor 9:9::45:1 remote-as 65000
 neighbor 9:9::45:1 activate
```

```
 neighbor 9:9::45:1 weight 500
 neighbor 1340:1::45:1 remote-as 65000
 neighbor 1340:1::45:1 activate
 neighbor 1340:1::45:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust71
 redistribute connected
 neighbor 9.9.79.1 remote-as 65000
 neighbor 9.9.79.1 activate
 neighbor 9.9.79.1 weight 500
 neighbor 134.1.71.1 remote-as 65000
 neighbor 134.1.71.1 activate
 neighbor 134.1.71.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust71
 redistribute connected
 neighbor 9:9::46:1 remote-as 65000
 neighbor 9:9::46:1 activate
 neighbor 9:9::46:1 weight 500
 neighbor 1340:1::46:1 remote-as 65000
 neighbor 1340:1::46:1 activate
 neighbor 1340:1::46:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust72
 redistribute connected
 neighbor 9.9.80.1 remote-as 65000
 neighbor 9.9.80.1 activate
 neighbor 9.9.80.1 weight 500
 neighbor 134.1.72.1 remote-as 65000
 neighbor 134.1.72.1 activate
 neighbor 134.1.72.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust72
 redistribute connected
 neighbor 9:9::47:1 remote-as 65000
 neighbor 9:9::47:1 activate
 neighbor 9:9::47:1 weight 500
 neighbor 1340:1::47:1 remote-as 65000
 neighbor 1340:1::47:1 activate
 neighbor 1340:1::47:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust73
 redistribute connected
 neighbor 9.9.81.1 remote-as 65000
 neighbor 9.9.81.1 activate
 neighbor 9.9.81.1 weight 500
 neighbor 134.1.73.1 remote-as 65000
 neighbor 134.1.73.1 activate
 neighbor 134.1.73.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust73
 redistribute connected
 neighbor 9:9::48:1 remote-as 65000
 neighbor 9:9::48:1 activate
 neighbor 9:9::48:1 weight 500
 neighbor 1340:1::48:1 remote-as 65000
 neighbor 1340:1::48:1 activate
 neighbor 1340:1::48:1 weight 400
```

```
exit-address-family
!
address-family ipv4 vrf cust74
 redistribute connected
 neighbor 9.9.82.1 remote-as 65000
 neighbor 9.9.82.1 activate
 neighbor 9.9.82.1 weight 500
 neighbor 134.1.74.1 remote-as 65000
 neighbor 134.1.74.1 activate
 neighbor 134.1.74.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust74
 redistribute connected
 neighbor 9:9::49:1 remote-as 65000
 neighbor 9:9::49:1 activate
 neighbor 9:9::49:1 weight 500
 neighbor 1340:1::49:1 remote-as 65000
 neighbor 1340:1::49:1 activate
 neighbor 1340:1::49:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust75
 redistribute connected
 neighbor 9.9.83.1 remote-as 65000
 neighbor 9.9.83.1 activate
 neighbor 9.9.83.1 weight 500
 neighbor 134.1.75.1 remote-as 65000
 neighbor 134.1.75.1 activate
 neighbor 134.1.75.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust75
 redistribute connected
 neighbor 9:9::4A:1 remote-as 65000
 neighbor 9:9::4A:1 activate
 neighbor 9:9::4A:1 weight 500
 neighbor 1340:1::4A:1 remote-as 65000
 neighbor 1340:1::4A:1 activate
 neighbor 1340:1::4A:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust76
 redistribute connected
 neighbor 9.9.84.1 remote-as 65000
 neighbor 9.9.84.1 activate
 neighbor 9.9.84.1 weight 500
 neighbor 134.1.76.1 remote-as 65000
 neighbor 134.1.76.1 activate
 neighbor 134.1.76.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust76
 redistribute connected
 neighbor 9:9::4B:1 remote-as 65000
 neighbor 9:9::4B:1 activate
 neighbor 9:9::4B:1 weight 500
 neighbor 1340:1::4B:1 remote-as 65000
 neighbor 1340:1::4B:1 activate
 neighbor 1340:1::4B:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust77
 redistribute connected
```

```
 neighbor 9.9.85.1 remote-as 65000
 neighbor 9.9.85.1 activate
 neighbor 9.9.85.1 weight 500
 neighbor 134.1.77.1 remote-as 65000
 neighbor 134.1.77.1 activate
 neighbor 134.1.77.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust77
 redistribute connected
 neighbor 9:9::4C:1 remote-as 65000
 neighbor 9:9::4C:1 activate
 neighbor 9:9::4C:1 weight 500
 neighbor 1340:1::4C:1 remote-as 65000
 neighbor 1340:1::4C:1 activate
 neighbor 1340:1::4C:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust78
 redistribute connected
 neighbor 9.9.86.1 remote-as 65000
 neighbor 9.9.86.1 activate
 neighbor 9.9.86.1 weight 500
 neighbor 134.1.78.1 remote-as 65000
 neighbor 134.1.78.1 activate
 neighbor 134.1.78.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust78
 redistribute connected
 neighbor 9:9::4D:1 remote-as 65000
 neighbor 9:9::4D:1 activate
 neighbor 9:9::4D:1 weight 500
 neighbor 1340:1::4D:1 remote-as 65000
 neighbor 1340:1::4D:1 activate
 neighbor 1340:1::4D:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust79
 redistribute connected
 neighbor 9.9.87.1 remote-as 65000
 neighbor 9.9.87.1 activate
 neighbor 9.9.87.1 weight 500
 neighbor 134.1.79.1 remote-as 65000
 neighbor 134.1.79.1 activate
 neighbor 134.1.79.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust79
 redistribute connected
 neighbor 9:9::4E:1 remote-as 65000
 neighbor 9:9::4E:1 activate
 neighbor 9:9::4E:1 weight 500
 neighbor 1340:1::4E:1 remote-as 65000
 neighbor 1340:1::4E:1 activate
 neighbor 1340:1::4E:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust8
 redistribute connected
 neighbor 9.9.16.1 remote-as 65000
 neighbor 9.9.16.1 activate
 neighbor 9.9.16.1 weight 500
 neighbor 134.1.8.1 remote-as 65000
```

```
 neighbor 134.1.8.1 activate
 neighbor 134.1.8.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust8
 redistribute connected
 neighbor 9:9::7:1 remote-as 65000
 neighbor 9:9::7:1 activate
 neighbor 9:9::7:1 weight 500
 neighbor 1340:1::7:1 remote-as 65000
 neighbor 1340:1::7:1 activate
 neighbor 1340:1::7:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust80
 redistribute connected
 neighbor 9.9.88.1 remote-as 65000
 neighbor 9.9.88.1 activate
 neighbor 9.9.88.1 weight 500
 neighbor 134.1.80.1 remote-as 65000
 neighbor 134.1.80.1 activate
 neighbor 134.1.80.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust80
 redistribute connected
 neighbor 9:9::4F:1 remote-as 65000
 neighbor 9:9::4F:1 activate
 neighbor 9:9::4F:1 weight 500
 neighbor 1340:1::4F:1 remote-as 65000
 neighbor 1340:1::4F:1 activate
 neighbor 1340:1::4F:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust81
 redistribute connected
 neighbor 9.9.89.1 remote-as 65000
 neighbor 9.9.89.1 activate
 neighbor 9.9.89.1 weight 500
 neighbor 134.1.81.1 remote-as 65000
 neighbor 134.1.81.1 activate
 neighbor 134.1.81.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust81
 redistribute connected
 neighbor 9:9::50:1 remote-as 65000
 neighbor 9:9::50:1 activate
 neighbor 9:9::50:1 weight 500
 neighbor 1340:1::50:1 remote-as 65000
 neighbor 1340:1::50:1 activate
 neighbor 1340:1::50:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust82
 redistribute connected
 neighbor 9.9.90.1 remote-as 65000
 neighbor 9.9.90.1 activate
 neighbor 9.9.90.1 weight 500
 neighbor 134.1.82.1 remote-as 65000
 neighbor 134.1.82.1 activate
 neighbor 134.1.82.1 weight 400
exit-address-family
!
```

```
address-family ipv6 vrf cust82
 redistribute connected
 neighbor 9:9::51:1 remote-as 65000
 neighbor 9:9::51:1 activate
 neighbor 9:9::51:1 weight 500
 neighbor 1340:1::51:1 remote-as 65000
 neighbor 1340:1::51:1 activate
 neighbor 1340:1::51:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust83
 redistribute connected
 neighbor 9.9.91.1 remote-as 65000
 neighbor 9.9.91.1 activate
 neighbor 9.9.91.1 weight 500
 neighbor 134.1.83.1 remote-as 65000
 neighbor 134.1.83.1 activate
 neighbor 134.1.83.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust83
 redistribute connected
 neighbor 9:9::52:1 remote-as 65000
 neighbor 9:9::52:1 activate
 neighbor 9:9::52:1 weight 500
 neighbor 1340:1::52:1 remote-as 65000
 neighbor 1340:1::52:1 activate
 neighbor 1340:1::52:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust84
 redistribute connected
 neighbor 9.9.92.1 remote-as 65000
 neighbor 9.9.92.1 activate
 neighbor 9.9.92.1 weight 500
 neighbor 134.1.84.1 remote-as 65000
 neighbor 134.1.84.1 activate
 neighbor 134.1.84.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust84
 redistribute connected
 neighbor 9:9::53:1 remote-as 65000
 neighbor 9:9::53:1 activate
 neighbor 9:9::53:1 weight 500
 neighbor 1340:1::53:1 remote-as 65000
 neighbor 1340:1::53:1 activate
 neighbor 1340:1::53:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust85
 redistribute connected
 neighbor 9.9.93.1 remote-as 65000
 neighbor 9.9.93.1 activate
 neighbor 9.9.93.1 weight 500
 neighbor 134.1.85.1 remote-as 65000
 neighbor 134.1.85.1 activate
 neighbor 134.1.85.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust85
 redistribute connected
 neighbor 9:9::54:1 remote-as 65000
 neighbor 9:9::54:1 activate
```

```
 neighbor 9:9::54:1 weight 500
 neighbor 1340:1::54:1 remote-as 65000
 neighbor 1340:1::54:1 activate
 neighbor 1340:1::54:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust86
 redistribute connected
 neighbor 9.9.94.1 remote-as 65000
 neighbor 9.9.94.1 activate
 neighbor 9.9.94.1 weight 500
 neighbor 134.1.86.1 remote-as 65000
 neighbor 134.1.86.1 activate
 neighbor 134.1.86.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust86
 redistribute connected
 neighbor 9:9::55:1 remote-as 65000
 neighbor 9:9::55:1 activate
 neighbor 9:9::55:1 weight 500
 neighbor 1340:1::55:1 remote-as 65000
 neighbor 1340:1::55:1 activate
 neighbor 1340:1::55:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust87
 redistribute connected
 neighbor 9.9.95.1 remote-as 65000
 neighbor 9.9.95.1 activate
 neighbor 9.9.95.1 weight 500
 neighbor 134.1.87.1 remote-as 65000
 neighbor 134.1.87.1 activate
 neighbor 134.1.87.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust87
 redistribute connected
 neighbor 9:9::56:1 remote-as 65000
 neighbor 9:9::56:1 activate
 neighbor 9:9::56:1 weight 500
 neighbor 1340:1::56:1 remote-as 65000
 neighbor 1340:1::56:1 activate
 neighbor 1340:1::56:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust88
 redistribute connected
 neighbor 9.9.96.1 remote-as 65000
 neighbor 9.9.96.1 activate
 neighbor 9.9.96.1 weight 500
 neighbor 134.1.88.1 remote-as 65000
 neighbor 134.1.88.1 activate
 neighbor 134.1.88.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust88
 redistribute connected
 neighbor 9:9::57:1 remote-as 65000
 neighbor 9:9::57:1 activate
 neighbor 9:9::57:1 weight 500
 neighbor 1340:1::57:1 remote-as 65000
 neighbor 1340:1::57:1 activate
 neighbor 1340:1::57:1 weight 400
```

```
exit-address-family
!
address-family ipv4 vrf cust89
 redistribute connected
 neighbor 9.9.97.1 remote-as 65000
 neighbor 9.9.97.1 activate
 neighbor 9.9.97.1 weight 500
 neighbor 134.1.89.1 remote-as 65000
 neighbor 134.1.89.1 activate
 neighbor 134.1.89.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust89
 redistribute connected
 neighbor 9:9::58:1 remote-as 65000
 neighbor 9:9::58:1 activate
 neighbor 9:9::58:1 weight 500
 neighbor 1340:1::58:1 remote-as 65000
 neighbor 1340:1::58:1 activate
 neighbor 1340:1::58:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust9
 redistribute connected
 neighbor 9.9.17.1 remote-as 65000
 neighbor 9.9.17.1 activate
 neighbor 9.9.17.1 weight 500
 neighbor 134.1.9.1 remote-as 65000
 neighbor 134.1.9.1 activate
 neighbor 134.1.9.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust9
 redistribute connected
 neighbor 9:9::8:1 remote-as 65000
 neighbor 9:9::8:1 activate
 neighbor 9:9::8:1 weight 500
 neighbor 1340:1::8:1 remote-as 65000
 neighbor 1340:1::8:1 activate
 neighbor 1340:1::8:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust90
 redistribute connected
 neighbor 9.9.98.1 remote-as 65000
 neighbor 9.9.98.1 activate
 neighbor 9.9.98.1 weight 500
 neighbor 134.1.90.1 remote-as 65000
 neighbor 134.1.90.1 activate
 neighbor 134.1.90.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust90
 redistribute connected
 neighbor 9:9::59:1 remote-as 65000
 neighbor 9:9::59:1 activate
 neighbor 9:9::59:1 weight 500
 neighbor 1340:1::59:1 remote-as 65000
 neighbor 1340:1::59:1 activate
 neighbor 1340:1::59:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust91
 redistribute connected
```

```
 neighbor 9.9.99.1 remote-as 65000
 neighbor 9.9.99.1 activate
 neighbor 9.9.99.1 weight 500
 neighbor 134.1.91.1 remote-as 65000
 neighbor 134.1.91.1 activate
 neighbor 134.1.91.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust91
 redistribute connected
 neighbor 9:9::5A:1 remote-as 65000
 neighbor 9:9::5A:1 activate
 neighbor 9:9::5A:1 weight 500
 neighbor 1340:1::5A:1 remote-as 65000
 neighbor 1340:1::5A:1 activate
 neighbor 1340:1::5A:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust92
 redistribute connected
 neighbor 9.9.100.1 remote-as 65000
 neighbor 9.9.100.1 activate
 neighbor 9.9.100.1 weight 500
 neighbor 134.1.92.1 remote-as 65000
 neighbor 134.1.92.1 activate
 neighbor 134.1.92.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust92
 redistribute connected
 neighbor 9:9::5B:1 remote-as 65000
 neighbor 9:9::5B:1 activate
 neighbor 9:9::5B:1 weight 500
 neighbor 1340:1::5B:1 remote-as 65000
 neighbor 1340:1::5B:1 activate
 neighbor 1340:1::5B:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust93
 redistribute connected
 neighbor 9.9.101.1 remote-as 65000
 neighbor 9.9.101.1 activate
 neighbor 9.9.101.1 weight 500
 neighbor 134.1.93.1 remote-as 65000
 neighbor 134.1.93.1 activate
 neighbor 134.1.93.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust93
 redistribute connected
 neighbor 9:9::5C:1 remote-as 65000
 neighbor 9:9::5C:1 activate
 neighbor 9:9::5C:1 weight 500
 neighbor 1340:1::5C:1 remote-as 65000
 neighbor 1340:1::5C:1 activate
 neighbor 1340:1::5C:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust94
 redistribute connected
 neighbor 9.9.102.1 remote-as 65000
 neighbor 9.9.102.1 activate
 neighbor 9.9.102.1 weight 500
 neighbor 134.1.94.1 remote-as 65000
```

```
 neighbor 134.1.94.1 activate
 neighbor 134.1.94.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust94
 redistribute connected
 neighbor 9:9::5D:1 remote-as 65000
 neighbor 9:9::5D:1 activate
 neighbor 9:9::5D:1 weight 500
 neighbor 1340:1::5D:1 remote-as 65000
 neighbor 1340:1::5D:1 activate
 neighbor 1340:1::5D:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust95
 redistribute connected
 neighbor 9.9.103.1 remote-as 65000
 neighbor 9.9.103.1 activate
 neighbor 9.9.103.1 weight 500
 neighbor 134.1.95.1 remote-as 65000
 neighbor 134.1.95.1 activate
 neighbor 134.1.95.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust95
 redistribute connected
 neighbor 9:9::5E:1 remote-as 65000
 neighbor 9:9::5E:1 activate
 neighbor 9:9::5E:1 weight 500
 neighbor 1340:1::5E:1 remote-as 65000
 neighbor 1340:1::5E:1 activate
 neighbor 1340:1::5E:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust96
 redistribute connected
 neighbor 9.9.104.1 remote-as 65000
 neighbor 9.9.104.1 activate
 neighbor 9.9.104.1 weight 500
 neighbor 134.1.96.1 remote-as 65000
 neighbor 134.1.96.1 activate
 neighbor 134.1.96.1 weight 400
exit-address-family
!
address-family ipv6 vrf cust96
 redistribute connected
 neighbor 9:9::5F:1 remote-as 65000
 neighbor 9:9::5F:1 activate
 neighbor 9:9::5F:1 weight 500
 neighbor 1340:1::5F:1 remote-as 65000
 neighbor 1340:1::5F:1 activate
 neighbor 1340:1::5F:1 weight 400
exit-address-family
!
address-family ipv4 vrf cust97
 redistribute connected
 neighbor 9.9.105.1 remote-as 65000
 neighbor 9.9.105.1 activate
 neighbor 9.9.105.1 weight 500
 neighbor 134.1.97.1 remote-as 65000
 neighbor 134.1.97.1 activate
 neighbor 134.1.97.1 weight 400
exit-address-family
!
```

```
 address-family ipv6 vrf cust97
  redistribute connected
  neighbor 9:9::60:1 remote-as 65000
  neighbor 9:9::60:1 activate
  neighbor 9:9::60:1 weight 500
  neighbor 1340:1::60:1 remote-as 65000
  neighbor 1340:1::60:1 activate
  neighbor 1340:1::60:1 weight 400
 exit-address-family
 !
 address-family ipv4 vrf cust98
  redistribute connected
  neighbor 9.9.106.1 remote-as 65000
  neighbor 9.9.106.1 activate
  neighbor 9.9.106.1 weight 500
  neighbor 134.1.98.1 remote-as 65000
  neighbor 134.1.98.1 activate
  neighbor 134.1.98.1 weight 400
 exit-address-family
 !
 address-family ipv6 vrf cust98
  redistribute connected
  neighbor 9:9::61:1 remote-as 65000
  neighbor 9:9::61:1 activate
  neighbor 9:9::61:1 weight 500
  neighbor 1340:1::61:1 remote-as 65000
  neighbor 1340:1::61:1 activate
  neighbor 1340:1::61:1 weight 400
 exit-address-family
 !
 address-family ipv4 vrf cust99
  redistribute connected
  neighbor 9.9.107.1 remote-as 65000
  neighbor 9.9.107.1 activate
  neighbor 9.9.107.1 weight 500
  neighbor 134.1.99.1 remote-as 65000
  neighbor 134.1.99.1 activate
  neighbor 134.1.99.1 weight 400
 exit-address-family
 !
 address-family ipv6 vrf cust99
  redistribute connected
  neighbor 9:9::62:1 remote-as 65000
  neighbor 9:9::62:1 activate
  neighbor 9:9::62:1 weight 500
  neighbor 1340:1::62:1 remote-as 65000
  neighbor 1340:1::62:1 activate
  neighbor 1340:1::62:1 weight 400
 exit-address-family
!
ip forward-protocol nd
ip forward-protocol udp
!
ip tcp selective-ack
ip tcp mss 1460
ip pim vrf cust1 rp-address 66.0.0.1
ip tftp source-interface GigabitEthernet0
ip tftp blocksize 8192
ip dns server
ip http server
ip http secure-server
ip http client source-interface TenGigabitEthernet0/0/5
ip http client secure-trustpoint SLA-TrustPoint
ip ssh bulk-mode 131072
```

```
ip scp server enable
ip route 0.0.0.0 0.0.0.0 18.18.1.1
ip route 70.70.0.0 255.255.0.0 101.101.3.1
ip route 172.10.1.0 255.255.255.0 101.101.3.1
ip route vrf Mgmt-intf 10.104.45.174 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.220 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.246 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.49.225 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 11.3.0.1
ip route vrf Mgmt-intf 202.153.144.90 255.255.255.255 9.44.0.1
ip route vrf cust1 16.0.0.0 255.0.0.0 134.1.1.1
ip route vrf cust1 48.0.0.0 255.0.0.0 152.1.1.2
ip route vrf cust2 16.0.0.0 255.0.0.0 134.1.2.1
ip route vrf cust2 48.0.0.0 255.0.0.0 152.1.2.2
!
ip access-list extended GETVPN-FAILCLOSE-IN-bw600-LAB
 10 permit ip any any
ip access-list extended GETVPN-FAILCLOSE-OUT-bw600-LAB
 10 permit ip any any
ip access-list extended fc_revert_ipv4
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 deny ip any 15.0.0.0 0.255.255.255
 121 deny ip 117.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 122 deny ip 117.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 123 deny ip 115.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 124 deny ip 120.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 125 deny ip 121.0.0.0 0.255.255.255 120.0.0.0 0.255.255.255
 127 deny ip 190.0.0.0 0.255.255.255 225.0.0.0 0.255.255.255
 137 deny ip 190.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 147 deny ip 119.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 157 deny ip 121.0.0.0 0.255.255.255 119.0.0.0 0.255.255.255
 167 deny ip 123.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 177 deny ip 121.0.0.0 0.255.255.255 123.0.0.0 0.255.255.255
 187 deny ip 121.0.0.0 0.255.255.255 125.0.0.0 0.255.255.255
 197 deny ip 125.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 201 deny ip any 224.0.0.0 0.255.255.255
ip sla 20
 udp-jitter 15.0.0.1 16384 source-ip 9.9.9.2 source-port 16384 num-packets 100 interval 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 20 life forever start-time now
ip sla 30
 udp-jitter 15.0.0.5 16385 source-ip 9.9.9.2 source-port 16385 num-packets 100 interval 10
  request-data-size 50
  tos 230
```

```
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 30 life forever start-time now
ip sla 50
 udp-jitter 190.1.1.1 16776 source-ip 117.1.1.1 source-port 16976 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 50 life forever start-time now
ip sla 51
 udp-jitter 115.1.1.1 16667 source-ip 117.1.1.1 source-port 16557 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 51 life forever start-time now
ip sla 52
 udp-jitter 119.1.1.1 16388 source-ip 121.1.1.1 source-port 16388 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 52 life forever start-time now
ip sla responder
logging trap critical
logging facility local1
logging host 10.104.45.124
logging host 10.104.45.157
logging host 11.3.6.36 vrf Mgmt-intf transport tcp port 514
arp vrf cust1 152.1.1.2 0001.0001.0000 ARPA
arp vrf cust2 152.1.2.2 0001.0001.0000 ARPA
route-map gm1-gm5 permit 10
 set ip next-hop 151.1.1.2
!
route-map gm1-gm5_2 permit 10
 set ip next-hop 151.1.2.2
```

```
!
snmp-server community SNMP RW
snmp-server community public-read RO
snmp-server community public-rw RW
snmp-server community LIVE RW
snmp-server community DNAC RO
snmp-server trap link switchover
snmp-server trap-source GigabitEthernet0
snmp-server location India-bl11lab-3
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps vrrp
snmp-server enable traps pfr
snmp-server enable traps flowmon
snmp-server enable traps ds1
snmp-server enable traps entity-perf throughput-notif
snmp-server enable traps call-home message-send-fail server-fail
snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps casa
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps aaa_server
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change
inconsistency
snmp-server enable traps atm subif
snmp-server enable traps sonet
snmp-server enable traps srp
snmp-server enable traps memory bufferpeak
snmp-server enable traps fru-ctrl
snmp-server enable traps entity-qfp mem-res-thresh throughput-notif
snmp-server enable traps entity-sensor
snmp-server enable traps entity-state
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up
snmp-server enable traps ether-oam
snmp-server enable traps resource-policy
snmp-server enable traps ethernet evc status create delete
snmp-server enable traps event-manager
snmp-server enable traps frame-relay
snmp-server enable traps frame-relay subif
snmp-server enable traps hsrp
snmp-server enable traps dlsw
snmp-server enable traps bgp threshold prefix
snmp-server enable traps bgp cbgp2 threshold prefix
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps ipmulticast
snmp-server enable traps msdp
snmp-server enable traps mvpn
snmp-server enable traps rsvp
snmp-server enable traps isis
snmp-server enable traps dhcp
snmp-server enable traps ip local pool
snmp-server enable traps isdn call-information
snmp-server enable traps isdn layer2
snmp-server enable traps isdn chan-not-avail
snmp-server enable traps isdn ietf
```

```
snmp-server enable traps pki
snmp-server enable traps flash insertion removal lowspace
snmp-server enable traps config
snmp-server enable traps config-ctid
snmp-server enable traps entity
snmp-server enable traps cpu threshold
snmp-server enable traps config-copy
snmp-server enable traps syslog
snmp-server enable traps ospfv3 state-change
snmp-server enable traps ospfv3 errors
snmp-server enable traps adslline
snmp-server enable traps vdsl2line
snmp-server enable traps cnpd
snmp-server enable traps auth-framework sec-violation
snmp-server enable traps pppoe
snmp-server enable traps ipsla
snmp-server enable traps l2tun session
snmp-server enable traps l2tun pseudowire status
snmp-server enable traps pimstdmib neighbor-loss invalid-register invalid-join-prune
rp-mapping-change interface-election
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached
scheduled-test-fail
snmp-server enable traps smart-license
snmp-server enable traps bfd
snmp-server enable traps diameter
snmp-server enable traps mpls rfc ldp
snmp-server enable traps mpls ldp
snmp-server enable traps mpls traffic-eng
snmp-server enable traps mpls fast-reroute protected
snmp-server enable traps otn
snmp-server enable traps pw vc
snmp-server enable traps dial
snmp-server enable traps dsp card-status
snmp-server enable traps dsp oper-state
snmp-server enable traps dsp video-usage
snmp-server enable traps dsp video-out-of-resource
snmp-server enable traps sbc adj-status
snmp-server enable traps sbc blacklist
snmp-server enable traps sbc congestion-alarm
snmp-server enable traps sbc h248-ctrlr-status
snmp-server enable traps sbc media-source
snmp-server enable traps sbc radius-conn-status
snmp-server enable traps sbc sla-violation
snmp-server enable traps sbc sla-violation-rev1
snmp-server enable traps sbc svc-state
snmp-server enable traps sbc qos-statistics
snmp-server enable traps firewall serverstatus
snmp-server enable traps frame-relay multilink bundle-mismatch
snmp-server enable traps ike policy add
snmp-server enable traps ike policy delete
snmp-server enable traps ike tunnel start
snmp-server enable traps ike tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps gdoi gm-start-registration
snmp-server enable traps gdoi gm-registration-complete
snmp-server enable traps gdoi gm-re-register
snmp-server enable traps gdoi gm-rekey-rcvd
snmp-server enable traps gdoi gm-rekey-fail
```

```
snmp-server enable traps gdoi ks-rekey-pushed
snmp-server enable traps gdoi gm-incomplete-cfg
snmp-server enable traps gdoi ks-no-rsa-keys
snmp-server enable traps gdoi ks-new-registration
snmp-server enable traps gdoi ks-reg-complete
snmp-server enable traps gdoi ks-role-change
snmp-server enable traps gdoi ks-gm-deleted
snmp-server enable traps gdoi ks-peer-reachable
snmp-server enable traps gdoi ks-peer-unreachable
snmp-server enable traps alarms informational
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps ethernet cfm alarm
snmp-server enable traps rf
snmp-server enable traps vrfmib vrf-up vrf-down vnet-trunk-up vnet-trunk-down
snmp-server enable traps transceiver all
snmp-server enable traps mpls vpn
snmp-server enable traps mpls rfc vpn
snmp-server enable traps voice
snmp-server host 10.104.45.157 vrf Mgmt-intf version 2c DNAC
snmp-server host 10.104.45.246 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server host 11.3.6.36 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server host 10.104.45.124 version 2c public
snmp-server host 10.104.45.157 vrf Mgmt-intf version 2c public
snmp-server host 10.104.45.124 version 2c public2
snmp-server host 10.104.45.157 version 2c public2
snmp-server manager
!
!
!
!
!
ipv6 access-list GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list fc_revert_ipv6
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 151 deny ipv6 FE80::/16 FF02::/16
 sequence 152 deny ipv6 FF02::/16 FE80::/16
 sequence 153 deny ipv6 FE00::/8 FE00::/8
 sequence 154 deny ipv6 FF00::/8 FF00::/8
 sequence 160 deny ipv6 1190::/16 1210::/16
 sequence 161 deny ipv6 1210::/16 1190::/16
 sequence 163 deny ipv6 1150::/16 1170::/16
 sequence 164 deny ipv6 1200::/16 1210::/16
 sequence 165 deny ipv6 1210::/16 1200::/16
 sequence 180 deny ipv6 1170::/16 1150::/16
 sequence 200 deny ipv6 1900::/16 1170::/16
 sequence 210 deny ipv6 1170::/16 1900::/16
```

```
 sequence 220 deny ipv6 1210::/16 1230::/16
 sequence 230 deny ipv6 1230::/16 1210::/16
 sequence 240 deny ipv6 1210::/16 1250::/16
 sequence 250 deny ipv6 1250::/16 1210::/16
!
control-plane
!
!
!
!
!
!
line con 0
 exec-timeout 0 0
 stopbits 1
line aux 0
line vty 0 4
 password 7 <removed>
 logging synchronous
 length 0
 transport input all
 transport output all
!
call-home
 ! If contact email address in call-home is configured as sch-smart-licensing@cisco.com
 ! the email address configured in Cisco Smart License Portal will be used as contact email
 address to send SCH notifications.
 contact-email-addr sch-smart-licensing@cisco.com
 profile "CiscoTAC-1"
  active
  destination transport-method http
  destination address http
https://tools-stage.cisco.com/its/service/oddce/services/DDCEService
  no destination address http https://tools.cisco.com/its/service/oddce/services/DDCEService

ntp trusted-key 1
ntp source GigabitEthernet0
ntp master 1
ntp server vrf Mgmt-intf 9.44.44.65 prefer
ntp server 171.68.38.65
ntp server vrf Mgmt-intf 11.3.6.10
ntp server vrf Mgmt-intf 9.44.32.54
!
!
netconf ssh
!
!
!
!
!
telemetry ietf subscription 294967224
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967225
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967226
 filter xpath /crypto-ios-xe-events:nhrp-alarm
 stream rfc5277
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967227
 filter xpath /crypto-ios-xe-events:ike-ipsec-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967228
 filter xpath /crypto-ios-xe-events:ike-ipsec-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967229
 filter xpath /qfp-resource-ios-xe-events:qfp-exmem-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967232
 filter xpath /utd-ios-xe-events:utd-con
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967233
 filter xpath /red-app-events:red-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967234
 filter xpath /sse-ios-xe-events:sse-tunnel-params-absent
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967236
 filter xpath /nat-ios-xe-events:nat-route-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967237
 filter xpath /endpoint-tracker-ios-xe-events:tracker-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967238
 filter xpath /dca-ios-xe-events:dca-change-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967239
 filter xpath /geo-ios-xe-events:geo-db-update-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967240
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967241
 filter xpath /appqoe-ios-xe-events:appqoe-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967242
 filter xpath /appqoe-ios-xe-events:appqoe-alarm
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967243
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-expiry
 stream rfc5277
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967244
 filter xpath /line-ios-xe-events:line-state-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967245
 filter xpath /ospf-ios-xe-events:ospfv3-nbr-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967246
 filter xpath /ospf-ios-xe-events:ospfv3-if-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967249
 filter xpath /ios-events-ios-xe-oper:umbrella-dnscrypt-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967250
 filter xpath /ios-events-ios-xe-oper:umbrella-dev-reg-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967251
 filter xpath /ios-events-ios-xe-oper:bridge-interface-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967252
 filter xpath /ios-events-ios-xe-oper:bridge-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967253
 filter xpath /im-events-ios-xe-oper:im-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967254
 filter xpath /ios-events-ios-xe-oper:vrrp-group-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967258
 filter xpath /ios-events-ios-xe-oper:usb-state-change
 stream rfc5277
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967259
 filter xpath /ios-events-ios-xe-oper:tempsensor-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967260
 filter xpath /ios-events-ios-xe-oper:tempsensor-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967261
 filter xpath /ios-events-ios-xe-oper:system-reboot-issued
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967262
 filter xpath /ios-events-ios-xe-oper:system-reboot-complete
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967263
 filter xpath /ios-events-ios-xe-oper:system-logout-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967264
 filter xpath /ios-events-ios-xe-oper:system-login-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967265
 filter xpath /ios-events-ios-xe-oper:system-aaa-login-fail
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967266
 filter xpath /ios-events-ios-xe-oper:sfp-support-state
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967267
 filter xpath /ios-events-ios-xe-oper:sfp-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967268
 filter xpath /ios-events-ios-xe-oper:sdcard-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967269
 filter xpath /ios-events-ios-xe-oper:pim-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967270
 filter xpath /ios-events-ios-xe-oper:pim-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967271
 filter xpath /ios-events-ios-xe-oper:pem-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967272
 filter xpath /ios-events-ios-xe-oper:pem-fault
```

```
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967273
 filter xpath /ios-events-ios-xe-oper:ospf-neighbor-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967274
 filter xpath /ios-events-ios-xe-oper:ospf-interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967275
 filter xpath /ios-events-ios-xe-oper:memory-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967276
 filter xpath /ios-events-ios-xe-oper:interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967277
 filter xpath /ios-events-ios-xe-oper:interface-admin-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967278
 filter xpath /ios-events-ios-xe-oper:flash-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967279
 filter xpath /ios-events-ios-xe-oper:fib-updates
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967280
 filter xpath /ios-events-ios-xe-oper:fantray-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967281
 filter xpath /ios-events-ios-xe-oper:fan-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967282
 filter xpath /ios-events-ios-xe-oper:emmc-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967283
 filter xpath /ios-events-ios-xe-oper:disk-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967284
 filter xpath /ios-events-ios-xe-oper:dhcp-server-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967285
 filter xpath /ios-events-ios-xe-oper:dhcp-address-renewed
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967286
```

```
 filter xpath /ios-events-ios-xe-oper:dhcp-address-released
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967287
 filter xpath /ios-events-ios-xe-oper:dhcp-address-rejected
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967288
 filter xpath /ios-events-ios-xe-oper:dhcp-address-assigned
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967289
 filter xpath /ios-events-ios-xe-oper:cpu-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967290
 filter xpath /ios-events-ios-xe-oper:cellular-sim-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967291
 filter xpath /ios-events-ios-xe-oper:cellular-network-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967292
 filter xpath /ios-events-ios-xe-oper:cellular-modem-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967293
 filter xpath /ios-events-ios-xe-oper:bgp-peer-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967294
 filter xpath /ios-events-ios-xe-oper:app-dpi-flows-out-of-memory
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967295
 filter xpath /ios-events-ios-xe-oper:aaa-admin-pwd-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967244
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967245
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967246
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-file-upload-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
```

```
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967253
 filter xpath /im-events-ios-xe-oper:im-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry receiver protocol confd-rfc5277
 host ip-address 0.0.0.0 0
 protocol rfc5277
netconf-yang
netconf-yang feature candidate-datastore
yang-interfaces feature deprecated disable
sd-routing
 no ipv6-strict-control
 organization-name vmng-scale-ind-getvpn
 site-id 2
 sp-organization-name vmng-scale-ind
 system-ip 192.192.10.2
 vbond name vbond1
 vbond port 12346
 wan-interface TenGigabitEthernet0/0/8
end
```

WAN Aggregation GETVPN GM6 yang commands

Configuration example for GM6

```
!
! Last configuration change at 11:14:26 IST Mon Nov 25 2024
!
version 17.16
service timestamps debug datetime msec localtime show-timezone
service timestamps log datetime localtime
service password-encryption
service internal
service call-home
platform qfp utilization monitor load 80
no platform punt-keepalive disable-kernel-core
platform ipreass threshold ipv4 1024
platform ipreass threshold ipv6 1024
platform hardware throughput crypto 10G
!
hostname site5_gd-2
!
boot-start-marker
boot system bootflash:c8000aep-universalk9.BLD_V1716_THROTTLE_LATEST_20241122_071016.SSA.bin
! Warning: Booting with bundle mode will be deprecated in the near future. Migration to
install mode is required.
boot-end-marker
!
!
vrf definition Mgmt-intf
 !
 address-family ipv4
 exit-address-family
 !
 address-family ipv6
 exit-address-family
!
vrf definition bwi100
 rd 10:10
 !
 address-family ipv4
 exit-address-family
 !
 address-family ipv6
 exit-address-family
!
vrf definition cust1
 rd 101:1
 !
 address-family ipv4
  route-target export 101:1
  route-target import 101:1
 exit-address-family
 !
 address-family ipv6
  route-target export 101:1
  route-target import 101:1
 exit-address-family
!
vrf definition cust10
 rd 110:1
 !
```

```
 address-family ipv4
  route-target export 110:1
  route-target import 110:1
 exit-address-family
 !
 address-family ipv6
  route-target export 110:1
  route-target import 110:1
 exit-address-family
!
vrf definition cust100
 rd 200:1
 !
 address-family ipv4
  route-target export 200:1
  route-target import 200:1
 exit-address-family
 !
 address-family ipv6
  route-target export 200:1
  route-target import 200:1
 exit-address-family
!
vrf definition cust11
 rd 111:1
 !
 address-family ipv4
  route-target export 111:1
  route-target import 111:1
 exit-address-family
 !
 address-family ipv6
  route-target export 111:1
  route-target import 111:1
 exit-address-family
!
vrf definition cust12
 rd 112:1
 !
 address-family ipv4
  route-target export 112:1
  route-target import 112:1
 exit-address-family
 !
 address-family ipv6
  route-target export 112:1
  route-target import 112:1
 exit-address-family
!
vrf definition cust13
 rd 113:1
 !
 address-family ipv4
  route-target export 113:1
  route-target import 113:1
 exit-address-family
 !
 address-family ipv6
  route-target export 113:1
  route-target import 113:1
 exit-address-family
!
vrf definition cust14
 rd 114:1
```

```
 !
 address-family ipv4
  route-target export 114:1
  route-target import 114:1
 exit-address-family
 !
 address-family ipv6
  route-target export 114:1
  route-target import 114:1
 exit-address-family
!
vrf definition cust15
 rd 115:1
 !
 address-family ipv4
  route-target export 115:1
  route-target import 115:1
 exit-address-family
 !
 address-family ipv6
  route-target export 115:1
  route-target import 115:1
 exit-address-family
!
vrf definition cust16
 rd 116:1
 !
 address-family ipv4
  route-target export 116:1
  route-target import 116:1
 exit-address-family
 !
 address-family ipv6
  route-target export 116:1
  route-target import 116:1
 exit-address-family
!
vrf definition cust17
 rd 117:1
 !
 address-family ipv4
  route-target export 117:1
  route-target import 117:1
 exit-address-family
 !
 address-family ipv6
  route-target export 117:1
  route-target import 117:1
 exit-address-family
!
vrf definition cust18
 rd 118:1
 !
 address-family ipv4
  route-target export 118:1
  route-target import 118:1
 exit-address-family
 !
 address-family ipv6
  route-target export 118:1
  route-target import 118:1
 exit-address-family
!
vrf definition cust19
```

```
 rd 119:1
 !
 address-family ipv4
  route-target export 119:1
  route-target import 119:1
 exit-address-family
 !
 address-family ipv6
  route-target export 119:1
  route-target import 119:1
 exit-address-family
!
vrf definition cust2
 rd 102:1
 !
 address-family ipv4
  route-target export 102:1
  route-target import 102:1
 exit-address-family
 !
 address-family ipv6
  route-target export 102:1
  route-target import 102:1
 exit-address-family
!
vrf definition cust20
 rd 120:1
 !
 address-family ipv4
  route-target export 120:1
  route-target import 120:1
 exit-address-family
 !
 address-family ipv6
  route-target export 120:1
  route-target import 120:1
 exit-address-family
!
vrf definition cust21
 rd 121:1
 !
 address-family ipv4
  route-target export 121:1
  route-target import 121:1
 exit-address-family
 !
 address-family ipv6
  route-target export 121:1
  route-target import 121:1
 exit-address-family
!
vrf definition cust22
 rd 122:1
 !
 address-family ipv4
  route-target export 122:1
  route-target import 122:1
 exit-address-family
 !
 address-family ipv6
  route-target export 122:1
  route-target import 122:1
 exit-address-family
!
```

```
vrf definition cust23
 rd 123:1
 !
 address-family ipv4
  route-target export 123:1
  route-target import 123:1
 exit-address-family
 !
 address-family ipv6
  route-target export 123:1
  route-target import 123:1
 exit-address-family
!
vrf definition cust24
 rd 124:1
 !
 address-family ipv4
  route-target export 124:1
  route-target import 124:1
 exit-address-family
 !
 address-family ipv6
  route-target export 124:1
  route-target import 124:1
 exit-address-family
!
vrf definition cust25
 rd 125:1
 !
 address-family ipv4
  route-target export 125:1
  route-target import 125:1
 exit-address-family
 !
 address-family ipv6
  route-target export 125:1
  route-target import 125:1
 exit-address-family
!
vrf definition cust26
 rd 126:1
 !
 address-family ipv4
  route-target export 126:1
  route-target import 126:1
 exit-address-family
 !
 address-family ipv6
  route-target export 126:1
  route-target import 126:1
 exit-address-family
!
vrf definition cust27
 rd 127:1
 !
 address-family ipv4
  route-target export 127:1
  route-target import 127:1
 exit-address-family
 !
 address-family ipv6
  route-target export 127:1
  route-target import 127:1
 exit-address-family
```

```
!
vrf definition cust28
 rd 128:1
 !
 address-family ipv4
  route-target export 128:1
  route-target import 128:1
 exit-address-family
 !
 address-family ipv6
  route-target export 128:1
  route-target import 128:1
 exit-address-family
!
vrf definition cust29
 rd 129:1
 !
 address-family ipv4
  route-target export 129:1
  route-target import 129:1
 exit-address-family
 !
 address-family ipv6
  route-target export 129:1
  route-target import 129:1
 exit-address-family
!
vrf definition cust3
 rd 103:1
 !
 address-family ipv4
  route-target export 103:1
  route-target import 103:1
 exit-address-family
 !
 address-family ipv6
  route-target export 103:1
  route-target import 103:1
 exit-address-family
!
vrf definition cust30
 rd 130:1
 !
 address-family ipv4
  route-target export 130:1
  route-target import 130:1
 exit-address-family
 !
 address-family ipv6
  route-target export 130:1
  route-target import 130:1
 exit-address-family
!
vrf definition cust31
 rd 131:1
 !
 address-family ipv4
  route-target export 131:1
  route-target import 131:1
 exit-address-family
 !
 address-family ipv6
  route-target export 131:1
  route-target import 131:1
```

```
 exit-address-family
!
vrf definition cust32
 rd 132:1
 !
 address-family ipv4
  route-target export 132:1
  route-target import 132:1
 exit-address-family
 !
 address-family ipv6
  route-target export 132:1
  route-target import 132:1
 exit-address-family
!
vrf definition cust33
 rd 133:1
 !
 address-family ipv4
  route-target export 133:1
  route-target import 133:1
 exit-address-family
 !
 address-family ipv6
  route-target export 133:1
  route-target import 133:1
 exit-address-family
!
vrf definition cust34
 rd 134:1
 !
 address-family ipv4
  route-target export 134:1
  route-target import 134:1
 exit-address-family
 !
 address-family ipv6
  route-target export 134:1
  route-target import 134:1
 exit-address-family
!
vrf definition cust35
 rd 135:1
 !
 address-family ipv4
  route-target export 135:1
  route-target import 135:1
 exit-address-family
 !
 address-family ipv6
  route-target export 135:1
  route-target import 135:1
 exit-address-family
!
vrf definition cust36
 rd 136:1
 !
 address-family ipv4
  route-target export 136:1
  route-target import 136:1
 exit-address-family
 !
 address-family ipv6
  route-target export 136:1
```

```
  route-target import 136:1
 exit-address-family
!
vrf definition cust37
 rd 137:1
 !
 address-family ipv4
  route-target export 137:1
  route-target import 137:1
 exit-address-family
 !
 address-family ipv6
  route-target export 137:1
  route-target import 137:1
 exit-address-family
!
vrf definition cust38
 rd 138:1
 !
 address-family ipv4
  route-target export 138:1
  route-target import 138:1
 exit-address-family
 !
 address-family ipv6
  route-target export 138:1
  route-target import 138:1
 exit-address-family
!
vrf definition cust39
 rd 139:1
 !
 address-family ipv4
  route-target export 139:1
  route-target import 139:1
 exit-address-family
 !
 address-family ipv6
  route-target export 139:1
  route-target import 139:1
 exit-address-family
!
vrf definition cust4
 rd 104:1
 !
 address-family ipv4
  route-target export 104:1
  route-target import 104:1
 exit-address-family
 !
 address-family ipv6
  route-target export 104:1
  route-target import 104:1
 exit-address-family
!
vrf definition cust40
 rd 140:1
 !
 address-family ipv4
  route-target export 140:1
  route-target import 140:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 140:1
  route-target import 140:1
 exit-address-family
!
vrf definition cust41
 rd 141:1
 !
 address-family ipv4
  route-target export 141:1
  route-target import 141:1
 exit-address-family
 !
 address-family ipv6
  route-target export 141:1
  route-target import 141:1
 exit-address-family
!
vrf definition cust42
 rd 142:1
 !
 address-family ipv4
  route-target export 142:1
  route-target import 142:1
 exit-address-family
 !
 address-family ipv6
  route-target export 142:1
  route-target import 142:1
 exit-address-family
!
vrf definition cust43
 rd 143:1
 !
 address-family ipv4
  route-target export 143:1
  route-target import 143:1
 exit-address-family
 !
 address-family ipv6
  route-target export 143:1
  route-target import 143:1
 exit-address-family
!
vrf definition cust44
 rd 144:1
 !
 address-family ipv4
  route-target export 144:1
  route-target import 144:1
 exit-address-family
 !
 address-family ipv6
  route-target export 144:1
  route-target import 144:1
 exit-address-family
!
vrf definition cust45
 rd 145:1
 !
 address-family ipv4
  route-target export 145:1
  route-target import 145:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 145:1
  route-target import 145:1
 exit-address-family
!
vrf definition cust46
 rd 146:1
 !
 address-family ipv4
  route-target export 146:1
  route-target import 146:1
 exit-address-family
 !
 address-family ipv6
  route-target export 146:1
  route-target import 146:1
 exit-address-family
!
vrf definition cust47
 rd 147:1
 !
 address-family ipv4
  route-target export 147:1
  route-target import 147:1
 exit-address-family
 !
 address-family ipv6
  route-target export 147:1
  route-target import 147:1
 exit-address-family
!
vrf definition cust48
 rd 148:1
 !
 address-family ipv4
  route-target export 148:1
  route-target import 148:1
 exit-address-family
 !
 address-family ipv6
  route-target export 148:1
  route-target import 148:1
 exit-address-family
!
vrf definition cust49
 rd 149:1
 !
 address-family ipv4
  route-target export 149:1
  route-target import 149:1
 exit-address-family
 !
 address-family ipv6
  route-target export 149:1
  route-target import 149:1
 exit-address-family
!
vrf definition cust5
 rd 105:1
 !
 address-family ipv4
  route-target export 105:1
  route-target import 105:1
 exit-address-family
```

```
 !
 address-family ipv6
  route-target export 105:1
  route-target import 105:1
 exit-address-family
!
vrf definition cust50
 rd 150:1
 !
 address-family ipv4
  route-target export 150:1
  route-target import 150:1
 exit-address-family
 !
 address-family ipv6
  route-target export 150:1
  route-target import 150:1
 exit-address-family
!
vrf definition cust51
 rd 151:1
 !
 address-family ipv4
  route-target export 151:1
  route-target import 151:1
 exit-address-family
 !
 address-family ipv6
  route-target export 151:1
  route-target import 151:1
 exit-address-family
!
vrf definition cust52
 rd 152:1
 !
 address-family ipv4
  route-target export 152:1
  route-target import 152:1
 exit-address-family
 !
 address-family ipv6
  route-target export 152:1
  route-target import 152:1
 exit-address-family
!
vrf definition cust53
 rd 153:1
 !
 address-family ipv4
  route-target export 153:1
  route-target import 153:1
 exit-address-family
 !
 address-family ipv6
  route-target export 153:1
  route-target import 153:1
 exit-address-family
!
vrf definition cust54
 rd 154:1
 route-target import 165:1
 !
 address-family ipv4
  route-target export 154:1
```

```
  route-target import 154:1
 exit-address-family
 !
 address-family ipv6
  route-target export 154:1
  route-target import 154:1
 exit-address-family
!
vrf definition cust55
 rd 155:1
 !
 address-family ipv4
  route-target export 155:1
  route-target import 155:1
 exit-address-family
 !
 address-family ipv6
  route-target export 155:1
  route-target import 155:1
 exit-address-family
!
vrf definition cust56
 rd 156:1
 !
 address-family ipv4
  route-target export 156:1
  route-target import 156:1
 exit-address-family
 !
 address-family ipv6
  route-target export 156:1
  route-target import 156:1
 exit-address-family
!
vrf definition cust57
 rd 157:1
 !
 address-family ipv4
  route-target export 157:1
  route-target import 157:1
 exit-address-family
 !
 address-family ipv6
  route-target export 157:1
  route-target import 157:1
 exit-address-family
!
vrf definition cust58
 rd 158:1
 !
 address-family ipv4
  route-target export 158:1
  route-target import 158:1
 exit-address-family
 !
 address-family ipv6
  route-target export 158:1
  route-target import 158:1
 exit-address-family
!
vrf definition cust59
 rd 159:1
 !
 address-family ipv4
```

```
  route-target export 159:1
  route-target import 159:1
 exit-address-family
 !
 address-family ipv6
  route-target export 159:1
  route-target import 159:1
 exit-address-family
!
vrf definition cust6
 rd 106:1
 !
 address-family ipv4
  route-target export 106:1
  route-target import 106:1
 exit-address-family
 !
 address-family ipv6
  route-target export 106:1
  route-target import 106:1
 exit-address-family
!
vrf definition cust60
 rd 160:1
 !
 address-family ipv4
  route-target export 160:1
  route-target import 160:1
 exit-address-family
 !
 address-family ipv6
  route-target export 160:1
  route-target import 160:1
 exit-address-family
!
vrf definition cust61
 rd 161:1
 !
 address-family ipv4
  route-target export 161:1
  route-target import 161:1
 exit-address-family
 !
 address-family ipv6
  route-target export 161:1
  route-target import 161:1
 exit-address-family
!
vrf definition cust62
 rd 162:1
 !
 address-family ipv4
  route-target export 162:1
  route-target import 162:1
 exit-address-family
 !
 address-family ipv6
  route-target export 162:1
  route-target import 162:1
 exit-address-family
!
vrf definition cust63
 rd 163:1
 !
```

```
 address-family ipv4
  route-target export 163:1
  route-target import 163:1
 exit-address-family
 !
 address-family ipv6
  route-target export 163:1
  route-target import 163:1
 exit-address-family
!
vrf definition cust64
 rd 164:1
 !
 address-family ipv4
  route-target export 164:1
  route-target import 164:1
 exit-address-family
 !
 address-family ipv6
  route-target export 164:1
  route-target import 164:1
 exit-address-family
!
vrf definition cust65
 rd 165:1
 !
 address-family ipv4
  route-target export 165:1
  route-target import 165:1
 exit-address-family
 !
 address-family ipv6
  route-target export 165:1
  route-target import 165:1
 exit-address-family
!
vrf definition cust66
 rd 166:1
 !
 address-family ipv4
  route-target export 166:1
  route-target import 166:1
 exit-address-family
 !
 address-family ipv6
  route-target export 166:1
  route-target import 166:1
 exit-address-family
!
vrf definition cust67
 rd 167:1
 !
 address-family ipv4
  route-target export 167:1
  route-target import 167:1
 exit-address-family
 !
 address-family ipv6
  route-target export 167:1
  route-target import 167:1
 exit-address-family
!
vrf definition cust68
 rd 168:1
```

```
 !
 address-family ipv4
  route-target export 168:1
  route-target import 168:1
 exit-address-family
 !
 address-family ipv6
  route-target export 168:1
  route-target import 168:1
 exit-address-family
!
vrf definition cust69
 rd 169:1
 !
 address-family ipv4
  route-target export 169:1
  route-target import 169:1
 exit-address-family
 !
 address-family ipv6
  route-target export 169:1
  route-target import 169:1
 exit-address-family
!
vrf definition cust7
 rd 107:1
 !
 address-family ipv4
  route-target export 107:1
  route-target import 107:1
 exit-address-family
 !
 address-family ipv6
  route-target export 107:1
  route-target import 107:1
 exit-address-family
!
vrf definition cust70
 rd 170:1
 !
 address-family ipv4
  route-target export 170:1
  route-target import 170:1
 exit-address-family
 !
 address-family ipv6
  route-target export 170:1
  route-target import 170:1
 exit-address-family
!
vrf definition cust71
 rd 171:1
 !
 address-family ipv4
  route-target export 171:1
  route-target import 171:1
 exit-address-family
 !
 address-family ipv6
  route-target export 171:1
  route-target import 171:1
 exit-address-family
!
vrf definition cust72
```

```
 rd 172:1
 !
 address-family ipv4
  route-target export 172:1
  route-target import 172:1
 exit-address-family
 !
 address-family ipv6
  route-target export 172:1
  route-target import 172:1
 exit-address-family
!
vrf definition cust73
 rd 173:1
 route-target import 184:1
 !
 address-family ipv4
  route-target export 173:1
  route-target import 173:1
 exit-address-family
 !
 address-family ipv6
  route-target export 173:1
  route-target import 173:1
 exit-address-family
!
vrf definition cust74
 rd 174:1
 !
 address-family ipv4
  route-target export 174:1
  route-target import 174:1
 exit-address-family
 !
 address-family ipv6
  route-target export 174:1
  route-target import 174:1
 exit-address-family
!
vrf definition cust75
 rd 175:1
 !
 address-family ipv4
  route-target export 175:1
  route-target import 175:1
 exit-address-family
 !
 address-family ipv6
  route-target export 175:1
  route-target import 175:1
 exit-address-family
!
vrf definition cust76
 rd 176:1
 !
 address-family ipv4
  route-target export 176:1
  route-target import 176:1
 exit-address-family
 !
 address-family ipv6
  route-target export 176:1
  route-target import 176:1
 exit-address-family
```

```
!
vrf definition cust77
 rd 177:1
 !
 address-family ipv4
  route-target export 177:1
  route-target import 177:1
 exit-address-family
 !
 address-family ipv6
  route-target export 177:1
  route-target import 177:1
 exit-address-family
!
vrf definition cust78
 rd 178:1
 !
 address-family ipv4
  route-target export 178:1
  route-target import 178:1
 exit-address-family
 !
 address-family ipv6
  route-target export 178:1
  route-target import 178:1
 exit-address-family
!
vrf definition cust79
 rd 179:1
 !
 address-family ipv4
  route-target export 179:1
  route-target import 179:1
 exit-address-family
 !
 address-family ipv6
  route-target export 179:1
  route-target import 179:1
 exit-address-family
!
vrf definition cust8
 rd 108:1
 !
 address-family ipv4
  route-target export 108:1
  route-target import 108:1
 exit-address-family
 !
 address-family ipv6
  route-target export 108:1
  route-target import 108:1
 exit-address-family
!
vrf definition cust80
 rd 180:1
 !
 address-family ipv4
  route-target export 180:1
  route-target import 180:1
 exit-address-family
 !
 address-family ipv6
  route-target export 180:1
  route-target import 180:1
```

```
 exit-address-family
!
vrf definition cust81
 rd 181:1
 !
 address-family ipv4
  route-target export 181:1
  route-target import 181:1
 exit-address-family
 !
 address-family ipv6
  route-target export 181:1
  route-target import 181:1
 exit-address-family
!
vrf definition cust82
 rd 182:1
 !
 address-family ipv4
  route-target export 182:1
  route-target import 182:1
 exit-address-family
 !
 address-family ipv6
  route-target export 182:1
  route-target import 182:1
 exit-address-family
!
vrf definition cust83
 rd 183:1
 !
 address-family ipv4
  route-target export 183:1
  route-target import 183:1
 exit-address-family
 !
 address-family ipv6
  route-target export 183:1
  route-target import 183:1
 exit-address-family
!
vrf definition cust84
 rd 184:1
 !
 address-family ipv4
  route-target export 184:1
  route-target import 184:1
 exit-address-family
 !
 address-family ipv6
  route-target export 184:1
  route-target import 184:1
 exit-address-family
!
vrf definition cust85
 rd 185:1
 !
 address-family ipv4
  route-target export 185:1
  route-target import 185:1
 exit-address-family
 !
 address-family ipv6
  route-target export 185:1
```

```
  route-target import 185:1
 exit-address-family
!
vrf definition cust86
 rd 186:1
 !
 address-family ipv4
  route-target export 186:1
  route-target import 186:1
 exit-address-family
 !
 address-family ipv6
  route-target export 186:1
  route-target import 186:1
 exit-address-family
!
vrf definition cust87
 rd 187:1
 !
 address-family ipv4
  route-target export 187:1
  route-target import 187:1
 exit-address-family
 !
 address-family ipv6
  route-target export 187:1
  route-target import 187:1
 exit-address-family
!
vrf definition cust88
 rd 188:1
 !
 address-family ipv4
  route-target export 188:1
  route-target import 188:1
 exit-address-family
 !
 address-family ipv6
  route-target export 188:1
  route-target import 188:1
 exit-address-family
!
vrf definition cust89
 rd 189:1
 !
 address-family ipv4
  route-target export 189:1
  route-target import 189:1
 exit-address-family
 !
 address-family ipv6
  route-target export 189:1
  route-target import 189:1
 exit-address-family
!
vrf definition cust9
 rd 109:1
 !
 address-family ipv4
  route-target export 109:1
  route-target import 109:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 109:1
  route-target import 109:1
 exit-address-family
!
vrf definition cust90
 rd 190:1
 !
 address-family ipv4
  route-target export 190:1
  route-target import 190:1
 exit-address-family
 !
 address-family ipv6
  route-target export 190:1
  route-target import 190:1
 exit-address-family
!
vrf definition cust91
 rd 191:1
 !
 address-family ipv4
  route-target export 191:1
  route-target import 191:1
 exit-address-family
 !
 address-family ipv6
  route-target export 191:1
  route-target import 191:1
 exit-address-family
!
vrf definition cust92
 rd 192:1
 !
 address-family ipv4
  route-target export 192:1
  route-target import 192:1
 exit-address-family
 !
 address-family ipv6
  route-target export 192:1
  route-target import 192:1
 exit-address-family
!
vrf definition cust93
 rd 193:1
 !
 address-family ipv4
  route-target export 193:1
  route-target import 193:1
 exit-address-family
 !
 address-family ipv6
  route-target export 193:1
  route-target import 193:1
 exit-address-family
!
vrf definition cust94
 rd 194:1
 !
 address-family ipv4
  route-target export 194:1
  route-target import 194:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 194:1
  route-target import 194:1
 exit-address-family
!
vrf definition cust95
 rd 195:1
 !
 address-family ipv4
  route-target export 195:1
  route-target import 195:1
 exit-address-family
 !
 address-family ipv6
  route-target export 195:1
  route-target import 195:1
 exit-address-family
!
vrf definition cust96
 rd 196:1
 !
 address-family ipv4
  route-target export 196:1
  route-target import 196:1
 exit-address-family
 !
 address-family ipv6
  route-target export 196:1
  route-target import 196:1
 exit-address-family
!
vrf definition cust97
 rd 197:1
 !
 address-family ipv4
  route-target export 197:1
  route-target import 197:1
 exit-address-family
 !
 address-family ipv6
  route-target export 197:1
  route-target import 197:1
 exit-address-family
!
vrf definition cust98
 rd 198:1
 !
 address-family ipv4
  route-target export 198:1
  route-target import 198:1
 exit-address-family
 !
 address-family ipv6
  route-target export 198:1
  route-target import 198:1
 exit-address-family
!
vrf definition cust99
 rd 199:1
 !
 address-family ipv4
  route-target export 199:1
  route-target import 199:1
 exit-address-family
```

```
 !
 address-family ipv6
  route-target export 199:1
  route-target import 199:1
 exit-address-family
!
logging count
logging queue-limit 10000
logging buffered 2047483647
aaa new-model
!
!
aaa group server tacacs+ mgmt
 server-private 9.45.47.245 key 7 051F031C3545400E485744
 server-private 10.104.45.220 key 7 021201481F0F01261D1C5A
 ip vrf forwarding Mgmt-intf
 ip tacacs source-interface GigabitEthernet0
!
aaa authentication login default local
aaa authentication enable default enable
aaa authorization console
aaa authorization exec default local
!
!
aaa session-id common
clock timezone IST 5 30
!
!
subscriber service multiple-accept
subscriber templating
subscriber session auto-service-fail-ignore
!
ip multicast-routing distributed
ip multicast-routing vrf cust1 distributed
ip host vbond1 70.70.70.125
ip domain lookup source-interface TenGigabitEthernet0/0/7
ip domain name cisco.com
ip domain name vrf Mgmt-intf cisco.com
!
!
!
!
!
!
!
!
!
!
login on-success log
!
!
!
!
!
ipv6 source-route
ipv6 nd cache expire refresh
ipv6 unicast-routing
!
!
!
!
!
!
```

```
avc sd-service
 segment cisco
 controller
  address 192.168.14.5
  source-interface TenGigabitEthernet0/0/1.1
 !
!
!
flow record flow_record_ipv4
 description flow and application visibility records
 match routing vrf input
 match interface input
 match interface output
 match application name
 match ipv4 destination address
 match ipv4 protocol
 match ipv4 source address
 match transport destination-port
 match transport source-port
 match ipv4 tos
 match flow direction
 match flow sampler
 match flow cts source group-tag
 match flow cts destination group-tag
 match ipv4 version
 collect counter bytes long
 collect counter packets long
 collect connection id long
 collect connection initiator
 collect counter bytes sdwan dropped long
 collect counter packets sdwan dropped long
 collect flow end-reason
 collect ipv4 dscp
 collect overlay session id input
 collect overlay session id output
 collect timestamp absolute first
 collect timestamp absolute last
 collect transport tcp flags
 collect drop cause id
 collect routing next-hop address ipv4
 collect ipv4 ttl minimum
 collect ipv4 ttl maximum
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
!
!
flow record flow_record_ipv6
 description ezPM record
 match routing vrf input
 match interface input
 match interface output
 match application name
 match ipv6 traffic-class
 match ipv6 protocol
 match ipv6 source address
 match ipv6 destination address
 match flow cts source group-tag
 match flow cts destination group-tag
 match transport source-port
 match transport destination-port
 match flow direction
 match flow sampler
 collect counter bytes long
 collect counter packets long
```

```
 collect transport tcp flags
 collect connection id long
 collect connection initiator
 collect counter bytes sdwan dropped long
 collect counter packets sdwan dropped long
 collect flow end-reason
 collect overlay session id input
 collect overlay session id output
 collect timestamp absolute first
 collect timestamp absolute last
 collect drop cause id
 collect routing next-hop address ipv4
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
!
!
flow exporter non-fabric-1
 destination local controller
 export-protocol ipfix
 template data timeout 300
 option interface-table timeout 300
 option vrf-table
 option application-table timeout 300
 option application-attributes timeout 300
!
!
flow exporter non-fabric-2
 destination 10.104.45.174
 template data timeout 60
 option vrf-table
!
!
flow monitor non-fabric-app-visiblility-v4
 exporter non-fabric-1
 exporter non-fabric-2
 cache timeout inactive 10
 cache timeout active 60
 cache entries 2000000
 record flow_record_ipv4
!
!
flow monitor non-fabric-app-visiblility-v6
 exporter non-fabric-1
 exporter non-fabric-2
 cache timeout inactive 10
 cache timeout active 60
 cache entries 2000000
 record flow_record_ipv6
!
!
!
crypto pki trustpoint SLA-TrustPoint
 enrollment terminal
 revocation-check crl
 hash sha256
!
crypto pki trustpoint TP-self-signed-1623358661
 enrollment selfsigned
 subject-name cn=IOS-Self-Signed-Certificate-1623358661
 revocation-check none
 rsakeypair TP-self-signed-1623358661
 hash sha256
!
crypto pki trustpoint TP-self-signed-195386134
```

```
 enrollment selfsigned
 subject-name cn=IOS-Self-Signed-Certificate-195386134
 revocation-check none
 rsakeypair TP-self-signed-195386134
 hash sha256
!
crypto pki trustpoint DNAC-CA
 enrollment mode ra
 enrollment terminal
 usage ssl-client
 revocation-check crl none
 source interface GigabitEthernet0
 hash sha256
!
crypto pki trustpoint CA_SERVER
 enrollment url http://11.3.6.10:80
 serial-number
 subject-name cn=cisco1.cisco.com
 subject-alt-name cisco1.cisco.com
 vrf Mgmt-intf
 revocation-check crl
 rsakeypair cisco3key 4096
 hash sha256
!
!
crypto pki certificate chain SLA-TrustPoint
 certificate ca 01
  30820321 30820209 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32310E30 0C060355 040A1305 43697363 6F312030 1E060355 04031317 43697363
  6F204C69 63656E73 696E6720 526F6F74 20434130 1E170D31 33303533 30313934
  3834375A 170D3338 30353330 31393438 34375A30 32310E30 0C060355 040A1305
  43697363 6F312030 1E060355 04031317 43697363 6F204C69 63656E73 696E6720
  526F6F74 20434130 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 A6BCBD96 131E05F7 145EA72C 2CD686E6 17222EA1 F1EFF64D
  CBB4C798 212AA147 C655D8D7 9471380D 8711441E 1AAF071A 9CAE6388 8A38E520
  1C394D78 462EF239 C659F715 B98C0A59 5BBB5CBD 0CFEBEA3 700A8BF7 D8F256EE
  4AA4E80D DB6FD1C9 60B1FD18 FFC69C96 6FA68957 A2617DE7 104FDC5F EA2956AC
  7390A3EB 2B5436AD C847A2C5 DAB553EB 69A9A535 58E9F3E3 C0BD23CF 58BD7188
  68E69491 20F320E7 948E71D7 AE3BCC84 F10684C7 4BC8E00F 539BA42B 42C68BB7
  C7479096 B4CB2D62 EA2F505D C7B062A4 6811D95B E8250FC4 5D5D5FB8 8F27D191
  C55F0D76 61F9A4CD 3D992327 A8BB03BD 4E6D7069 7CBADF8B DF5F4368 95135E44
  DFC7C6CF 04DD7FD1 02030100 01A34230 40300E06 03551D0F 0101FF04 04030201
  06300F06 03551D13 0101FF04 05300301 01FF301D 0603551D 0E041604 1449DC85
  4B3D31E5 1B3E6A17 606AF333 3D3B4C73 E8300D06 092A8648 86F70D01 010B0500
  03820101 00507F24 D3932A66 86025D9F E838AE5C 6D4DF6B0 49631C78 240DA905
  604EDCDE FF4FED2B 77FC460E CD636FDB DD44681E 3A5673AB 9093D3B1 6C9E3D8B
  D98987BF E40CBD9E 1AECA0C2 2189BB5C 8FA85686 CD98B646 5575B146 8DFC66A8
  467A3DF4 4D565700 6ADF0F0D CF835015 3C04FF7C 21E878AC 11BA9CD2 55A9232C
  7CA7B7E6 C1AF74F6 152E99B7 B1FCF9BB E973DE7F 5BDDEB86 C71E3B49 1765308B
  5FB0DA06 B92AFE7F 494E8A9E 07B85737 F3A58BE1 1A48A229 C37C1E69 39F08678
  80DDCD16 D6BACECA EEBC7CF9 8428787B 35202CDC 60E4616A B623CDBD 230E3AFB
  418616A9 4093E049 4D10AB75 27E86F73 932E35B5 8862FDAE 0275156F 719BB2F0
  D697DF7F 28
   quit
crypto pki certificate chain TP-self-signed-1623358661
 certificate self-signed 01
  30820330 30820218 A0030201 02020101 300D0609 2A864886 F70D0101 05050030
  31312F30 2D060355 04031326 494F532D 53656C66 2D536967 6E65642D 43657274
  69666963 6174652D 31363233 33353836 3631301E 170D3231 31303037 30353530
  30355A17 0D333131 30303730 35353030 355A3031 312F302D 06035504 03132649
  4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D31 36323333
  35383636 31308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201
  0A028201 0100B0CD D917F803 FABCB62C 9A871EDF 95621B5C 143D4484 F55B492B
  521E33CF 7D7210D4 95608F78 D54A0169 07193950 AE9FE9D7 BAE3FCAD 07CD9D87
```

```
  F8487DE0 0220A2E3 4973F59C E4CC19C3 D9BE8F84 C2651A5A 51CD3FFD E84A68B7
  4D5180F3 C32259BC 1AFA403D 9FBC5804 A69DAE33 C4FDE580 A0180682 39DBD9A6
  DFFC2457 96CFE0F6 C01EA19B 9DFB5A5B 9913B90D B551E402 73BA41A9 853658A8
  374990EB A861FAB3 42B322C7 9B65729D 05AA5A45 48A6D218 F9DCB72E 2D01C829
  1AA39A35 84F0879B 59911D7D ABA12656 F3932F82 074943D8 00225AD0 1AAED1A6
  E2BD3A42 CE7E704C 4393041B 5E9EC2AD 6EF0D37A 750A9B33 5BDB165D FD2E22A3
  24897410 C98D0203 010001A3 53305130 0F060355 1D130101 FF040530 030101FF
  301F0603 551D2304 18301680 14B2805E 2F3ABB61 649FCA4E D5817986 22D30009
  66301D06 03551D0E 04160414 B2805E2F 3ABB6164 9FCA4ED5 81798622 D3000966
  300D0609 2A864886 F70D0101 05050003 82010100 0392D542 4F38631C F48F25CF
  C394A2D8 F3753838 50BD7B3A 42323552 85B1A087 3C556F26 64DC71FF 03D4F194
  5ABF66DE 3BC2ECD6 82ADB7D4 6BFE45DC A38AB7E8 882C32E5 AD0EFD3F 799F320D
  80790C80 2C52D5FE 8296975D 2B5B8A5A B8961DEF 63697978 0E418E44 A2D03FF7
  D32941AF 4F2F65C4 A1783C53 08C1C261 E9F73CE7 E6B68F5B 24D96DD2 15843DFC
  1E4A6C6F 133E9F33 8449ADE1 610AD9CD 2509734C DC22D8B3 8643F743 1278FAFB
  BFE6AC69 7C2B5A39 DDDE1452 60C84829 6B61B8F2 25248014 E0D97AFC 44022FD3
  98419FBD 0F7C16CD 2DCFAED4 392D739C A81CB55C BF022E3A 58035C67 A425B389
  70C9A66A D5218C4D D2D1B2AD 6D53263E E1430FF9
   quit
crypto pki certificate chain TP-self-signed-195386134
crypto pki certificate chain DNAC-CA
 certificate ca 008CEBC5998CCC0723
  30820397 3082027F A0030201 02020900 8CEBC599 8CCC0723 300D0609 2A864886
  F70D0101 0B050030 62312D30 2B060355 04030C24 34333766 31353464 2D303934
  342D3461 34362D35 3732612D 36636231 31386335 62346636 31163014 06035504
  0A0C0D43 6973636F 20537973 74656D73 31193017 06035504 0B0C1043 6973636F
  20444E41 2043656E 74657230 1E170D32 30303131 37303732 3033375A 170D3232
  31303133 30373230 33375A30 62312D30 2B060355 04030C24 34333766 31353464
  2D303934 342D3461 34362D35 3732612D 36636231 31386335 62346636 31163014
  06035504 0A0C0D43 6973636F 20537973 74656D73 31193017 06035504 0B0C1043
  6973636F 20444E41 2043656E 74657230 82012230 0D06092A 864886F7 0D010101
  05000382 010F0030 82010A02 82010100 B74CDD87 D751371A E41C1DF9 07C979F7
  E2DA6699 B888FB7C CDD978FA E2930DD1 F468CE62 0A32D3FC 3146F05D 4F51F454
  26F6F44A C20C56EC A1A47A4C 28888223 B9B6C8A8 4BB6AE38 FBD40781 D3688288
  2A783031 BA3C3CC1 528D1308 66B4FB8B 22D7D4C2 BACE79B2 B04C0012 0A9D6EC5
  697B59D6 43FED4E5 8E291257 0D4BD80F 802FE793 80BA5D5C 3DBBAC88 2A0A0CC8
  C4B0233C 9A516E11 42ABDFA3 8C75D528 486D1920 BB49DE9E CF6EDB6F A37EB2EB
  A95C6D11 2EB5CC16 234388E5 3F05511E 8669045F 9FA3A8A0 D86254D3 04A24F4F
  E8CA858F CECFB9AA 43195B29 068EB481 B205AC27 75E454D0 EEA3A69F 5E9B8FCD
  207ADF3F A060477D B3A8100B 3A167B31 02030100 01A35030 4E301D06 03551D0E
  04160414 E7DE527C 009CC91C D11F0CFD 6E700CBB A46605C7 301F0603 551D2304
  18301680 14E7DE52 7C009CC9 1CD11F0C FD6E700C BBA46605 C7300C06 03551D13
  04053003 0101FF30 0D06092A 864886F7 0D01010B 05000382 010100A9 E5BF546B
  0E1F12DB C5400362 C579EF0E A42B7D0A 9D2039FA DBC02363 B747327C E2187ECB
  16E1C54A 46A4A458 8B578EDF AAFEFF3F 3B9DE466 A3C49FA7 63A14AC4 2B681A7D
  3268F699 7022361C 388F1BCA 3A970437 2F4F5BDD 9BF8CE8E 3E8641C7 E8ED217F
  DD27A3B4 D1AD601C 15E6C3BB F686D81C 90B7ED5E 3CEFBB03 4A93C9D0 CB955958
  D2DF715E ECD659EA 32C2BDDF 241483E9 E1E499E5 1B8220FA 94411819 755F42F2
  540B7132 E18CCAFA 935FC88A 09A40AB3 8E1D3BE8 F2B98732 650855D1 FD4DAE8E
  792B96E7 24F8896D EE257A35 F32153EE 6643F4DA B73A8A94 A35C8585 36506732
  599249B2 00A5FECE CD09D355 A6EF2E63 26346355 C2EB967A 00D3E8
   quit
crypto pki certificate chain CA_SERVER
 certificate 00D5
  3082046E 30820356 A0030201 02020200 D5300D06 092A8648 86F70D01 010B0500
  30323111 300F0603 55040B13 084D4143 53454344 54311D30 1B060355 04031314
  4341312E 6D616373 65632E63 6973636F 2E636F6D 301E170D 32343032 32343131
  33313030 5A170D32 35303232 33313133 3130305A 30543119 30170603 55040313
  10636973 636F312E 63697363 6F2E636F 6D313730 12060355 0405130B 54544D32
  35323230 31544E30 2106092A 864886F7 0D010902 16147369 7465355F 67642D32
  2E636973 636F2E63 6F6D3082 0222300D 06092A86 4886F70D 01010105 00038202
  0F003082 020A0282 0201009D 0AAC419F E14080F7 68F59D0D FA187F31 FE581275
  D764CFD0 DCB3AF90 FFC744CC 13D8ACCC A561AD42 AF4061F6 ED11D00D 25DB64B8
  3F5BBD94 4EE61A5C 39A7D26C 2ED7FE30 07E41517 DF017204 2984F048 D7FB98DF
```

```
  45608832 1FBDF391 1898818C 2359FAA5 490490A5 2B9E3E0D 90E5B281 D3F0C29D
  215DDC9F D7E90BCD DBDC2D86 E4253858 AC963ACB 89240BB4 4CA37A14 3773761D
  885104D7 19FF6602 44535C18 2F04A0A4 2F6F9CDE 5E714CCC E3955A52 E69EFE9A
  7212BD26 95B6CB80 82EAD0C3 6C345185 1FAB68C8 0465150E B3F5BD68 2CBF1A92
  CF7A2240 D2ACBC2D 514111C7 925962FA 9985A353 082A6653 F32E0996 EE34FA7A
  C61B3869 36B02C85 7467767A 7932417B E8D5CC34 571AB879 9CBDFAA4 95B362DA
  7BA248B4 DFF9C7A3 84CA7E7D 4F9E65E9 A6F94DAC E3DE068A B437DE0D 46D890D5
  0D50E1D4 E8B6F484 394D7BDA 5A59F779 E57CEC8E C14E992F EC8D157B 27499D3C
  B05E6571 ED993392 CCB35D8E 8A9A6349 08A3DAE8 E131BF93 9A970C04 EB355D5C
  A9EFA70E A51E2EB5 DAAEB2C6 25597F4D 3035A46C C5642343 A7462C91 B8A863A2
  C4C5AC79 E7D7CD15 5AB538AA 401DDEBD ECC0D704 668D19C1 6677B619 CF822D1E
  68F2C921 181EC8E1 55A6010A 83E30C24 F1BDD0A1 94AD75F0 429B2DFC 4155F11C
  E4D2DCF5 CC18292D 6D836335 8D57ED3A AF738782 0FD6D49D 20D31B22 02C8DDF8
  BA3EADB9 2CC8457C 92793902 03010001 A36C306A 300B0603 551D0F04 04030205
  A0301B06 03551D11 04143012 82106369 73636F31 2E636973 636F2E63 6F6D301F
  0603551D 23041830 1680144F 17A63A9E 351FAD25 A7D2736B 49D4EDA0 7B3BD630
  1D060355 1D0E0416 0414CAFF CAB349DC 38EFD96D 96AE34EF 983F6976 03E6300D
  06092A86 4886F70D 01010B05 00038201 01003868 8D23323C 60110869 AAEE9F4F
  49778788 4DD26C1C 12F35699 17BC2281 7628857D 8D4CC66C 1A3FFBBB 1FDCB96D
  EFEEFBB1 82A17523 40C81DDF 9F16027B A25DC5E4 41C40474 D2A917A3 63CCD9BF
  82761C32 F927D23B 834F6E29 9365E2DE A9D47C59 3B2F63EA CCB55CB1 068721F4
  654E9B94 EE751F8E 2D671FBA 45303F7B 17EC6E2A 4392CB84 0EC7F3CD 653E6743
  64BFFF9F 6D1F9192 81BF95BC 4D8628A0 255EFDFF E2A74996 CE6F9B45 A03B7A3C
  D3CED120 18DE5134 A6E3698B E0509AB1 5C73D9B0 5E62FFDD 4064CA00 818F60B9
  B3D6DE68 018C77B1 3F3246EC D376AC11 A8EDA87C 03842229 294BACFB D7F9825D
  A3CA1388 3D1B5793 F1280B35 0A73CA85 4EA5
   quit
 certificate ca 01
  30820342 3082022A A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32311130 0F060355 040B1308 4D414353 45434454 311D301B 06035504 03131443
  41312E6D 61637365 632E6369 73636F2E 636F6D30 1E170D32 33313032 31303634
  3733355A 170D3236 31303230 30363437 33355A30 32311130 0F060355 040B1308
  4D414353 45434454 311D301B 06035504 03131443 41312E6D 61637365 632E6369
  73636F2E 636F6D30 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 8D0A804C 5DDA17D4 D900E751 18B8A7DC A250DAD3 B81E78F2
  D6143A51 590E8D9B 12D3CD2C 2C5E0552 D541486C 3E314319 A0053048 38EC0C19
  66983A6A 3D8FF654 611C61BA F9616B1F C86CC2EE 6DB2DCA5 048009F5 38972032
  F4A29685 989008E5 90E6FA05 86630E47 D05A6FB8 0EF7A243 2CD69ECE 21921403
  5126012D ECB211A5 561F732E 5355478C 33B325CD 63E625B9 5216308D A3EB96D8
  953872EE 1ED1AC8F 9904AF9D 46ECBBBA B4AC90E2 3BFFC0EA 48BF1FB4 35F84396
  88013F3D 5F0DFEC4 C4818BBF 7A64BF7B 61181CA7 3B19260C 5CB81EBD B1323E3D
  C01CA69F 1BAF7A6E E56CD8AB 0F4A4B25 06D4E0F3 4E117481 C6087831 CA4090E8
  B191244E 4B815433 02030100 01A36330 61300F06 03551D13 0101FF04 05300301
  01FF300E 0603551D 0F0101FF 04040302 0186301F 0603551D 23041830 1680144F
  17A63A9E 351FAD25 A7D2736B 49D4EDA0 7B3BD630 1D060355 1D0E0416 04144F17
  A63A9E35 1FAD25A7 D2736B49 D4EDA07B 3BD6300D 06092A86 4886F70D 01010B05
  00038201 01000239 E2CE1270 9DD72ADE 5D853D95 175EEFB1 E7B825F6 4A221236
  C6532B0A 5529415F 29DD05F0 44F76DEA B8EE9463 F047091B 1F9371D5 D39FC812
  2C0CDCDD 1504A4FF 1B609AA7 BD9C905F 5A66837B E6710395 374E77FC 5BA526E3
  A3A94ADA 01A3CA0C 05FD646E 74A5E420 ADA63049 690E6F34 6633EE7D 42423C43
  0ADD84D8 5981A14B 4CF30804 E6DE5154 FDDB44AE 02FA1975 D91505D3 E3C33172
  4A72A830 3E24AC4C BA842CC7 D240642A 1A58A666 18BDAC9B 2947778F 7CEAA09E
  16245BC7 AAAB62AC D41F8367 03E9A0A2 39377AF4 A97072A6 2C2F0077 8AF1B608
  52F45246 9F9485BC 342DA05A 1085A764 BBA5AE5B 7C46332C 6492889E 32619BDF
  EFE649E3 D443
   quit
!
crypto pki certificate pool
 ! ('certificate ca' cmd has been deprecated. Downloaded
 !  Trustpool certificates should be re-downloaded
 !  using 'crypro pki trustpool import url <url>')
!
!
!
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```
!
!
!
!
!
!
license udi pid C8500-12X4QC sn TTM252201TN
license accept end user agreement
license boot level network-advantage
license smart url https://smartreceiver-stage.cisco.com/licservice/license
license smart url smart https://smartreceiver-stage.cisco.com/licservice/license
license smart transport smart
!
memory free low-watermark processor 692023
hw-module subslot 0/1 mode 10G
hw-module subslot 0/2 mode 100G
hw-module subslot 0/2 breakout none port all
diagnostic bootup level minimal
!
spanning-tree extend system-id
!
!
enable password 7 <removed>
!
username lab privilege 15 password 7 <removed>
username admin privilege 15 secret 9
$9$PSlkFl7oqMoQBE$cpeqITQ6XgUkxXzR7dhCtqrXXGD/owBl/NRdvf6XZBo
!
redundancy
 mode none
!
!
!
crypto ikev2 proposal gikev2-proposal
 encryption aes-cbc-128
 integrity sha512
 group 19
!
crypto ikev2 policy gikev2-policy
 match fvrf any
 proposal gikev2-proposal
!
!
crypto ikev2 profile gikev2-profile
 match fvrf any
 match identity remote address 0.0.0.0
 authentication remote rsa-sig
 authentication local rsa-sig
 pki trustpoint CA_SERVER
 lifetime 600
 no lifetime certificate
!
crypto ikev2 profile default
 match fvrf any
 match identity remote any
 authentication remote rsa-sig
 authentication local rsa-sig
!
crypto ikev2 profile get-gikev2
 match identity remote any
 authentication remote pre-share key cisco123
 authentication local pre-share key cisco123
 lifetime 120
!
```

```
crypto ikev2 limit max-in-negotation-sa 1000
!
!
cdp run
!
!
track 99 stub-object
!
track 100 stub-object
!
track 200 ip sla 20 reachability
!
track 201 ip sla 30 reachability
!
track 205 ip sla 50 reachability
!
track 206 ip sla 51 reachability
!
track 207 ip sla 52 reachability
!
track 208 ip sla 53 reachability
!
class-map match-any be
 match precedence 0
class-map match-any data1
 match precedence 3
class-map match-any data2
 match precedence 2
class-map match-any voice
 match precedence 5
class-map match-any net
 match precedence 7
 match precedence 6
!
policy-map bw600-out-1
 class net
  bandwidth percent 4
 class voice
  priority percent 10
 class data1
  bandwidth percent 40
 class data2
  bandwidth percent 20
 class be
  bandwidth percent 25
policy-map limit-bw600-out-1-8004-905
 class class-default
  shape average 9089300000 36357200 0
  service-policy bw600-out-1
policy-map QOS-00000-LIMIT_CUSTOMER_IN
 class data1
  police cir 9000000000 conform-action transmit  exceed-action transmit
 class class-default
  police cir 9000000000 conform-action transmit  exceed-action drop
!
!
!
crypto keyring cust1 vrf cust1
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
 pre-shared-key address 15.0.0.5 key cisco123
 pre-shared-key address 15.0.0.6 key cisco123
```

```
crypto keyring cust2 vrf cust2
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust3 vrf cust3
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust4 vrf cust4
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust5 vrf cust5
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust6 vrf cust6
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust7 vrf cust7
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust8 vrf cust8
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust9 vrf cust9
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust10 vrf cust10
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust11 vrf cust11
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust12 vrf cust12
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust13 vrf cust13
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust14 vrf cust14
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
```

```
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust15 vrf cust15
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust16 vrf cust16
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust17 vrf cust17
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust18 vrf cust18
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust19 vrf cust19
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust20 vrf cust20
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust21 vrf cust21
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust22 vrf cust22
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust23 vrf cust23
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust24 vrf cust24
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust25 vrf cust25
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust26 vrf cust26
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust27 vrf cust27
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
```

```
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust28 vrf cust28
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust29 vrf cust29
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust30 vrf cust30
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust31 vrf cust31
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust32 vrf cust32
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust33 vrf cust33
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust34 vrf cust34
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust35 vrf cust35
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust36 vrf cust36
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust37 vrf cust37
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust38 vrf cust38
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust39 vrf cust39
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust40 vrf cust40
 pre-shared-key address 15.0.0.1 key cisco123
```

```
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust41 vrf cust41
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust42 vrf cust42
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust43 vrf cust43
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust44 vrf cust44
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust45 vrf cust45
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust46 vrf cust46
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust47 vrf cust47
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust48 vrf cust48
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust49 vrf cust49
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust50 vrf cust50
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust51 vrf cust51
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust52 vrf cust52
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust53 vrf cust53
```

```
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust54 vrf cust54
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust55 vrf cust55
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust56 vrf cust56
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust57 vrf cust57
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust58 vrf cust58
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust59 vrf cust59
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust60 vrf cust60
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust61 vrf cust61
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust62 vrf cust62
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust63 vrf cust63
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust64 vrf cust64
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust65 vrf cust65
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
```

```
crypto keyring cust66 vrf cust66
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust67 vrf cust67
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust68 vrf cust68
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust69 vrf cust69
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust70 vrf cust70
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust71 vrf cust71
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust72 vrf cust72
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust73 vrf cust73
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust74 vrf cust74
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust75 vrf cust75
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust76 vrf cust76
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust77 vrf cust77
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust78 vrf cust78
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
```

```
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust79 vrf cust79
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust80 vrf cust80
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust81 vrf cust81
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust82 vrf cust82
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust83 vrf cust83
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust84 vrf cust84
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust85 vrf cust85
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust86 vrf cust86
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust87 vrf cust87
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust88 vrf cust88
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust89 vrf cust89
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust90 vrf cust90
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust91 vrf cust91
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
```

```
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust92 vrf cust92
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust93 vrf cust93
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust94 vrf cust94
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust95 vrf cust95
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust96 vrf cust96
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust97 vrf cust97
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust98 vrf cust98
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust99 vrf cust99
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
crypto keyring cust100 vrf cust100
 pre-shared-key address 15.0.0.1 key cisco123
 pre-shared-key address 15.0.0.2 key cisco123
 pre-shared-key address 15.0.0.3 key cisco123
 pre-shared-key address 15.0.0.4 key cisco123
!
!
!
!
!
crypto isakmp policy 10
 encryption aes 256
 hash sha
 group 14
!
crypto isakmp policy 20
 encryption aes 256
 hash sha
 group 14
 lifetime 60
crypto isakmp key cisco123 address 30.0.0.0
crypto isakmp key cisco123 address 33.0.0.0
```

```
crypto isakmp key cisco123 address 0.0.0.0
crypto isakmp identity dn
!
crypto ipsec security-association replay disable
crypto ipsec security-association replay window-size 1024
!
!
crypto ipsec profile bw600
!
!
crypto gkm group bw6000_gike
 identity number 1000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gkm group ipv6 bw600-IPV6_gike
 identity number 1100
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw6000
 identity number 6000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
 client fail-close revert
 client status active-sa track 99
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw600-IPV6
 identity number 6600
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 client fail-close revert
 client status active-sa track 100
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw-suiteB
 identity number 2001
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.3
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw-suiteB-v6
 identity number 2002
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 client fail-close revert
 client protocol gikev2 gikev2-profile
!
crypto gdoi group b6000
 ! Incomplete GDOI Group Configuration
 ! No Group Identity Configured
 ! No server type configured
!
```

```
crypto gdoi group bw6000_eft
 identity number 1122
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.3
!
crypto gdoi group ipv6 bw600-IPV6_eft
 identity number 2233
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
!
!
crypto map ipv6 bw-suiteB-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 bw-suiteB-IPV6-map gdoi fail-close
 match address fc_revert_ipv6
 activate
crypto map ipv6 bw-suiteB-IPV6-map 10 gdoi
 set group bw-suiteB-v6
!
crypto map bw-suiteB-map 10 gdoi
 set group bw-suiteB
 match address fc_revert_ipv4
!
crypto map ipv6 getvpn-bw600-IPV6 gdoi fail-close
 match address fc_revert_ipv6
 activate
crypto map ipv6 getvpn-bw600-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 getvpn-bw600-IPV6_eft 10 gdoi
 set group bw600-IPV6_eft
!
crypto map ipv6 getvpn-bw600-IPV6_gike 10 gdoi
 set group bw600-IPV6_gike
!
crypto map getvpn-bw6000 gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map getvpn-bw6000 10 gdoi
 set group bw6000
!
crypto map getvpn-bw6000_gike 10 gdoi
 set group bw6000_gike
!
crypto map suiteB-map gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map suiteB-map 10 gdoi
 set group bw-suiteB
!
!
buffers huge size 65535
!
!
!
!
!
!
interface Loopback100
 vrf forwarding bwi100
 ip address <removed>
```

```
 shutdown
!
interface Loopback600
 vrf forwarding cust1
 ip address <removed>
 ip ospf message-digest-key 1 md5 7 050911066C435D191F
 ipv6 address <removed>
 ipv6 enable
 ospfv3 1 network point-to-point
 ospfv3 1 ipv6 area 0
!
interface TenGigabitEthernet0/0/0
 no ip address
 load-interval 30
 shutdown
 no negotiation auto
!
interface TenGigabitEthernet0/0/0.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
 ip ospf message-digest-key 1 md5 7 0111110D1604151F27
 ipv6 address <removed>
 ipv6 enable
 ipv6 nd ra suppress
 ospfv3 1 network point-to-point
 ospfv3 1 ipv6 area 0
 ospfv3 1 ipv6 cost 10000
 bfd interval 200 min_rx 200 multiplier 3
!
interface TenGigabitEthernet0/0/0.2
 encapsulation dot1Q 3
 vrf forwarding bwi100
 ip address <removed>
 ip verify unicast source reachable-via rx
!
interface TenGigabitEthernet0/0/1
 mtu 5000
 no ip address
 load-interval 30
 no negotiation auto
!
interface TenGigabitEthernet0/0/1.1
 bandwidth 10000000
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
 ip pim sparse-mode
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 ipv6 crypto map getvpn-bw600-IPV6
 crypto map getvpn-bw6000
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
```

```
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip address <removed>
 ip mtu 1492
```

```
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/0/1.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.13
 encapsulation dot1Q 14
 vrf forwarding cust13
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/1.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/1.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.59
```

```
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.68
 encapsulation dot1Q 69
```

```
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.77
 encapsulation dot1Q 78
 vrf forwarding cust77
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/1.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2
 mtu 5000
 no ip address
 load-interval 30
 no negotiation auto
!
interface TenGigabitEthernet0/0/2.1
 bandwidth 10000000
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip pim sparse-mode
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
```

```
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
```

```
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/2.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.13
 encapsulation dot1Q 14
 vrf forwarding cust13
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/2.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/2.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.59
```

```
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.68
 encapsulation dot1Q 69
```

```
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.77
 encapsulation dot1Q 78
 vrf forwarding cust77
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/2.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/3
 no ip address
 shutdown
 no negotiation auto
!
interface TenGigabitEthernet0/0/3.1
!
interface TenGigabitEthernet0/0/3.2
!
interface TenGigabitEthernet0/0/3.3
!
interface TenGigabitEthernet0/0/3.4
!
interface TenGigabitEthernet0/0/3.5
!
interface TenGigabitEthernet0/0/3.6
!
interface TenGigabitEthernet0/0/3.7
!
interface TenGigabitEthernet0/0/3.8
!
interface TenGigabitEthernet0/0/3.9
!
interface TenGigabitEthernet0/0/3.10
!
interface TenGigabitEthernet0/0/3.11
!
```

```
interface TenGigabitEthernet0/0/3.12
!
interface TenGigabitEthernet0/0/3.13
!
interface TenGigabitEthernet0/0/3.14
!
interface TenGigabitEthernet0/0/3.15
!
interface TenGigabitEthernet0/0/3.16
!
interface TenGigabitEthernet0/0/3.17
!
interface TenGigabitEthernet0/0/3.18
!
interface TenGigabitEthernet0/0/3.19
!
interface TenGigabitEthernet0/0/3.20
!
interface TenGigabitEthernet0/0/3.21
!
interface TenGigabitEthernet0/0/3.22
!
interface TenGigabitEthernet0/0/3.23
!
interface TenGigabitEthernet0/0/3.24
!
interface TenGigabitEthernet0/0/3.25
!
interface TenGigabitEthernet0/0/3.26
!
interface TenGigabitEthernet0/0/3.27
!
interface TenGigabitEthernet0/0/3.28
!
interface TenGigabitEthernet0/0/3.29
!
interface TenGigabitEthernet0/0/3.30
!
interface TenGigabitEthernet0/0/3.31
!
interface TenGigabitEthernet0/0/3.32
!
interface TenGigabitEthernet0/0/3.33
!
interface TenGigabitEthernet0/0/3.34
!
interface TenGigabitEthernet0/0/3.35
!
interface TenGigabitEthernet0/0/3.36
!
interface TenGigabitEthernet0/0/3.37
!
interface TenGigabitEthernet0/0/3.38
!
interface TenGigabitEthernet0/0/3.39
!
interface TenGigabitEthernet0/0/3.40
!
interface TenGigabitEthernet0/0/3.41
!
interface TenGigabitEthernet0/0/3.42
!
interface TenGigabitEthernet0/0/3.43
!
```

```
interface TenGigabitEthernet0/0/3.44
!
interface TenGigabitEthernet0/0/3.45
!
interface TenGigabitEthernet0/0/3.46
!
interface TenGigabitEthernet0/0/3.47
!
interface TenGigabitEthernet0/0/3.48
!
interface TenGigabitEthernet0/0/3.49
!
interface TenGigabitEthernet0/0/3.50
!
interface TenGigabitEthernet0/0/3.51
!
interface TenGigabitEthernet0/0/3.52
!
interface TenGigabitEthernet0/0/3.53
!
interface TenGigabitEthernet0/0/3.54
!
interface TenGigabitEthernet0/0/3.55
!
interface TenGigabitEthernet0/0/3.56
!
interface TenGigabitEthernet0/0/3.57
!
interface TenGigabitEthernet0/0/3.58
!
interface TenGigabitEthernet0/0/3.59
!
interface TenGigabitEthernet0/0/3.60
!
interface TenGigabitEthernet0/0/3.61
!
interface TenGigabitEthernet0/0/3.62
!
interface TenGigabitEthernet0/0/3.63
!
interface TenGigabitEthernet0/0/3.64
!
interface TenGigabitEthernet0/0/3.65
!
interface TenGigabitEthernet0/0/3.66
!
interface TenGigabitEthernet0/0/3.67
!
interface TenGigabitEthernet0/0/3.68
!
interface TenGigabitEthernet0/0/3.69
!
interface TenGigabitEthernet0/0/3.70
!
interface TenGigabitEthernet0/0/3.71
!
interface TenGigabitEthernet0/0/3.72
!
interface TenGigabitEthernet0/0/3.73
!
interface TenGigabitEthernet0/0/3.74
!
interface TenGigabitEthernet0/0/3.75
!
```

```
interface TenGigabitEthernet0/0/3.76
!
interface TenGigabitEthernet0/0/3.77
!
interface TenGigabitEthernet0/0/3.78
!
interface TenGigabitEthernet0/0/3.79
!
interface TenGigabitEthernet0/0/3.80
!
interface TenGigabitEthernet0/0/3.81
!
interface TenGigabitEthernet0/0/3.82
!
interface TenGigabitEthernet0/0/3.83
!
interface TenGigabitEthernet0/0/3.84
!
interface TenGigabitEthernet0/0/3.85
!
interface TenGigabitEthernet0/0/3.86
!
interface TenGigabitEthernet0/0/3.87
!
interface TenGigabitEthernet0/0/3.88
!
interface TenGigabitEthernet0/0/3.89
!
interface TenGigabitEthernet0/0/3.90
!
interface TenGigabitEthernet0/0/3.91
!
interface TenGigabitEthernet0/0/3.92
!
interface TenGigabitEthernet0/0/3.93
!
interface TenGigabitEthernet0/0/3.94
!
interface TenGigabitEthernet0/0/3.95
!
interface TenGigabitEthernet0/0/3.96
!
interface TenGigabitEthernet0/0/3.97
!
interface TenGigabitEthernet0/0/3.98
!
interface TenGigabitEthernet0/0/3.99
!
interface TenGigabitEthernet0/0/3.100
!
interface TenGigabitEthernet0/0/4
 no ip address
 shutdown
 no negotiation auto
!
interface TenGigabitEthernet0/0/5
 no ip address
 shutdown
 no negotiation auto
!
interface TenGigabitEthernet0/0/5.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
```

```
 ip ospf message-digest-key 1 md5 7 03064C024B00325C48
 ipv6 address <removed>
 ipv6 enable
 ipv6 nd ra suppress
 ospfv3 1 network point-to-point
 ospfv3 1 ipv6 area 0
 ospfv3 1 ipv6 cost 10000
 bfd interval 200 min_rx 200 multiplier 3
!
interface TenGigabitEthernet0/0/6
 no ip address
 no negotiation auto
!
interface TenGigabitEthernet0/0/6.1
 bandwidth 10000000
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip pim sparse-mode
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
```

```
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
```

```
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip flow monitor non-fabric-app-visiblility-v4 input
 ip flow monitor non-fabric-app-visiblility-v4 output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor non-fabric-app-visiblility-v6 input
 ipv6 flow monitor non-fabric-app-visiblility-v6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/0/6.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/6.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/6.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.45
```

```
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.54
 encapsulation dot1Q 55
```

```
 vrf forwarding cust54
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.63
 encapsulation dot1Q 64
 vrf forwarding cust63
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/0/6.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/6.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/0/6.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/0/7
 ip address <removed>
 ip nbar protocol-discovery
 speed 1000
 no negotiation auto
!
interface TenGigabitEthernet0/1/0
 ip address <removed>
 speed 1000
 no negotiation auto
!
interface TenGigabitEthernet0/1/1
 mtu 2000
 vrf forwarding cust1
 ip address <removed>
 no negotiation auto
!
interface TenGigabitEthernet0/1/1.1
!
interface TenGigabitEthernet0/1/2
 ip address <removed>
 speed 1000
 no negotiation auto
!
interface TenGigabitEthernet0/1/2.1
!
interface TenGigabitEthernet0/1/3
 no ip address
 shutdown
 no negotiation auto
!
interface HundredGigE0/2/0
 ip address <removed>
 no negotiation auto
 ipv6 address <removed>
 ipv6 enable
!
interface HundredGigE0/2/0.1
 encapsulation dot1Q 2
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0
 vrf forwarding Mgmt-intf
 ip address <removed>
 negotiation auto
 cdp enable
!
router ospfv3 1
 auto-cost reference-bandwidth 100000
 !
 address-family ipv6 unicast vrf cust1
  redistribute connected route-map IXIA-NET-V6
  redistribute bgp 65022 metric 1 metric-type 1
  capability vrf-lite
 exit-address-family
```

```
!
router ospf 1 vrf cust1
 router-id 6.6.6.2
 capability vrf-lite
 redistribute bgp 65022 metric 1 metric-type 1
 network 6.6.6.0 0.0.0.255 area 0
 network 36.0.0.1 0.0.0.0 area 0
 network 52.1.1.0 0.0.0.255 area 0
 default-information originate metric-type 1
 bfd all-interfaces
!
router bgp 65022
 bgp router-id 133.1.1.2
 bgp log-neighbor-changes
 !
 address-family ipv4 vrf cust1
  redistribute connected
  neighbor 35.0.0.1 remote-as 65022
  neighbor 35.0.0.1 update-source Loopback600
  neighbor 35.0.0.1 activate
  neighbor 35.0.0.1 send-community both
  neighbor 35.0.0.1 next-hop-self
  neighbor 35.0.0.1 soft-reconfiguration inbound
  neighbor 133.1.1.1 remote-as 65000
  neighbor 133.1.1.1 activate
  maximum-paths ibgp 2
 exit-address-family
 !
 address-family ipv6 vrf cust1
  redistribute connected
  neighbor 1330:1::1 remote-as 65000
  neighbor 1330:1::1 activate
  neighbor 2001:31::5 remote-as 65022
  neighbor 2001:31::5 update-source Loopback600
  neighbor 2001:31::5 activate
  neighbor 2001:31::5 send-community both
  neighbor 2001:31::5 next-hop-self
  neighbor 2001:31::5 soft-reconfiguration inbound
 exit-address-family
 !
 address-family ipv4 vrf cust10
  redistribute connected
  neighbor 133.1.10.1 remote-as 65000
  neighbor 133.1.10.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust10
  redistribute connected
  neighbor 1330:1::9:1 remote-as 65000
  neighbor 1330:1::9:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust100
  redistribute connected
  neighbor 133.1.100.1 remote-as 65000
  neighbor 133.1.100.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust100
  redistribute connected
  neighbor 1330:1::63:1 remote-as 65000
  neighbor 1330:1::63:1 activate
 exit-address-family
 !
```

```
address-family ipv4 vrf cust11
 redistribute connected
 neighbor 133.1.11.1 remote-as 65000
 neighbor 133.1.11.1 activate
exit-address-family
!
address-family ipv6 vrf cust11
 redistribute connected
 neighbor 1330:1::A:1 remote-as 65000
 neighbor 1330:1::A:1 activate
exit-address-family
!
address-family ipv4 vrf cust12
 redistribute connected
 neighbor 133.1.12.1 remote-as 65000
 neighbor 133.1.12.1 activate
exit-address-family
!
address-family ipv6 vrf cust12
 redistribute connected
 neighbor 1330:1::B:1 remote-as 65000
 neighbor 1330:1::B:1 activate
exit-address-family
!
address-family ipv4 vrf cust13
 redistribute connected
 neighbor 133.1.13.1 remote-as 65000
 neighbor 133.1.13.1 activate
exit-address-family
!
address-family ipv6 vrf cust13
 redistribute connected
 neighbor 1330:1::C:1 remote-as 65000
 neighbor 1330:1::C:1 activate
exit-address-family
!
address-family ipv4 vrf cust14
 redistribute connected
 neighbor 133.1.14.1 remote-as 65000
 neighbor 133.1.14.1 activate
exit-address-family
!
address-family ipv6 vrf cust14
 redistribute connected
 neighbor 1330:1::D:1 remote-as 65000
 neighbor 1330:1::D:1 activate
exit-address-family
!
address-family ipv4 vrf cust15
 redistribute connected
 neighbor 133.1.15.1 remote-as 65000
 neighbor 133.1.15.1 activate
exit-address-family
!
address-family ipv6 vrf cust15
 redistribute connected
 neighbor 1330:1::E:1 remote-as 65000
 neighbor 1330:1::E:1 activate
exit-address-family
!
address-family ipv4 vrf cust16
 redistribute connected
 neighbor 133.1.16.1 remote-as 65000
 neighbor 133.1.16.1 activate
```

```
exit-address-family
!
address-family ipv6 vrf cust16
 redistribute connected
 neighbor 1330:1::F:1 remote-as 65000
 neighbor 1330:1::F:1 activate
exit-address-family
!
address-family ipv4 vrf cust17
 redistribute connected
 neighbor 133.1.17.1 remote-as 65000
 neighbor 133.1.17.1 activate
exit-address-family
!
address-family ipv6 vrf cust17
 redistribute connected
 neighbor 1330:1::10:1 remote-as 65000
 neighbor 1330:1::10:1 activate
exit-address-family
!
address-family ipv4 vrf cust18
 redistribute connected
 neighbor 133.1.18.1 remote-as 65000
 neighbor 133.1.18.1 activate
exit-address-family
!
address-family ipv6 vrf cust18
 redistribute connected
 neighbor 1330:1::11:1 remote-as 65000
 neighbor 1330:1::11:1 activate
exit-address-family
!
address-family ipv4 vrf cust19
 redistribute connected
 neighbor 133.1.19.1 remote-as 65000
 neighbor 133.1.19.1 activate
exit-address-family
!
address-family ipv6 vrf cust19
 redistribute connected
 neighbor 1330:1::12:1 remote-as 65000
 neighbor 1330:1::12:1 activate
exit-address-family
!
address-family ipv4 vrf cust2
 redistribute connected
 neighbor 133.1.2.1 remote-as 65000
 neighbor 133.1.2.1 activate
exit-address-family
!
address-family ipv6 vrf cust2
 redistribute connected
 neighbor 1330:1::1:1 remote-as 65000
 neighbor 1330:1::1:1 activate
exit-address-family
!
address-family ipv4 vrf cust20
 redistribute connected
 neighbor 133.1.20.1 remote-as 65000
 neighbor 133.1.20.1 activate
exit-address-family
!
address-family ipv6 vrf cust20
 redistribute connected
```

```
 neighbor 1330:1::13:1 remote-as 65000
 neighbor 1330:1::13:1 activate
exit-address-family
!
address-family ipv4 vrf cust21
 redistribute connected
 neighbor 133.1.21.1 remote-as 65000
 neighbor 133.1.21.1 activate
exit-address-family
!
address-family ipv6 vrf cust21
 redistribute connected
 neighbor 1330:1::14:1 remote-as 65000
 neighbor 1330:1::14:1 activate
exit-address-family
!
address-family ipv4 vrf cust22
 redistribute connected
 neighbor 133.1.22.1 remote-as 65000
 neighbor 133.1.22.1 activate
exit-address-family
!
address-family ipv6 vrf cust22
 redistribute connected
 neighbor 1330:1::15:1 remote-as 65000
 neighbor 1330:1::15:1 activate
exit-address-family
!
address-family ipv4 vrf cust23
 redistribute connected
 neighbor 133.1.23.1 remote-as 65000
 neighbor 133.1.23.1 activate
exit-address-family
!
address-family ipv6 vrf cust23
 redistribute connected
 neighbor 1330:1::16:1 remote-as 65000
 neighbor 1330:1::16:1 activate
exit-address-family
!
address-family ipv4 vrf cust24
 redistribute connected
 neighbor 133.1.24.1 remote-as 65000
 neighbor 133.1.24.1 activate
exit-address-family
!
address-family ipv6 vrf cust24
 redistribute connected
 neighbor 1330:1::17:1 remote-as 65000
 neighbor 1330:1::17:1 activate
exit-address-family
!
address-family ipv4 vrf cust25
 redistribute connected
 neighbor 133.1.25.1 remote-as 65000
 neighbor 133.1.25.1 activate
exit-address-family
!
address-family ipv6 vrf cust25
 redistribute connected
 neighbor 1330:1::18:1 remote-as 65000
 neighbor 1330:1::18:1 activate
exit-address-family
!
```

```
address-family ipv4 vrf cust26
 redistribute connected
 neighbor 133.1.26.1 remote-as 65000
 neighbor 133.1.26.1 activate
exit-address-family
!
address-family ipv6 vrf cust26
 redistribute connected
 neighbor 1330:1::19:1 remote-as 65000
 neighbor 1330:1::19:1 activate
exit-address-family
!
address-family ipv4 vrf cust27
 redistribute connected
 neighbor 133.1.27.1 remote-as 65000
 neighbor 133.1.27.1 activate
exit-address-family
!
address-family ipv6 vrf cust27
 redistribute connected
 neighbor 1330:1::1A:1 remote-as 65000
 neighbor 1330:1::1A:1 activate
exit-address-family
!
address-family ipv4 vrf cust28
 redistribute connected
 neighbor 133.1.28.1 remote-as 65000
 neighbor 133.1.28.1 activate
exit-address-family
!
address-family ipv6 vrf cust28
 redistribute connected
 neighbor 1330:1::1B:1 remote-as 65000
 neighbor 1330:1::1B:1 activate
exit-address-family
!
address-family ipv4 vrf cust29
 redistribute connected
 neighbor 133.1.29.1 remote-as 65000
 neighbor 133.1.29.1 activate
exit-address-family
!
address-family ipv6 vrf cust29
 redistribute connected
 neighbor 1330:1::1C:1 remote-as 65000
 neighbor 1330:1::1C:1 activate
exit-address-family
!
address-family ipv4 vrf cust3
 redistribute connected
 neighbor 133.1.3.1 remote-as 65000
 neighbor 133.1.3.1 activate
exit-address-family
!
address-family ipv6 vrf cust3
 redistribute connected
 neighbor 1330:1::2:1 remote-as 65000
 neighbor 1330:1::2:1 activate
exit-address-family
!
address-family ipv4 vrf cust30
 redistribute connected
 neighbor 133.1.30.1 remote-as 65000
 neighbor 133.1.30.1 activate
```

```
exit-address-family
!
address-family ipv6 vrf cust30
 redistribute connected
 neighbor 1330:1::1D:1 remote-as 65000
 neighbor 1330:1::1D:1 activate
exit-address-family
!
address-family ipv4 vrf cust31
 redistribute connected
 neighbor 133.1.31.1 remote-as 65000
 neighbor 133.1.31.1 activate
exit-address-family
!
address-family ipv6 vrf cust31
 redistribute connected
 neighbor 1330:1::1E:1 remote-as 65000
 neighbor 1330:1::1E:1 activate
exit-address-family
!
address-family ipv4 vrf cust32
 redistribute connected
 neighbor 133.1.32.1 remote-as 65000
 neighbor 133.1.32.1 activate
exit-address-family
!
address-family ipv6 vrf cust32
 redistribute connected
 neighbor 1330:1::1F:1 remote-as 65000
 neighbor 1330:1::1F:1 activate
exit-address-family
!
address-family ipv4 vrf cust33
 redistribute connected
 neighbor 133.1.33.1 remote-as 65000
 neighbor 133.1.33.1 activate
exit-address-family
!
address-family ipv6 vrf cust33
 redistribute connected
 neighbor 1330:1::20:1 remote-as 65000
 neighbor 1330:1::20:1 activate
exit-address-family
!
address-family ipv4 vrf cust34
 redistribute connected
 neighbor 133.1.34.1 remote-as 65000
 neighbor 133.1.34.1 activate
exit-address-family
!
address-family ipv6 vrf cust34
 redistribute connected
 neighbor 1330:1::21:1 remote-as 65000
 neighbor 1330:1::21:1 activate
exit-address-family
!
address-family ipv4 vrf cust35
 redistribute connected
 neighbor 133.1.35.1 remote-as 65000
 neighbor 133.1.35.1 activate
exit-address-family
!
address-family ipv6 vrf cust35
 redistribute connected
```

```
 neighbor 1330:1::22:1 remote-as 65000
 neighbor 1330:1::22:1 activate
exit-address-family
!
address-family ipv4 vrf cust36
 redistribute connected
 neighbor 133.1.36.1 remote-as 65000
 neighbor 133.1.36.1 activate
exit-address-family
!
address-family ipv6 vrf cust36
 redistribute connected
 neighbor 1330:1::23:1 remote-as 65000
 neighbor 1330:1::23:1 activate
exit-address-family
!
address-family ipv4 vrf cust37
 redistribute connected
 neighbor 133.1.37.1 remote-as 65000
 neighbor 133.1.37.1 activate
exit-address-family
!
address-family ipv6 vrf cust37
 redistribute connected
 neighbor 1330:1::24:1 remote-as 65000
 neighbor 1330:1::24:1 activate
exit-address-family
!
address-family ipv4 vrf cust38
 redistribute connected
 neighbor 133.1.38.1 remote-as 65000
 neighbor 133.1.38.1 activate
exit-address-family
!
address-family ipv6 vrf cust38
 redistribute connected
 neighbor 1330:1::25:1 remote-as 65000
 neighbor 1330:1::25:1 activate
exit-address-family
!
address-family ipv4 vrf cust39
 redistribute connected
 neighbor 133.1.39.1 remote-as 65000
 neighbor 133.1.39.1 activate
exit-address-family
!
address-family ipv6 vrf cust39
 redistribute connected
 neighbor 1330:1::26:1 remote-as 65000
 neighbor 1330:1::26:1 activate
exit-address-family
!
address-family ipv4 vrf cust4
 redistribute connected
 neighbor 133.1.4.1 remote-as 65000
 neighbor 133.1.4.1 activate
exit-address-family
!
address-family ipv6 vrf cust4
 redistribute connected
 neighbor 1330:1::3:1 remote-as 65000
 neighbor 1330:1::3:1 activate
exit-address-family
!
```

```
address-family ipv4 vrf cust40
 redistribute connected
 neighbor 133.1.40.1 remote-as 65000
 neighbor 133.1.40.1 activate
exit-address-family
!
address-family ipv6 vrf cust40
 redistribute connected
 neighbor 1330:1::27:1 remote-as 65000
 neighbor 1330:1::27:1 activate
exit-address-family
!
address-family ipv4 vrf cust41
 redistribute connected
 neighbor 133.1.41.1 remote-as 65000
 neighbor 133.1.41.1 activate
exit-address-family
!
address-family ipv6 vrf cust41
 redistribute connected
 neighbor 1330:1::28:1 remote-as 65000
 neighbor 1330:1::28:1 activate
exit-address-family
!
address-family ipv4 vrf cust42
 redistribute connected
 neighbor 133.1.42.1 remote-as 65000
 neighbor 133.1.42.1 activate
exit-address-family
!
address-family ipv6 vrf cust42
 redistribute connected
 neighbor 1330:1::29:1 remote-as 65000
 neighbor 1330:1::29:1 activate
exit-address-family
!
address-family ipv4 vrf cust43
 redistribute connected
 neighbor 133.1.43.1 remote-as 65000
 neighbor 133.1.43.1 activate
exit-address-family
!
address-family ipv6 vrf cust43
 redistribute connected
 neighbor 1330:1::2A:1 remote-as 65000
 neighbor 1330:1::2A:1 activate
exit-address-family
!
address-family ipv4 vrf cust44
 redistribute connected
 neighbor 133.1.44.1 remote-as 65000
 neighbor 133.1.44.1 activate
exit-address-family
!
address-family ipv6 vrf cust44
 redistribute connected
 neighbor 1330:1::2B:1 remote-as 65000
 neighbor 1330:1::2B:1 activate
exit-address-family
!
address-family ipv4 vrf cust45
 redistribute connected
 neighbor 133.1.45.1 remote-as 65000
 neighbor 133.1.45.1 activate
```

```
exit-address-family
!
address-family ipv6 vrf cust45
 redistribute connected
 neighbor 1330:1::2C:1 remote-as 65000
 neighbor 1330:1::2C:1 activate
exit-address-family
!
address-family ipv4 vrf cust46
 redistribute connected
 neighbor 133.1.46.1 remote-as 65000
 neighbor 133.1.46.1 activate
exit-address-family
!
address-family ipv6 vrf cust46
 redistribute connected
 neighbor 1330:1::2D:1 remote-as 65000
 neighbor 1330:1::2D:1 activate
exit-address-family
!
address-family ipv4 vrf cust47
 redistribute connected
 neighbor 133.1.47.1 remote-as 65000
 neighbor 133.1.47.1 activate
exit-address-family
!
address-family ipv6 vrf cust47
 redistribute connected
 neighbor 1330:1::2E:1 remote-as 65000
 neighbor 1330:1::2E:1 activate
exit-address-family
!
address-family ipv4 vrf cust48
 redistribute connected
 neighbor 133.1.48.1 remote-as 65000
 neighbor 133.1.48.1 activate
exit-address-family
!
address-family ipv6 vrf cust48
 redistribute connected
 neighbor 1330:1::2F:1 remote-as 65000
 neighbor 1330:1::2F:1 activate
exit-address-family
!
address-family ipv4 vrf cust49
 redistribute connected
 neighbor 133.1.49.1 remote-as 65000
 neighbor 133.1.49.1 activate
exit-address-family
!
address-family ipv6 vrf cust49
 redistribute connected
 neighbor 1330:1::30:1 remote-as 65000
 neighbor 1330:1::30:1 activate
exit-address-family
!
address-family ipv4 vrf cust5
 redistribute connected
 neighbor 133.1.5.1 remote-as 65000
 neighbor 133.1.5.1 activate
exit-address-family
!
address-family ipv6 vrf cust5
 redistribute connected
```

```
 neighbor 1330:1::4:1 remote-as 65000
 neighbor 1330:1::4:1 activate
exit-address-family
!
address-family ipv4 vrf cust50
 redistribute connected
 neighbor 133.1.50.1 remote-as 65000
 neighbor 133.1.50.1 activate
exit-address-family
!
address-family ipv6 vrf cust50
 redistribute connected
 neighbor 1330:1::31:1 remote-as 65000
 neighbor 1330:1::31:1 activate
exit-address-family
!
address-family ipv4 vrf cust51
 redistribute connected
 neighbor 133.1.51.1 remote-as 65000
 neighbor 133.1.51.1 activate
exit-address-family
!
address-family ipv6 vrf cust51
 redistribute connected
 neighbor 1330:1::32:1 remote-as 65000
 neighbor 1330:1::32:1 activate
exit-address-family
!
address-family ipv4 vrf cust52
 redistribute connected
 neighbor 133.1.52.1 remote-as 65000
 neighbor 133.1.52.1 activate
exit-address-family
!
address-family ipv6 vrf cust52
 redistribute connected
 neighbor 1330:1::33:1 remote-as 65000
 neighbor 1330:1::33:1 activate
exit-address-family
!
address-family ipv4 vrf cust53
 redistribute connected
 neighbor 133.1.53.1 remote-as 65000
 neighbor 133.1.53.1 activate
exit-address-family
!
address-family ipv6 vrf cust53
 redistribute connected
 neighbor 1330:1::34:1 remote-as 65000
 neighbor 1330:1::34:1 activate
exit-address-family
!
address-family ipv4 vrf cust54
 redistribute connected
 neighbor 133.1.54.1 remote-as 65000
 neighbor 133.1.54.1 activate
exit-address-family
!
address-family ipv6 vrf cust54
 redistribute connected
 neighbor 1330:1::35:1 remote-as 65000
 neighbor 1330:1::35:1 activate
exit-address-family
!
```

```
address-family ipv4 vrf cust55
 redistribute connected
 neighbor 133.1.55.1 remote-as 65000
 neighbor 133.1.55.1 activate
exit-address-family
!
address-family ipv6 vrf cust55
 redistribute connected
 neighbor 1330:1::36:1 remote-as 65000
 neighbor 1330:1::36:1 activate
exit-address-family
!
address-family ipv4 vrf cust56
 redistribute connected
 neighbor 133.1.56.1 remote-as 65000
 neighbor 133.1.56.1 activate
exit-address-family
!
address-family ipv6 vrf cust56
 redistribute connected
 neighbor 1330:1::37:1 remote-as 65000
 neighbor 1330:1::37:1 activate
exit-address-family
!
address-family ipv4 vrf cust57
 redistribute connected
 neighbor 133.1.57.1 remote-as 65000
 neighbor 133.1.57.1 activate
exit-address-family
!
address-family ipv6 vrf cust57
 redistribute connected
 neighbor 1330:1::38:1 remote-as 65000
 neighbor 1330:1::38:1 activate
exit-address-family
!
address-family ipv4 vrf cust58
 redistribute connected
 neighbor 133.1.58.1 remote-as 65000
 neighbor 133.1.58.1 activate
exit-address-family
!
address-family ipv6 vrf cust58
 redistribute connected
 neighbor 1330:1::39:1 remote-as 65000
 neighbor 1330:1::39:1 activate
exit-address-family
!
address-family ipv4 vrf cust59
 redistribute connected
 neighbor 133.1.59.1 remote-as 65000
 neighbor 133.1.59.1 activate
exit-address-family
!
address-family ipv6 vrf cust59
 redistribute connected
 neighbor 1330:1::3A:1 remote-as 65000
 neighbor 1330:1::3A:1 activate
exit-address-family
!
address-family ipv4 vrf cust6
 redistribute connected
 neighbor 133.1.6.1 remote-as 65000
 neighbor 133.1.6.1 activate
```

```
exit-address-family
!
address-family ipv6 vrf cust6
 redistribute connected
 neighbor 1330:1::5:1 remote-as 65000
 neighbor 1330:1::5:1 activate
exit-address-family
!
address-family ipv4 vrf cust60
 redistribute connected
 neighbor 133.1.60.1 remote-as 65000
 neighbor 133.1.60.1 activate
exit-address-family
!
address-family ipv6 vrf cust60
 redistribute connected
 neighbor 1330:1::3B:1 remote-as 65000
 neighbor 1330:1::3B:1 activate
exit-address-family
!
address-family ipv4 vrf cust61
 redistribute connected
 neighbor 133.1.61.1 remote-as 65000
 neighbor 133.1.61.1 activate
exit-address-family
!
address-family ipv6 vrf cust61
 redistribute connected
 neighbor 1330:1::3C:1 remote-as 65000
 neighbor 1330:1::3C:1 activate
exit-address-family
!
address-family ipv4 vrf cust62
 redistribute connected
 neighbor 133.1.62.1 remote-as 65000
 neighbor 133.1.62.1 activate
exit-address-family
!
address-family ipv6 vrf cust62
 redistribute connected
 neighbor 1330:1::3D:1 remote-as 65000
 neighbor 1330:1::3D:1 activate
exit-address-family
!
address-family ipv4 vrf cust63
 redistribute connected
 neighbor 133.1.63.1 remote-as 65000
 neighbor 133.1.63.1 activate
exit-address-family
!
address-family ipv6 vrf cust63
 redistribute connected
 neighbor 1330:1::3E:1 remote-as 65000
 neighbor 1330:1::3E:1 activate
exit-address-family
!
address-family ipv4 vrf cust64
 redistribute connected
 neighbor 133.1.64.1 remote-as 65000
 neighbor 133.1.64.1 activate
exit-address-family
!
address-family ipv6 vrf cust64
 redistribute connected
```

```
 neighbor 1330:1::3F:1 remote-as 65000
 neighbor 1330:1::3F:1 activate
exit-address-family
!
address-family ipv4 vrf cust65
 redistribute connected
 neighbor 133.1.65.1 remote-as 65000
 neighbor 133.1.65.1 activate
exit-address-family
!
address-family ipv6 vrf cust65
 redistribute connected
 neighbor 1330:1::40:1 remote-as 65000
 neighbor 1330:1::40:1 activate
exit-address-family
!
address-family ipv4 vrf cust66
 redistribute connected
 neighbor 133.1.66.1 remote-as 65000
 neighbor 133.1.66.1 activate
exit-address-family
!
address-family ipv6 vrf cust66
 redistribute connected
 neighbor 1330:1::41:1 remote-as 65000
 neighbor 1330:1::41:1 activate
exit-address-family
!
address-family ipv4 vrf cust67
 redistribute connected
 neighbor 133.1.67.1 remote-as 65000
 neighbor 133.1.67.1 activate
exit-address-family
!
address-family ipv6 vrf cust67
 redistribute connected
 neighbor 1330:1::42:1 remote-as 65000
 neighbor 1330:1::42:1 activate
exit-address-family
!
address-family ipv4 vrf cust68
 redistribute connected
 neighbor 133.1.68.1 remote-as 65000
 neighbor 133.1.68.1 activate
exit-address-family
!
address-family ipv6 vrf cust68
 redistribute connected
 neighbor 1330:1::43:1 remote-as 65000
 neighbor 1330:1::43:1 activate
exit-address-family
!
address-family ipv4 vrf cust69
 redistribute connected
 neighbor 133.1.69.1 remote-as 65000
 neighbor 133.1.69.1 activate
exit-address-family
!
address-family ipv6 vrf cust69
 redistribute connected
 neighbor 1330:1::44:1 remote-as 65000
 neighbor 1330:1::44:1 activate
exit-address-family
!
```

```
address-family ipv4 vrf cust7
 redistribute connected
 neighbor 133.1.7.1 remote-as 65000
 neighbor 133.1.7.1 activate
exit-address-family
!
address-family ipv6 vrf cust7
 redistribute connected
 neighbor 1330:1::6:1 remote-as 65000
 neighbor 1330:1::6:1 activate
exit-address-family
!
address-family ipv4 vrf cust70
 redistribute connected
 neighbor 133.1.70.1 remote-as 65000
 neighbor 133.1.70.1 activate
exit-address-family
!
address-family ipv6 vrf cust70
 redistribute connected
 neighbor 1330:1::45:1 remote-as 65000
 neighbor 1330:1::45:1 activate
exit-address-family
!
address-family ipv4 vrf cust71
 redistribute connected
 neighbor 133.1.71.1 remote-as 65000
 neighbor 133.1.71.1 activate
exit-address-family
!
address-family ipv6 vrf cust71
 redistribute connected
 neighbor 1330:1::46:1 remote-as 65000
 neighbor 1330:1::46:1 activate
exit-address-family
!
address-family ipv4 vrf cust72
 redistribute connected
 neighbor 133.1.72.1 remote-as 65000
 neighbor 133.1.72.1 activate
exit-address-family
!
address-family ipv6 vrf cust72
 redistribute connected
 neighbor 1330:1::47:1 remote-as 65000
 neighbor 1330:1::47:1 activate
exit-address-family
!
address-family ipv4 vrf cust73
 redistribute connected
 neighbor 133.1.73.1 remote-as 65000
 neighbor 133.1.73.1 activate
exit-address-family
!
address-family ipv6 vrf cust73
 redistribute connected
 neighbor 1330:1::48:1 remote-as 65000
 neighbor 1330:1::48:1 activate
exit-address-family
!
address-family ipv4 vrf cust74
 redistribute connected
 neighbor 133.1.74.1 remote-as 65000
 neighbor 133.1.74.1 activate
```

```
exit-address-family
!
address-family ipv6 vrf cust74
 redistribute connected
 neighbor 1330:1::49:1 remote-as 65000
 neighbor 1330:1::49:1 activate
exit-address-family
!
address-family ipv4 vrf cust75
 redistribute connected
 neighbor 133.1.75.1 remote-as 65000
 neighbor 133.1.75.1 activate
exit-address-family
!
address-family ipv6 vrf cust75
 redistribute connected
 neighbor 1330:1::4A:1 remote-as 65000
 neighbor 1330:1::4A:1 activate
exit-address-family
!
address-family ipv4 vrf cust76
 redistribute connected
 neighbor 133.1.76.1 remote-as 65000
 neighbor 133.1.76.1 activate
exit-address-family
!
address-family ipv6 vrf cust76
 redistribute connected
 neighbor 1330:1::4B:1 remote-as 65000
 neighbor 1330:1::4B:1 activate
exit-address-family
!
address-family ipv4 vrf cust77
 redistribute connected
 neighbor 133.1.77.1 remote-as 65000
 neighbor 133.1.77.1 activate
exit-address-family
!
address-family ipv6 vrf cust77
 redistribute connected
 neighbor 1330:1::4C:1 remote-as 65000
 neighbor 1330:1::4C:1 activate
exit-address-family
!
address-family ipv4 vrf cust78
 redistribute connected
 neighbor 133.1.78.1 remote-as 65000
 neighbor 133.1.78.1 activate
exit-address-family
!
address-family ipv6 vrf cust78
 redistribute connected
 neighbor 1330:1::4D:1 remote-as 65000
 neighbor 1330:1::4D:1 activate
exit-address-family
!
address-family ipv4 vrf cust79
 redistribute connected
 neighbor 133.1.79.1 remote-as 65000
 neighbor 133.1.79.1 activate
exit-address-family
!
address-family ipv6 vrf cust79
 redistribute connected
```

```
 neighbor 1330:1::4E:1 remote-as 65000
 neighbor 1330:1::4E:1 activate
exit-address-family
!
address-family ipv4 vrf cust8
 redistribute connected
 neighbor 133.1.8.1 remote-as 65000
 neighbor 133.1.8.1 activate
exit-address-family
!
address-family ipv6 vrf cust8
 redistribute connected
 neighbor 1330:1::7:1 remote-as 65000
 neighbor 1330:1::7:1 activate
exit-address-family
!
address-family ipv4 vrf cust80
 redistribute connected
 neighbor 133.1.80.1 remote-as 65000
 neighbor 133.1.80.1 activate
exit-address-family
!
address-family ipv6 vrf cust80
 redistribute connected
 neighbor 1330:1::4F:1 remote-as 65000
 neighbor 1330:1::4F:1 activate
exit-address-family
!
address-family ipv4 vrf cust81
 redistribute connected
 neighbor 133.1.81.1 remote-as 65000
 neighbor 133.1.81.1 activate
exit-address-family
!
address-family ipv6 vrf cust81
 redistribute connected
 neighbor 1330:1::50:1 remote-as 65000
 neighbor 1330:1::50:1 activate
exit-address-family
!
address-family ipv4 vrf cust82
 redistribute connected
 neighbor 133.1.82.1 remote-as 65000
 neighbor 133.1.82.1 activate
exit-address-family
!
address-family ipv6 vrf cust82
 redistribute connected
 neighbor 1330:1::51:1 remote-as 65000
 neighbor 1330:1::51:1 activate
exit-address-family
!
address-family ipv4 vrf cust83
 redistribute connected
 neighbor 133.1.83.1 remote-as 65000
 neighbor 133.1.83.1 activate
exit-address-family
!
address-family ipv6 vrf cust83
 redistribute connected
 neighbor 1330:1::52:1 remote-as 65000
 neighbor 1330:1::52:1 activate
exit-address-family
!
```

```
address-family ipv4 vrf cust84
 redistribute connected
 neighbor 133.1.84.1 remote-as 65000
 neighbor 133.1.84.1 activate
exit-address-family
!
address-family ipv6 vrf cust84
 redistribute connected
 neighbor 1330:1::53:1 remote-as 65000
 neighbor 1330:1::53:1 activate
exit-address-family
!
address-family ipv4 vrf cust85
 redistribute connected
 neighbor 133.1.85.1 remote-as 65000
 neighbor 133.1.85.1 activate
exit-address-family
!
address-family ipv6 vrf cust85
 redistribute connected
 neighbor 1330:1::54:1 remote-as 65000
 neighbor 1330:1::54:1 activate
exit-address-family
!
address-family ipv4 vrf cust86
 redistribute connected
 neighbor 133.1.86.1 remote-as 65000
 neighbor 133.1.86.1 activate
exit-address-family
!
address-family ipv6 vrf cust86
 redistribute connected
 neighbor 1330:1::55:1 remote-as 65000
 neighbor 1330:1::55:1 activate
exit-address-family
!
address-family ipv4 vrf cust87
 redistribute connected
 neighbor 133.1.87.1 remote-as 65000
 neighbor 133.1.87.1 activate
exit-address-family
!
address-family ipv6 vrf cust87
 redistribute connected
 neighbor 1330:1::56:1 remote-as 65000
 neighbor 1330:1::56:1 activate
exit-address-family
!
address-family ipv4 vrf cust88
 redistribute connected
 neighbor 133.1.88.1 remote-as 65000
 neighbor 133.1.88.1 activate
exit-address-family
!
address-family ipv6 vrf cust88
 redistribute connected
 neighbor 1330:1::57:1 remote-as 65000
 neighbor 1330:1::57:1 activate
exit-address-family
!
address-family ipv4 vrf cust89
 redistribute connected
 neighbor 133.1.89.1 remote-as 65000
 neighbor 133.1.89.1 activate
```

```
exit-address-family
!
address-family ipv6 vrf cust89
 redistribute connected
 neighbor 1330:1::58:1 remote-as 65000
 neighbor 1330:1::58:1 activate
exit-address-family
!
address-family ipv4 vrf cust9
 redistribute connected
 neighbor 133.1.9.1 remote-as 65000
 neighbor 133.1.9.1 activate
exit-address-family
!
address-family ipv6 vrf cust9
 redistribute connected
 neighbor 1330:1::8:1 remote-as 65000
 neighbor 1330:1::8:1 activate
exit-address-family
!
address-family ipv4 vrf cust90
 redistribute connected
 neighbor 133.1.90.1 remote-as 65000
 neighbor 133.1.90.1 activate
exit-address-family
!
address-family ipv6 vrf cust90
 redistribute connected
 neighbor 1330:1::59:1 remote-as 65000
 neighbor 1330:1::59:1 activate
exit-address-family
!
address-family ipv4 vrf cust91
 redistribute connected
 neighbor 133.1.91.1 remote-as 65000
 neighbor 133.1.91.1 activate
exit-address-family
!
address-family ipv6 vrf cust91
 redistribute connected
 neighbor 1330:1::5A:1 remote-as 65000
 neighbor 1330:1::5A:1 activate
exit-address-family
!
address-family ipv4 vrf cust92
 redistribute connected
 neighbor 133.1.92.1 remote-as 65000
 neighbor 133.1.92.1 activate
exit-address-family
!
address-family ipv6 vrf cust92
 redistribute connected
 neighbor 1330:1::5B:1 remote-as 65000
 neighbor 1330:1::5B:1 activate
exit-address-family
!
address-family ipv4 vrf cust93
 redistribute connected
 neighbor 133.1.93.1 remote-as 65000
 neighbor 133.1.93.1 activate
exit-address-family
!
address-family ipv6 vrf cust93
 redistribute connected
```

```
 neighbor 1330:1::5C:1 remote-as 65000
 neighbor 1330:1::5C:1 activate
exit-address-family
!
address-family ipv4 vrf cust94
 redistribute connected
 neighbor 133.1.94.1 remote-as 65000
 neighbor 133.1.94.1 activate
exit-address-family
!
address-family ipv6 vrf cust94
 redistribute connected
 neighbor 1330:1::5D:1 remote-as 65000
 neighbor 1330:1::5D:1 activate
exit-address-family
!
address-family ipv4 vrf cust95
 redistribute connected
 neighbor 133.1.95.1 remote-as 65000
 neighbor 133.1.95.1 activate
exit-address-family
!
address-family ipv6 vrf cust95
 redistribute connected
 neighbor 1330:1::5E:1 remote-as 65000
 neighbor 1330:1::5E:1 activate
exit-address-family
!
address-family ipv4 vrf cust96
 redistribute connected
 neighbor 133.1.96.1 remote-as 65000
 neighbor 133.1.96.1 activate
exit-address-family
!
address-family ipv6 vrf cust96
 redistribute connected
 neighbor 1330:1::5F:1 remote-as 65000
 neighbor 1330:1::5F:1 activate
exit-address-family
!
address-family ipv4 vrf cust97
 redistribute connected
 neighbor 133.1.97.1 remote-as 65000
 neighbor 133.1.97.1 activate
exit-address-family
!
address-family ipv6 vrf cust97
 redistribute connected
 neighbor 1330:1::60:1 remote-as 65000
 neighbor 1330:1::60:1 activate
exit-address-family
!
address-family ipv4 vrf cust98
 redistribute connected
 neighbor 133.1.98.1 remote-as 65000
 neighbor 133.1.98.1 activate
exit-address-family
!
address-family ipv6 vrf cust98
 redistribute connected
 neighbor 1330:1::61:1 remote-as 65000
 neighbor 1330:1::61:1 activate
exit-address-family
!
```

```
 address-family ipv4 vrf cust99
  redistribute connected
  neighbor 133.1.99.1 remote-as 65000
  neighbor 133.1.99.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust99
  redistribute connected
  neighbor 1330:1::62:1 remote-as 65000
  neighbor 1330:1::62:1 activate
 exit-address-family
!
ip forward-protocol nd
ip forward-protocol udp
!
ip tcp selective-ack
ip tcp mss 1460
ip pim vrf cust1 rp-address 66.0.0.1
ip tftp source-interface GigabitEthernet0
ip tftp blocksize 8192
ip dns server
ip http server
ip http secure-server
ip http client source-interface TenGigabitEthernet0/0/7
ip http client secure-trustpoint SLA-TrustPoint
ip ssh bulk-mode 131072
ip ssh source-interface GigabitEthernet0
ip route 0.0.0.0 0.0.0.0 20.20.1.1
ip route 10.195.85.32 255.255.255.255 20.20.1.1
ip route 70.70.0.0 255.255.0.0 101.101.4.1
ip route 70.70.0.0 255.255.0.0 101.101.10.1
ip route vrf Mgmt-intf 0.0.0.0 0.0.0.0 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.174 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.220 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.246 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.195.85.32 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 11.3.0.1
ip route vrf Mgmt-intf 202.153.144.90 255.255.255.255 9.44.0.1
ip route vrf bwi100 66.66.66.96 255.255.255.255 13.13.13.1
ip route vrf cust1 16.0.0.0 255.0.0.0 192.168.10.2
ip route vrf cust1 17.0.0.0 255.0.0.0 192.168.11.2
ip route vrf cust1 48.0.0.0 255.0.0.0 55.55.55.2
ip route vrf cust1 49.0.0.0 255.0.0.0 55.55.55.2
ip route vrf cust1 192.168.20.0 255.255.255.0 55.55.55.2
ip route vrf cust1 192.168.21.0 255.255.255.0 55.55.55.2
!
ip access-list standard ALLOW-SERV
 10 permit 15.0.0.5
 20 permit 15.0.0.6
 30 permit 15.0.0.3
 40 permit 15.0.0.4
 50 permit 15.0.0.1
ip access-list standard PERMIT-ANY-INCOMING
 10 permit any
ip access-list standard PERMIT-OUT
 10 permit 133.1.1.0 0.0.0.255
 20 permit 51.1.1.0 0.0.0.255
 30 permit 52.1.1.0 0.0.0.255
 40 permit 121.1.1.0 0.0.0.255
 50 permit 115.1.1.0 0.0.0.255
 60 permit 36.0.0.1
ip access-list standard PERMIT-REGISTER-INTF
 10 permit 36.0.0.1
```

```
!
ip access-list extended GETVPN-FAILCLOSE-IN-bw600-LAB
 20 permit ip any any
ip access-list extended GETVPN-FAILCLOSE-OUT-bw600-LAB
 10 permit ip any any
ip access-list extended fc_revert_ipv4
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 deny ip any 15.0.0.0 0.255.255.255
 121 deny ip 115.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 122 deny ip 115.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 123 deny ip 117.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 127 deny ip 190.0.0.0 0.255.255.255 225.0.0.0 0.255.255.255
 137 deny ip 190.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 147 deny ip 115.0.0.0 0.255.255.255 126.0.0.0 0.255.255.255
 157 deny ip 126.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 158 deny ip 115.0.0.0 0.255.255.255 130.0.0.0 0.255.255.255
 159 deny ip 130.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 201 deny ip any 224.0.0.0 0.255.255.255
ip sla 20
 udp-jitter 15.0.0.1 16384 source-ip 133.1.1.2 source-port 16384 num-packets 100 interval
10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 20 life forever start-time now
ip sla 30
 udp-jitter 15.0.0.5 16385 source-ip 133.1.1.2 source-port 16385 num-packets 100 interval
10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 30 life forever start-time now
ip sla 50
 udp-jitter 190.1.1.1 16376 source-ip 115.1.1.1 source-port 16376 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
```

```
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 50 life forever start-time now
ip sla 51
 udp-jitter 190.1.1.1 16467 source-ip 115.1.1.1 source-port 16467 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 51 life forever start-time now
ip sla 52
 udp-jitter 131.1.1.1 16833 source-ip 115.1.1.1 source-port 16833 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 52 life forever start-time now
ip sla 53
 udp-jitter 101.1.1.1 16833 source-ip 102.1.1.1 source-port 16833 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 53 life forever start-time now
ip sla responder
logging trap warnings
logging facility local1
logging host 10.104.45.124
logging host 10.104.45.157
logging host 11.3.6.36 vrf Mgmt-intf transport tcp port 514
!
ipv6 prefix-list IXIA-NET-V6 seq 5 permit 1210:1::/112
!
ipv6 prefix-list PERMIT-REGISTER-INTF-V6 seq 5 permit 2001:31::6/128
!
ipv6 prefix-list v6-65022 seq 5 permit 5200:1::/112
ipv6 prefix-list v6-65022 seq 10 permit 5100:1::/112
ipv6 prefix-list v6-65022 seq 15 permit 1210:1::/112
ipv6 prefix-list v6-65022 seq 20 permit 6:6::/112
route-map site-local-pref-v6 permit 10
```

```
 match track  100
 match ipv6 address <removed>
 set local-preference 150
!
route-map site-local-pref-v6 deny 20
!
route-map v6-65022 permit 10
 match ipv6 address <removed>
!
route-map site-med-v6 permit 10
 match ipv6 address <removed>
!
route-map site-med-v6 permit 20
 match track  100
 set metric 200
!
route-map site-med permit 10
 match ip address PERMIT-REGISTER-INTF
 set metric 200
!
route-map site-med permit 20
 match ip address PERMIT-OUT
 match track  99
 set metric 200
!
route-map site-med deny 30
!
route-map site-local-pref permit 10
 match ip address ALLOW-SERV
 set local-preference 150
!
route-map site-local-pref permit 20
 match ip address PERMIT-ANY-INCOMING
 match track  99
 set local-preference 150
!
route-map site-local-pref deny 30
!
snmp-server community SNMP RW
snmp-server community public-read RO
snmp-server community public-rw RW
snmp-server community LIVE RW
snmp-server community DNAC RO
snmp-server community DNAC_SNMP RO
snmp-server trap link switchover
snmp-server trap-source GigabitEthernet0
snmp-server location India-bl11lab-3
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps vrrp
snmp-server enable traps pfr
snmp-server enable traps flowmon
snmp-server enable traps ds1
snmp-server enable traps entity-perf throughput-notif
snmp-server enable traps call-home message-send-fail server-fail
snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps casa
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
```

```
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps aaa_server
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change
inconsistency
snmp-server enable traps atm subif
snmp-server enable traps sonet
snmp-server enable traps srp
snmp-server enable traps memory bufferpeak
snmp-server enable traps fru-ctrl
snmp-server enable traps entity-qfp mem-res-thresh throughput-notif
snmp-server enable traps entity-sensor
snmp-server enable traps entity-state
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up
snmp-server enable traps ether-oam
snmp-server enable traps resource-policy
snmp-server enable traps ethernet evc status create delete
snmp-server enable traps event-manager
snmp-server enable traps frame-relay
snmp-server enable traps frame-relay subif
snmp-server enable traps hsrp
snmp-server enable traps dlsw
snmp-server enable traps bgp state-changes all backward-trans limited updown-limited
snmp-server enable traps bgp threshold prefix
snmp-server enable traps bgp cbgp2 state-changes all backward-trans limited updown-limited
snmp-server enable traps bgp cbgp2 threshold prefix
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps ipmulticast
snmp-server enable traps msdp
snmp-server enable traps mvpn
snmp-server enable traps rsvp
snmp-server enable traps isis
snmp-server enable traps dhcp
snmp-server enable traps ip local pool
snmp-server enable traps isdn call-information
snmp-server enable traps isdn layer2
snmp-server enable traps isdn chan-not-avail
snmp-server enable traps isdn ietf
snmp-server enable traps pki
snmp-server enable traps flash insertion removal lowspace
snmp-server enable traps config
snmp-server enable traps config-ctid
snmp-server enable traps entity
snmp-server enable traps cpu threshold
snmp-server enable traps config-copy
snmp-server enable traps syslog
snmp-server enable traps ospfv3 state-change
snmp-server enable traps ospfv3 errors
snmp-server enable traps adslline
snmp-server enable traps vdsl2line
snmp-server enable traps cnpd
snmp-server enable traps auth-framework sec-violation
snmp-server enable traps pppoe
snmp-server enable traps ipsla
snmp-server enable traps l2tun session
snmp-server enable traps l2tun pseudowire status
snmp-server enable traps pimstdmib neighbor-loss invalid-register invalid-join-prune
rp-mapping-change interface-election
snmp-server enable traps netsync
snmp-server enable traps ptp
snmp-server enable traps lost-ptp-slave
snmp-server enable traps breach-ptp-offset-threshold
```

```
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached
scheduled-test-fail
snmp-server enable traps smart-license
snmp-server enable traps bfd
snmp-server enable traps diameter
snmp-server enable traps lisp
snmp-server enable traps mpls rfc ldp
snmp-server enable traps mpls ldp
snmp-server enable traps mpls rfc traffic-eng
snmp-server enable traps mpls traffic-eng
snmp-server enable traps mpls fast-reroute protected
snmp-server enable traps otn
snmp-server enable traps pw vc
snmp-server enable traps dial
snmp-server enable traps dsp card-status
snmp-server enable traps dsp oper-state
snmp-server enable traps dsp video-usage
snmp-server enable traps dsp video-out-of-resource
snmp-server enable traps sbc adj-status
snmp-server enable traps sbc blacklist
snmp-server enable traps sbc congestion-alarm
snmp-server enable traps sbc h248-ctrlr-status
snmp-server enable traps sbc media-source
snmp-server enable traps sbc radius-conn-status
snmp-server enable traps sbc sla-violation
snmp-server enable traps sbc sla-violation-rev1
snmp-server enable traps sbc svc-state
snmp-server enable traps sbc qos-statistics
snmp-server enable traps firewall serverstatus
snmp-server enable traps frame-relay multilink bundle-mismatch
snmp-server enable traps ike policy add
snmp-server enable traps ike policy delete
snmp-server enable traps ike tunnel start
snmp-server enable traps ike tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps gdoi gm-start-registration
snmp-server enable traps gdoi gm-registration-complete
snmp-server enable traps gdoi gm-re-register
snmp-server enable traps gdoi gm-rekey-rcvd
snmp-server enable traps gdoi gm-rekey-fail
snmp-server enable traps gdoi ks-rekey-pushed
snmp-server enable traps gdoi gm-incomplete-cfg
snmp-server enable traps gdoi ks-no-rsa-keys
snmp-server enable traps gdoi ks-new-registration
snmp-server enable traps gdoi ks-reg-complete
snmp-server enable traps gdoi ks-role-change
snmp-server enable traps gdoi ks-gm-deleted
snmp-server enable traps gdoi ks-peer-reachable
snmp-server enable traps gdoi ks-peer-unreachable
snmp-server enable traps alarms informational
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps ethernet cfm alarm
snmp-server enable traps rf
snmp-server enable traps vrfmib vrf-up vrf-down vnet-trunk-up vnet-trunk-down
snmp-server enable traps transceiver all
snmp-server enable traps mpls vpn
snmp-server enable traps mpls rfc vpn
snmp-server enable traps voice
```

```
snmp-server host 10.104.45.157 vrf Mgmt-intf version 2c DNAC
snmp-server host 10.104.45.246 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server host 11.3.6.36 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server host 10.104.45.124 version 2c public
snmp-server host 10.104.45.157 version 2c public
snmp-server host 10.104.45.124 version 2c public2
snmp-server host 10.104.45.157 version 2c public2
snmp-server manager
!
!
!
!
!
ipv6 access-list GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list PERMIT-ANY-INCOMING-IPv6
 sequence 10 permit ipv6 any any
!
ipv6 access-list fc_revert_ipv6
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 151 deny ipv6 FE80::/16 FF02::/16
 sequence 152 deny ipv6 FF02::/16 FE80::/16
 sequence 153 deny ipv6 FE00::/8 FE00::/8
 sequence 154 deny ipv6 FF00::/8 FF00::/8
 sequence 160 deny ipv6 1150::/16 1900::/16
 sequence 161 deny ipv6 1900::/16 1150::/16
 sequence 162 deny ipv6 1170::/16 1150::/16
 sequence 170 deny ipv6 1150::/16 1170::/16
 sequence 180 deny ipv6 1150::/16 1260::/16
 sequence 190 deny ipv6 1260::/16 1150::/16
 sequence 191 deny ipv6 1150::/16 1300::/16
 sequence 192 deny ipv6 1300::/16 1150::/16
!
control-plane
!
!
!
!
!
!
line con 0
 exec-timeout 0 0
 stopbits 1
line aux 0
line vty 0 4
 password 7 <removed>
 length 0
```

```
 transport input all
 transport output all
!
monitor drop log urpf
call-home
 ! If contact email address in call-home is configured as sch-smart-licensing@cisco.com
 ! the email address configured in Cisco Smart License Portal will be used as contact email
 address to send SCH notifications.
 contact-email-addr sch-smart-licensing@cisco.com
 profile "CiscoTAC-1"
  active
  destination transport-method http
  destination address http
https://tools-stage.cisco.com/its/service/oddce/services/DDCEService
  no destination address http https://tools.cisco.com/its/service/oddce/services/DDCEService

ntp trusted-key 1
ntp source GigabitEthernet0
ntp master 1
ntp server vrf Mgmt-intf 9.44.44.65 prefer
ntp server 171.68.38.65
ntp server vrf Mgmt-intf 11.3.6.10
ntp server vrf Mgmt-intf 9.44.32.54
!
!
netconf ssh
!
!
!
!
!
telemetry ietf subscription 294967224
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967225
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967226
 filter xpath /crypto-ios-xe-events:nhrp-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967227
 filter xpath /crypto-ios-xe-events:ike-ipsec-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967228
 filter xpath /crypto-ios-xe-events:ike-ipsec-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967229
 filter xpath /qfp-resource-ios-xe-events:qfp-exmem-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967232
 filter xpath /utd-ios-xe-events:utd-con
 stream rfc5277
```

```
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967233
 filter xpath /red-app-events:red-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967234
 filter xpath /sse-ios-xe-events:sse-tunnel-params-absent
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967236
 filter xpath /nat-ios-xe-events:nat-route-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967237
 filter xpath /endpoint-tracker-ios-xe-events:tracker-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967238
 filter xpath /dca-ios-xe-events:dca-change-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967239
 filter xpath /geo-ios-xe-events:geo-db-update-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967240
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967241
 filter xpath /appqoe-ios-xe-events:appqoe-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967242
 filter xpath /appqoe-ios-xe-events:appqoe-alarm
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967243
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-expiry
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967244
 filter xpath /line-ios-xe-events:line-state-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967245
 filter xpath /ospf-ios-xe-events:ospfv3-nbr-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967246
 filter xpath /ospf-ios-xe-events:ospfv3-if-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967249
 filter xpath /ios-events-ios-xe-oper:umbrella-dnscrypt-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967250
 filter xpath /ios-events-ios-xe-oper:umbrella-dev-reg-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967251
 filter xpath /ios-events-ios-xe-oper:bridge-interface-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967252
 filter xpath /ios-events-ios-xe-oper:bridge-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967253
 filter xpath /im-events-ios-xe-oper:im-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967254
 filter xpath /ios-events-ios-xe-oper:vrrp-group-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967258
 filter xpath /ios-events-ios-xe-oper:usb-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967259
 filter xpath /ios-events-ios-xe-oper:tempsensor-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967260
 filter xpath /ios-events-ios-xe-oper:tempsensor-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967261
 filter xpath /ios-events-ios-xe-oper:system-reboot-issued
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967262
 filter xpath /ios-events-ios-xe-oper:system-reboot-complete
 stream rfc5277
```

```
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967263
 filter xpath /ios-events-ios-xe-oper:system-logout-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967264
 filter xpath /ios-events-ios-xe-oper:system-login-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967265
 filter xpath /ios-events-ios-xe-oper:system-aaa-login-fail
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967266
 filter xpath /ios-events-ios-xe-oper:sfp-support-state
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967267
 filter xpath /ios-events-ios-xe-oper:sfp-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967268
 filter xpath /ios-events-ios-xe-oper:sdcard-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967269
 filter xpath /ios-events-ios-xe-oper:pim-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967270
 filter xpath /ios-events-ios-xe-oper:pim-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967271
 filter xpath /ios-events-ios-xe-oper:pem-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967272
 filter xpath /ios-events-ios-xe-oper:pem-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967273
 filter xpath /ios-events-ios-xe-oper:ospf-neighbor-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967274
 filter xpath /ios-events-ios-xe-oper:ospf-interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967275
 filter xpath /ios-events-ios-xe-oper:memory-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967276
```

```
 filter xpath /ios-events-ios-xe-oper:interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967277
 filter xpath /ios-events-ios-xe-oper:interface-admin-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967278
 filter xpath /ios-events-ios-xe-oper:flash-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967279
 filter xpath /ios-events-ios-xe-oper:fib-updates
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967280
 filter xpath /ios-events-ios-xe-oper:fantray-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967281
 filter xpath /ios-events-ios-xe-oper:fan-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967282
 filter xpath /ios-events-ios-xe-oper:emmc-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967283
 filter xpath /ios-events-ios-xe-oper:disk-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967284
 filter xpath /ios-events-ios-xe-oper:dhcp-server-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967285
 filter xpath /ios-events-ios-xe-oper:dhcp-address-renewed
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967286
 filter xpath /ios-events-ios-xe-oper:dhcp-address-released
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967287
 filter xpath /ios-events-ios-xe-oper:dhcp-address-rejected
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967288
 filter xpath /ios-events-ios-xe-oper:dhcp-address-assigned
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967289
 filter xpath /ios-events-ios-xe-oper:cpu-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967290
 filter xpath /ios-events-ios-xe-oper:cellular-sim-status-change
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967291
 filter xpath /ios-events-ios-xe-oper:cellular-network-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967292
 filter xpath /ios-events-ios-xe-oper:cellular-modem-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967293
 filter xpath /ios-events-ios-xe-oper:bgp-peer-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967294
 filter xpath /ios-events-ios-xe-oper:app-dpi-flows-out-of-memory
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967295
 filter xpath /ios-events-ios-xe-oper:aaa-admin-pwd-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967244
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967245
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967246
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-file-upload-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967253
 filter xpath /im-events-ios-xe-oper:im-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967257
```

```
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry receiver protocol confd-rfc5277
 host ip-address 0.0.0.0 0
 protocol rfc5277
netconf-yang
netconf-yang feature candidate-datastore
yang-interfaces feature deprecated disable
sd-routing
 no ipv6-strict-control
 organization-name vmng-scale-ind-getvpn
 site-id 201604
 sp-organization-name vmng-scale-ind
 system-ip 223.1.1.4
 vbond name vbond1
 vbond port 12346
 wan-interface TenGigabitEthernet0/1/0
 wan-interface TenGigabitEthernet0/1/2
  vmanage-connection-preference 4
end
```

WAN Aggregation GETVPN GM7 yang commands

Configuration example for GM7

```
!
! Last configuration change at 00:01:41 IST Tue Dec 3 2024 by admin
!
version 17.17
service timestamps debug datetime msec localtime show-timezone
service timestamps log datetime localtime
service password-encryption
service internal
service call-home
platform qfp utilization monitor load 80
platform ipreass threshold ipv4 1024
platform ipreass threshold ipv6 1024
platform hardware throughput crypto 2.5G
!
hostname gm7_curie
!
boot-start-marker
boot system bootflash:c8000be-universalk9.2024-12-02_14.34_vipbansa.SSA.bin
! Warning: Booting with bundle mode will be deprecated in the near future. Migration to
install mode is required.
boot-end-marker
!
!
vrf definition Mgmt-intf
 !
 address-family ipv4
 exit-address-family
 !
 address-family ipv6
 exit-address-family
!
vrf definition cust1
 rd 101:1
 !
 address-family ipv4
  route-target export 101:1
  route-target import 101:1
 exit-address-family
 !
 address-family ipv6
  route-target export 101:1
  route-target import 101:1
 exit-address-family
!
vrf definition cust10
 rd 110:1
 !
 address-family ipv4
  route-target export 110:1
  route-target import 110:1
 exit-address-family
 !
 address-family ipv6
  route-target export 110:1
  route-target import 110:1
 exit-address-family
!
```

```
vrf definition cust100
 rd 200:1
 !
 address-family ipv4
  route-target export 200:1
  route-target import 200:1
 exit-address-family
 !
 address-family ipv6
  route-target export 200:1
  route-target import 200:1
 exit-address-family
!
vrf definition cust11
 rd 111:1
 !
 address-family ipv4
  route-target export 111:1
  route-target import 111:1
 exit-address-family
 !
 address-family ipv6
  route-target export 111:1
  route-target import 111:1
 exit-address-family
!
vrf definition cust12
 rd 112:1
 !
 address-family ipv4
  route-target export 112:1
  route-target import 112:1
 exit-address-family
 !
 address-family ipv6
  route-target export 112:1
  route-target import 112:1
 exit-address-family
!
vrf definition cust13
 rd 113:1
 !
 address-family ipv4
  route-target export 113:1
  route-target import 113:1
 exit-address-family
 !
 address-family ipv6
  route-target export 113:1
  route-target import 113:1
 exit-address-family
!
vrf definition cust14
 rd 114:1
 !
 address-family ipv4
  route-target export 114:1
  route-target import 114:1
 exit-address-family
 !
 address-family ipv6
  route-target export 114:1
  route-target import 114:1
 exit-address-family
```

```
!
vrf definition cust15
 rd 115:1
 !
 address-family ipv4
  route-target export 115:1
  route-target import 115:1
 exit-address-family
 !
 address-family ipv6
  route-target export 115:1
  route-target import 115:1
 exit-address-family
!
vrf definition cust16
 rd 116:1
 !
 address-family ipv4
  route-target export 116:1
  route-target import 116:1
 exit-address-family
 !
 address-family ipv6
  route-target export 116:1
  route-target import 116:1
 exit-address-family
!
vrf definition cust17
 rd 117:1
 !
 address-family ipv4
  route-target export 117:1
  route-target import 117:1
 exit-address-family
 !
 address-family ipv6
  route-target export 117:1
  route-target import 117:1
 exit-address-family
!
vrf definition cust18
 rd 118:1
 !
 address-family ipv4
  route-target export 118:1
  route-target import 118:1
 exit-address-family
 !
 address-family ipv6
  route-target export 118:1
  route-target import 118:1
 exit-address-family
!
vrf definition cust19
 rd 119:1
 !
 address-family ipv4
  route-target export 119:1
  route-target import 119:1
 exit-address-family
 !
 address-family ipv6
  route-target export 119:1
  route-target import 119:1
```

```
 exit-address-family
!
vrf definition cust2
 rd 102:1
 !
 address-family ipv4
  route-target export 102:1
  route-target import 102:1
 exit-address-family
 !
 address-family ipv6
  route-target export 102:1
  route-target import 102:1
 exit-address-family
!
vrf definition cust20
 rd 120:1
 !
 address-family ipv4
  route-target export 120:1
  route-target import 120:1
 exit-address-family
 !
 address-family ipv6
  route-target export 120:1
  route-target import 120:1
 exit-address-family
!
vrf definition cust21
 rd 121:1
 !
 address-family ipv4
  route-target export 121:1
  route-target import 121:1
 exit-address-family
 !
 address-family ipv6
  route-target export 121:1
  route-target import 121:1
 exit-address-family
!
vrf definition cust22
 rd 122:1
 !
 address-family ipv4
  route-target export 122:1
  route-target import 122:1
 exit-address-family
 !
 address-family ipv6
  route-target export 122:1
  route-target import 122:1
 exit-address-family
!
vrf definition cust23
 rd 123:1
 !
 address-family ipv4
  route-target export 123:1
  route-target import 123:1
 exit-address-family
 !
 address-family ipv6
  route-target export 123:1
```

```
  route-target import 123:1
 exit-address-family
!
vrf definition cust24
 rd 124:1
 !
 address-family ipv4
  route-target export 124:1
  route-target import 124:1
 exit-address-family
 !
 address-family ipv6
  route-target export 124:1
  route-target import 124:1
 exit-address-family
!
vrf definition cust25
 rd 125:1
 !
 address-family ipv4
  route-target export 125:1
  route-target import 125:1
 exit-address-family
 !
 address-family ipv6
  route-target export 125:1
  route-target import 125:1
 exit-address-family
!
vrf definition cust26
 rd 126:1
 !
 address-family ipv4
  route-target export 126:1
  route-target import 126:1
 exit-address-family
 !
 address-family ipv6
  route-target export 126:1
  route-target import 126:1
 exit-address-family
!
vrf definition cust27
 rd 127:1
 !
 address-family ipv4
  route-target export 127:1
  route-target import 127:1
 exit-address-family
 !
 address-family ipv6
  route-target export 127:1
  route-target import 127:1
 exit-address-family
!
vrf definition cust28
 rd 128:1
 !
 address-family ipv4
  route-target export 128:1
  route-target import 128:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 128:1
  route-target import 128:1
 exit-address-family
!
vrf definition cust29
 rd 129:1
 !
 address-family ipv4
  route-target export 129:1
  route-target import 129:1
 exit-address-family
 !
 address-family ipv6
  route-target export 129:1
  route-target import 129:1
 exit-address-family
!
vrf definition cust3
 rd 103:1
 !
 address-family ipv4
  route-target export 103:1
  route-target import 103:1
 exit-address-family
 !
 address-family ipv6
  route-target export 103:1
  route-target import 103:1
 exit-address-family
!
vrf definition cust30
 rd 130:1
 !
 address-family ipv4
  route-target export 130:1
  route-target import 130:1
 exit-address-family
 !
 address-family ipv6
  route-target export 130:1
  route-target import 130:1
 exit-address-family
!
vrf definition cust31
 rd 131:1
 !
 address-family ipv4
  route-target export 131:1
  route-target import 131:1
 exit-address-family
 !
 address-family ipv6
  route-target export 131:1
  route-target import 131:1
 exit-address-family
!
vrf definition cust32
 rd 132:1
 !
 address-family ipv4
  route-target export 132:1
  route-target import 132:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 132:1
  route-target import 132:1
 exit-address-family
!
vrf definition cust33
 rd 133:1
 !
 address-family ipv4
  route-target export 133:1
  route-target import 133:1
 exit-address-family
 !
 address-family ipv6
  route-target export 133:1
  route-target import 133:1
 exit-address-family
!
vrf definition cust34
 rd 134:1
 !
 address-family ipv4
  route-target export 134:1
  route-target import 134:1
 exit-address-family
 !
 address-family ipv6
  route-target export 134:1
  route-target import 134:1
 exit-address-family
!
vrf definition cust35
 rd 135:1
 !
 address-family ipv4
  route-target export 135:1
  route-target import 135:1
 exit-address-family
 !
 address-family ipv6
  route-target export 135:1
  route-target import 135:1
 exit-address-family
!
vrf definition cust36
 rd 136:1
 !
 address-family ipv4
  route-target export 136:1
  route-target import 136:1
 exit-address-family
 !
 address-family ipv6
  route-target export 136:1
  route-target import 136:1
 exit-address-family
!
vrf definition cust37
 rd 137:1
 !
 address-family ipv4
  route-target export 137:1
  route-target import 137:1
 exit-address-family
```

```
 !
 address-family ipv6
  route-target export 137:1
  route-target import 137:1
 exit-address-family
!
vrf definition cust38
 rd 138:1
 !
 address-family ipv4
  route-target export 138:1
  route-target import 138:1
 exit-address-family
 !
 address-family ipv6
  route-target export 138:1
  route-target import 138:1
 exit-address-family
!
vrf definition cust39
 rd 139:1
 !
 address-family ipv4
  route-target export 139:1
  route-target import 139:1
 exit-address-family
 !
 address-family ipv6
  route-target export 139:1
  route-target import 139:1
 exit-address-family
!
vrf definition cust4
 rd 104:1
 !
 address-family ipv4
  route-target export 104:1
  route-target import 104:1
 exit-address-family
 !
 address-family ipv6
  route-target export 104:1
  route-target import 104:1
 exit-address-family
!
vrf definition cust40
 rd 140:1
 !
 address-family ipv4
  route-target export 140:1
  route-target import 140:1
 exit-address-family
 !
 address-family ipv6
  route-target export 140:1
  route-target import 140:1
 exit-address-family
!
vrf definition cust41
 rd 141:1
 !
 address-family ipv4
  route-target export 141:1
  route-target import 141:1
```

```
 exit-address-family
 !
 address-family ipv6
  route-target export 141:1
  route-target import 141:1
 exit-address-family
!
vrf definition cust42
 rd 142:1
 !
 address-family ipv4
  route-target export 142:1
  route-target import 142:1
 exit-address-family
 !
 address-family ipv6
  route-target export 142:1
  route-target import 142:1
 exit-address-family
!
vrf definition cust43
 rd 143:1
 !
 address-family ipv4
  route-target export 143:1
  route-target import 143:1
 exit-address-family
 !
 address-family ipv6
  route-target export 143:1
  route-target import 143:1
 exit-address-family
!
vrf definition cust44
 rd 144:1
 !
 address-family ipv4
  route-target export 144:1
  route-target import 144:1
 exit-address-family
 !
 address-family ipv6
  route-target export 144:1
  route-target import 144:1
 exit-address-family
!
vrf definition cust45
 rd 145:1
 !
 address-family ipv4
  route-target export 145:1
  route-target import 145:1
 exit-address-family
 !
 address-family ipv6
  route-target export 145:1
  route-target import 145:1
 exit-address-family
!
vrf definition cust46
 rd 146:1
 !
 address-family ipv4
  route-target export 146:1
```

```
  route-target import 146:1
 exit-address-family
 !
 address-family ipv6
  route-target export 146:1
  route-target import 146:1
 exit-address-family
!
vrf definition cust47
 rd 147:1
 !
 address-family ipv4
  route-target export 147:1
  route-target import 147:1
 exit-address-family
 !
 address-family ipv6
  route-target export 147:1
  route-target import 147:1
 exit-address-family
!
vrf definition cust48
 rd 148:1
 !
 address-family ipv4
  route-target export 148:1
  route-target import 148:1
 exit-address-family
 !
 address-family ipv6
  route-target export 148:1
  route-target import 148:1
 exit-address-family
!
vrf definition cust49
 rd 149:1
 !
 address-family ipv4
  route-target export 149:1
  route-target import 149:1
 exit-address-family
 !
 address-family ipv6
  route-target export 149:1
  route-target import 149:1
 exit-address-family
!
vrf definition cust5
 rd 105:1
 !
 address-family ipv4
  route-target export 105:1
  route-target import 105:1
 exit-address-family
 !
 address-family ipv6
  route-target export 105:1
  route-target import 105:1
 exit-address-family
!
vrf definition cust50
 rd 150:1
 !
 address-family ipv4
```

```
  route-target export 150:1
  route-target import 150:1
 exit-address-family
 !
 address-family ipv6
  route-target export 150:1
  route-target import 150:1
 exit-address-family
!
vrf definition cust51
 rd 151:1
 !
 address-family ipv4
  route-target export 151:1
  route-target import 151:1
 exit-address-family
 !
 address-family ipv6
  route-target export 151:1
  route-target import 151:1
 exit-address-family
!
vrf definition cust52
 rd 152:1
 !
 address-family ipv4
  route-target export 152:1
  route-target import 152:1
 exit-address-family
 !
 address-family ipv6
  route-target export 152:1
  route-target import 152:1
 exit-address-family
!
vrf definition cust53
 rd 153:1
 !
 address-family ipv4
  route-target export 153:1
  route-target import 153:1
 exit-address-family
 !
 address-family ipv6
  route-target export 153:1
  route-target import 153:1
 exit-address-family
!
vrf definition cust54
 rd 154:1
 !
 address-family ipv4
  route-target export 154:1
  route-target import 154:1
 exit-address-family
 !
 address-family ipv6
  route-target export 154:1
  route-target import 154:1
 exit-address-family
!
vrf definition cust55
 rd 155:1
 !
```

```
 address-family ipv4
  route-target export 155:1
  route-target import 155:1
 exit-address-family
 !
 address-family ipv6
  route-target export 155:1
  route-target import 155:1
 exit-address-family
!
vrf definition cust56
 rd 156:1
 !
 address-family ipv4
  route-target export 156:1
  route-target import 156:1
 exit-address-family
 !
 address-family ipv6
  route-target export 156:1
  route-target import 156:1
 exit-address-family
!
vrf definition cust57
 rd 157:1
 !
 address-family ipv4
  route-target export 157:1
  route-target import 157:1
 exit-address-family
 !
 address-family ipv6
  route-target export 157:1
  route-target import 157:1
 exit-address-family
!
vrf definition cust58
 rd 158:1
 !
 address-family ipv4
  route-target export 158:1
  route-target import 158:1
 exit-address-family
 !
 address-family ipv6
  route-target export 158:1
  route-target import 158:1
 exit-address-family
!
vrf definition cust59
 rd 159:1
 !
 address-family ipv4
  route-target export 159:1
  route-target import 159:1
 exit-address-family
 !
 address-family ipv6
  route-target export 159:1
  route-target import 159:1
 exit-address-family
!
vrf definition cust6
 rd 106:1
```

```
 !
 address-family ipv4
  route-target export 106:1
  route-target import 106:1
 exit-address-family
 !
 address-family ipv6
  route-target export 106:1
  route-target import 106:1
 exit-address-family
!
vrf definition cust60
 rd 160:1
 !
 address-family ipv4
  route-target export 160:1
  route-target import 160:1
 exit-address-family
 !
 address-family ipv6
  route-target export 160:1
  route-target import 160:1
 exit-address-family
!
vrf definition cust61
 rd 161:1
 !
 address-family ipv4
  route-target export 161:1
  route-target import 161:1
 exit-address-family
 !
 address-family ipv6
  route-target export 161:1
  route-target import 161:1
 exit-address-family
!
vrf definition cust62
 rd 162:1
 !
 address-family ipv4
  route-target export 162:1
  route-target import 162:1
 exit-address-family
 !
 address-family ipv6
  route-target export 162:1
  route-target import 162:1
 exit-address-family
!
vrf definition cust63
 rd 163:1
 !
 address-family ipv4
  route-target export 163:1
  route-target import 163:1
 exit-address-family
 !
 address-family ipv6
  route-target export 163:1
  route-target import 163:1
 exit-address-family
!
vrf definition cust64
```

```
 rd 164:1
 !
 address-family ipv4
  route-target export 164:1
  route-target import 164:1
 exit-address-family
 !
 address-family ipv6
  route-target export 164:1
  route-target import 164:1
 exit-address-family
!
vrf definition cust65
 rd 165:1
 !
 address-family ipv4
  route-target export 165:1
  route-target import 165:1
 exit-address-family
 !
 address-family ipv6
  route-target export 165:1
  route-target import 165:1
 exit-address-family
!
vrf definition cust66
 rd 166:1
 !
 address-family ipv4
  route-target export 166:1
  route-target import 166:1
 exit-address-family
 !
 address-family ipv6
  route-target export 166:1
  route-target import 166:1
 exit-address-family
!
vrf definition cust67
 rd 167:1
 !
 address-family ipv4
  route-target export 167:1
  route-target import 167:1
 exit-address-family
 !
 address-family ipv6
  route-target export 167:1
  route-target import 167:1
 exit-address-family
!
vrf definition cust68
 rd 168:1
 !
 address-family ipv4
  route-target export 168:1
  route-target import 168:1
 exit-address-family
 !
 address-family ipv6
  route-target export 168:1
  route-target import 168:1
 exit-address-family
!
```

```
vrf definition cust69
 rd 169:1
 !
 address-family ipv4
  route-target export 169:1
  route-target import 169:1
 exit-address-family
 !
 address-family ipv6
  route-target export 169:1
  route-target import 169:1
 exit-address-family
!
vrf definition cust7
 rd 107:1
 !
 address-family ipv4
  route-target export 107:1
  route-target import 107:1
 exit-address-family
 !
 address-family ipv6
  route-target export 107:1
  route-target import 107:1
 exit-address-family
!
vrf definition cust70
 rd 170:1
 !
 address-family ipv4
  route-target export 170:1
  route-target import 170:1
 exit-address-family
 !
 address-family ipv6
  route-target export 170:1
  route-target import 170:1
 exit-address-family
!
vrf definition cust71
 rd 171:1
 !
 address-family ipv4
  route-target export 171:1
  route-target import 171:1
 exit-address-family
 !
 address-family ipv6
  route-target export 171:1
  route-target import 171:1
 exit-address-family
!
vrf definition cust72
 rd 172:1
 !
 address-family ipv4
  route-target export 172:1
  route-target import 172:1
 exit-address-family
 !
 address-family ipv6
  route-target export 172:1
  route-target import 172:1
 exit-address-family
```

```
!
vrf definition cust73
 rd 173:1
 !
 address-family ipv4
  route-target export 173:1
  route-target import 173:1
 exit-address-family
 !
 address-family ipv6
  route-target export 173:1
  route-target import 173:1
 exit-address-family
!
vrf definition cust74
 rd 174:1
 !
 address-family ipv4
  route-target export 174:1
  route-target import 174:1
 exit-address-family
 !
 address-family ipv6
  route-target export 174:1
  route-target import 174:1
 exit-address-family
!
vrf definition cust75
 rd 175:1
 !
 address-family ipv4
  route-target export 175:1
  route-target import 175:1
 exit-address-family
 !
 address-family ipv6
  route-target export 175:1
  route-target import 175:1
 exit-address-family
!
vrf definition cust76
 rd 176:1
 !
 address-family ipv4
  route-target export 176:1
  route-target import 176:1
 exit-address-family
 !
 address-family ipv6
  route-target export 176:1
  route-target import 176:1
 exit-address-family
!
vrf definition cust77
 rd 177:1
 !
 address-family ipv4
  route-target export 177:1
  route-target import 177:1
 exit-address-family
 !
 address-family ipv6
  route-target export 177:1
  route-target import 177:1
```

```
 exit-address-family
!
vrf definition cust78
 rd 178:1
 !
 address-family ipv4
  route-target export 178:1
  route-target import 178:1
 exit-address-family
 !
 address-family ipv6
  route-target export 178:1
  route-target import 178:1
 exit-address-family
!
vrf definition cust79
 rd 179:1
 !
 address-family ipv4
  route-target export 179:1
  route-target import 179:1
 exit-address-family
 !
 address-family ipv6
  route-target export 179:1
  route-target import 179:1
 exit-address-family
!
vrf definition cust8
 rd 108:1
 !
 address-family ipv4
  route-target export 108:1
  route-target import 108:1
 exit-address-family
 !
 address-family ipv6
  route-target export 108:1
  route-target import 108:1
 exit-address-family
!
vrf definition cust80
 rd 180:1
 !
 address-family ipv4
  route-target export 180:1
  route-target import 180:1
 exit-address-family
 !
 address-family ipv6
  route-target export 180:1
  route-target import 180:1
 exit-address-family
!
vrf definition cust81
 rd 181:1
 !
 address-family ipv4
  route-target export 181:1
  route-target import 181:1
 exit-address-family
 !
 address-family ipv6
  route-target export 181:1
```

```
  route-target import 181:1
 exit-address-family
!
vrf definition cust82
 rd 182:1
 !
 address-family ipv4
  route-target export 182:1
  route-target import 182:1
 exit-address-family
 !
 address-family ipv6
  route-target export 182:1
  route-target import 182:1
 exit-address-family
!
vrf definition cust83
 rd 183:1
 !
 address-family ipv4
  route-target export 183:1
  route-target import 183:1
 exit-address-family
 !
 address-family ipv6
  route-target export 183:1
  route-target import 183:1
 exit-address-family
!
vrf definition cust84
 rd 184:1
 !
 address-family ipv4
  route-target export 184:1
  route-target import 184:1
 exit-address-family
 !
 address-family ipv6
  route-target export 184:1
  route-target import 184:1
 exit-address-family
!
vrf definition cust85
 rd 185:1
 !
 address-family ipv4
  route-target export 185:1
  route-target import 185:1
 exit-address-family
 !
 address-family ipv6
  route-target export 185:1
  route-target import 185:1
 exit-address-family
!
vrf definition cust86
 rd 186:1
 !
 address-family ipv4
  route-target export 186:1
  route-target import 186:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 186:1
  route-target import 186:1
 exit-address-family
!
vrf definition cust87
 rd 187:1
 !
 address-family ipv4
  route-target export 187:1
  route-target import 187:1
 exit-address-family
 !
 address-family ipv6
  route-target export 187:1
  route-target import 187:1
 exit-address-family
!
vrf definition cust88
 rd 188:1
 !
 address-family ipv4
  route-target export 188:1
  route-target import 188:1
 exit-address-family
 !
 address-family ipv6
  route-target export 188:1
  route-target import 188:1
 exit-address-family
!
vrf definition cust89
 rd 189:1
 !
 address-family ipv4
  route-target export 189:1
  route-target import 189:1
 exit-address-family
 !
 address-family ipv6
  route-target export 189:1
  route-target import 189:1
 exit-address-family
!
vrf definition cust9
 rd 109:1
 !
 address-family ipv4
  route-target export 109:1
  route-target import 109:1
 exit-address-family
 !
 address-family ipv6
  route-target export 109:1
  route-target import 109:1
 exit-address-family
!
vrf definition cust90
 rd 190:1
 !
 address-family ipv4
  route-target export 190:1
  route-target import 190:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 190:1
  route-target import 190:1
 exit-address-family
!
vrf definition cust91
 rd 191:1
 !
 address-family ipv4
  route-target export 191:1
  route-target import 191:1
 exit-address-family
 !
 address-family ipv6
  route-target export 191:1
  route-target import 191:1
 exit-address-family
!
vrf definition cust92
 rd 192:1
 !
 address-family ipv4
  route-target export 192:1
  route-target import 192:1
 exit-address-family
 !
 address-family ipv6
  route-target export 192:1
  route-target import 192:1
 exit-address-family
!
vrf definition cust93
 rd 193:1
 !
 address-family ipv4
  route-target export 193:1
  route-target import 193:1
 exit-address-family
 !
 address-family ipv6
  route-target export 193:1
  route-target import 193:1
 exit-address-family
!
vrf definition cust94
 rd 194:1
 !
 address-family ipv4
  route-target export 194:1
  route-target import 194:1
 exit-address-family
 !
 address-family ipv6
  route-target export 194:1
  route-target import 194:1
 exit-address-family
!
vrf definition cust95
 rd 195:1
 !
 address-family ipv4
  route-target export 195:1
  route-target import 195:1
 exit-address-family
```

```
 !
 address-family ipv6
  route-target export 195:1
  route-target import 195:1
 exit-address-family
!
vrf definition cust96
 rd 196:1
 !
 address-family ipv4
  route-target export 196:1
  route-target import 196:1
 exit-address-family
 !
 address-family ipv6
  route-target export 196:1
  route-target import 196:1
 exit-address-family
!
vrf definition cust97
 rd 197:1
 !
 address-family ipv4
  route-target export 197:1
  route-target import 197:1
 exit-address-family
 !
 address-family ipv6
  route-target export 197:1
  route-target import 197:1
 exit-address-family
!
vrf definition cust98
 rd 198:1
 !
 address-family ipv4
  route-target export 198:1
  route-target import 198:1
 exit-address-family
 !
 address-family ipv6
  route-target export 198:1
  route-target import 198:1
 exit-address-family
!
vrf definition cust99
 rd 199:1
 !
 address-family ipv4
  route-target export 199:1
  route-target import 199:1
 exit-address-family
 !
 address-family ipv6
  route-target export 199:1
  route-target import 199:1
 exit-address-family
!
logging buffered 99999999
aaa new-model
!
!
aaa group server tacacs+ mgmt
 server-private 9.45.47.245 key 7 010703174F020808701E1D
```

```
 server-private 10.104.45.220 key 7 021201481F0F01261D1C5A
 ip tacacs source-interface GigabitEthernet0/0/3
!
aaa authentication login default local
aaa authentication enable default enable
aaa authorization console
aaa authorization exec default local
!
!
aaa session-id common
clock timezone IST 5 30
!
ip multicast-routing distributed
ip multicast-routing vrf cust1 distributed
ip host vbond1 70.70.70.125
ip host vrf cust11 vbond1 70.70.70.125
ip name-server 171.70.168.183 72.163.128.140
ip domain lookup source-interface GigabitEthernet0/0/1
ip domain name cisco.com
ip domain name vrf Mgmt-intf cisco.com
!
!
!
!
!
!
!
!
!
!
!
login on-success log
!
!
!
!
!
ipv6 nd cache expire refresh
ipv6 unicast-routing
no ipv6 multicast vrf Mgmt-intf multipath
no ipv6 multicast vrf cust1 multipath
no ipv6 multicast vrf cust10 multipath
no ipv6 multicast vrf cust100 multipath
no ipv6 multicast vrf cust11 multipath
no ipv6 multicast vrf cust12 multipath
no ipv6 multicast vrf cust13 multipath
no ipv6 multicast vrf cust14 multipath
no ipv6 multicast vrf cust15 multipath
no ipv6 multicast vrf cust16 multipath
no ipv6 multicast vrf cust17 multipath
no ipv6 multicast vrf cust18 multipath
no ipv6 multicast vrf cust19 multipath
no ipv6 multicast vrf cust2 multipath
no ipv6 multicast vrf cust20 multipath
no ipv6 multicast vrf cust21 multipath
no ipv6 multicast vrf cust22 multipath
no ipv6 multicast vrf cust23 multipath
no ipv6 multicast vrf cust24 multipath
no ipv6 multicast vrf cust25 multipath
no ipv6 multicast vrf cust26 multipath
no ipv6 multicast vrf cust27 multipath
no ipv6 multicast vrf cust28 multipath
no ipv6 multicast vrf cust29 multipath
no ipv6 multicast vrf cust3 multipath
```

```
no ipv6 multicast vrf cust30 multipath
no ipv6 multicast vrf cust31 multipath
no ipv6 multicast vrf cust32 multipath
no ipv6 multicast vrf cust33 multipath
no ipv6 multicast vrf cust34 multipath
no ipv6 multicast vrf cust35 multipath
no ipv6 multicast vrf cust36 multipath
no ipv6 multicast vrf cust37 multipath
no ipv6 multicast vrf cust38 multipath
no ipv6 multicast vrf cust39 multipath
no ipv6 multicast vrf cust4 multipath
no ipv6 multicast vrf cust40 multipath
no ipv6 multicast vrf cust41 multipath
no ipv6 multicast vrf cust42 multipath
no ipv6 multicast vrf cust43 multipath
no ipv6 multicast vrf cust44 multipath
no ipv6 multicast vrf cust45 multipath
no ipv6 multicast vrf cust46 multipath
no ipv6 multicast vrf cust47 multipath
no ipv6 multicast vrf cust48 multipath
no ipv6 multicast vrf cust49 multipath
no ipv6 multicast vrf cust5 multipath
no ipv6 multicast vrf cust50 multipath
no ipv6 multicast vrf cust51 multipath
no ipv6 multicast vrf cust52 multipath
no ipv6 multicast vrf cust53 multipath
no ipv6 multicast vrf cust54 multipath
no ipv6 multicast vrf cust55 multipath
no ipv6 multicast vrf cust56 multipath
no ipv6 multicast vrf cust57 multipath
no ipv6 multicast vrf cust58 multipath
no ipv6 multicast vrf cust59 multipath
no ipv6 multicast vrf cust6 multipath
no ipv6 multicast vrf cust60 multipath
no ipv6 multicast vrf cust61 multipath
no ipv6 multicast vrf cust62 multipath
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no ipv6 multicast vrf cust65 multipath
no ipv6 multicast vrf cust66 multipath
no ipv6 multicast vrf cust67 multipath
no ipv6 multicast vrf cust68 multipath
no ipv6 multicast vrf cust69 multipath
no ipv6 multicast vrf cust7 multipath
no ipv6 multicast vrf cust70 multipath
no ipv6 multicast vrf cust71 multipath
no ipv6 multicast vrf cust72 multipath
no ipv6 multicast vrf cust73 multipath
no ipv6 multicast vrf cust74 multipath
no ipv6 multicast vrf cust75 multipath
no ipv6 multicast vrf cust76 multipath
no ipv6 multicast vrf cust77 multipath
no ipv6 multicast vrf cust78 multipath
no ipv6 multicast vrf cust79 multipath
no ipv6 multicast vrf cust8 multipath
no ipv6 multicast vrf cust80 multipath
no ipv6 multicast vrf cust81 multipath
no ipv6 multicast vrf cust82 multipath
no ipv6 multicast vrf cust83 multipath
no ipv6 multicast vrf cust84 multipath
no ipv6 multicast vrf cust85 multipath
no ipv6 multicast vrf cust86 multipath
no ipv6 multicast vrf cust87 multipath
no ipv6 multicast vrf cust88 multipath
```

```
no ipv6 multicast vrf cust89 multipath
no ipv6 multicast vrf cust9 multipath
no ipv6 multicast vrf cust90 multipath
no ipv6 multicast vrf cust91 multipath
no ipv6 multicast vrf cust92 multipath
no ipv6 multicast vrf cust93 multipath
no ipv6 multicast vrf cust94 multipath
no ipv6 multicast vrf cust95 multipath
no ipv6 multicast vrf cust96 multipath
no ipv6 multicast vrf cust97 multipath
no ipv6 multicast vrf cust98 multipath
no ipv6 multicast vrf cust99 multipath
!
!
subscriber service multiple-accept
subscriber templating
subscriber session auto-service-fail-ignore
!
!
!
!
!
!
!
flow record FNF-record
 match transport source-port
 match transport destination-port
 match routing vrf input
 match ipv4 tos
 match interface input
 match interface output
 match flow direction
 match flow sampler
 match flow cts source group-tag
 match flow cts destination group-tag
 match ipv4 protocol
 match ipv4 source address
 match ipv4 destination address
 match ipv4 version
 match application name account-on-resolution
 collect counter packets
 collect transport tcp flags
 collect routing next-hop address ipv4
 collect ipv4 dscp
 collect ipv4 ttl minimum
 collect ipv4 ttl maximum
 collect counter bytes
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
!
!
flow record FNF-record-IPv6
 match routing vrf input
 match ipv6 traffic-class
 match ipv6 protocol
 match ipv6 source address
 match ipv6 destination address
 match flow cts source group-tag
 match flow cts destination group-tag
 match transport source-port
 match transport destination-port
 match interface input
 match flow direction
 match flow sampler
```

```
 collect transport tcp flags
 collect interface output
 collect counter bytes
 collect counter packets
!
!
flow exporter EXPORTER-1
 destination 10.104.45.174
 dscp 48
 transport udp 2055
 template data timeout 60
!
!
flow monitor FNF-monitor
 exporter EXPORTER-1
 cache timeout active 60
 statistics packet size
 record FNF-record
!
!
flow monitor FNF-IPv6
 exporter EXPORTER-1
 cache timeout active 60
 cache timeout update 60
 statistics packet size
 record FNF-record-IPv6
!
avc sd-service
 segment cisco
 controller
  address 192.168.14.5
  source-interface GigabitEthernet0/0/2.1
 !
!
!
!
!
!
!
!
!
!
crypto pki trustpoint SLA-TrustPoint
 enrollment terminal
 revocation-check crl
 hash sha256
!
crypto pki trustpoint DNAC-CA
 enrollment mode ra
 enrollment terminal
 usage ssl-client
 revocation-check crl none
 hash sha256
!
crypto pki trustpoint TP-self-signed-961784987
 enrollment selfsigned
 subject-name cn=IOS-Self-Signed-Certificate-961784987
 revocation-check none
 rsakeypair TP-self-signed-961784987
 hash sha512
!
crypto pki trustpoint CA_SERVER
 enrollment url http://11.3.6.10:80
```

```
 serial-number
 subject-name cn=cisco1.cisco.com
 subject-alt-name cisco1.cisco.com
 revocation-check crl
 rsakeypair cisco3key 4096
 hash sha256
!
!
crypto pki certificate chain SLA-TrustPoint
 certificate ca 01
  3082031B 30820203 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  2F310E30 0C060355 040A1305 43697363 6F311D30 1B060355 04031314 4C696365
  6E73696E 6720526F 6F74202D 20444556 301E170D 31333034 32343231 35353433
  5A170D33 33303432 34323135 3534335A 302F310E 300C0603 55040A13 05436973
  636F311D 301B0603 55040313 144C6963 656E7369 6E672052 6F6F7420 2D204445
  56308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201 0A028201
  01009C56 7101D61E DF2EBCC3 BA7AE0DB B241B3B4 328A9B00 EB8A80D0 2AA86F5E
  F1AEBFDE B67BD6AD 7DAD7B43 F582753B FFCC1CA5 A7841A07 6934D3AF 99078EF6
  179196FA 4FB3F2ED 3942C756 BF1CA0A9 CC98A7A7 F9E43724 D9E61D47 89E9E792
  DD9F27B4 517C2BDE D0EB5B9A 787BA085 D9BBF003 F0563BE0 A4450C8F 127B5583
  3EBC1385 2D9BAD98 68D3AE07 5C27987C 6B814B99 0686B14A 5F61753C 813089E6
  AEC48C68 F6D45267 0E365F44 B4456E11 96DCB950 233C8ADB 9FEEBAF1 2B5F3BB6
  7CE521B5 F277EBF6 03B7B0A4 958C9C7D 5460C20B CF9CCFC7 14B80F58 B5268947
  6D081172 26916B41 FB07DF42 EB9B9408 EC346138 23FBD8C4 19909697 A30845F3
  01C50203 010001A3 42304030 0E060355 1D0F0101 FF040403 02010630 0F060355
  1D130101 FF040530 030101FF 301D0603 551D0E04 16041443 214521B5 FB217A1A
  4D1BB702 36E664CB EC8B6530 0D06092A 864886F7 0D01010B 05000382 01010085
  F1B1F2AE AE7D2F9C AB0351C3 29E3F1AE 982DF11F 5E3C90F6 00B3CDED 5A1491FB
  DF07E06C AA0F4325 9FB4C4AE 2080F675 8C3B7AC5 4EAAA03E C5B50A2F 670AFF87
  EDA6462F CFC43967 C024AB32 EE3CCDCF A04B9DAE 1BBABBDA C8DF5587 CF51CB1C
  005A282F 8B518A5A 8C6F9B3C AABA3446 32EF3A75 C2F45450 7A9BCFD3 0C8BE54A
  11872DE0 CF1200D0 D1018FD9 AC685968 167E421C 9BC394ED 9BC85463 83B28146
  07B2BDED DFC1605B 4D16007B 68723E25 55908512 4EEB0A70 B2A74C2A CB1EC882
  C3215B87 6FC74304 241E59D7 C7C02C6D BD3042F5 196E8133 7A4446A4 81216E70
  CF52CF22 50A7D23E FA9F6B07 FB0F6386 9DCC3BBC 65250693 38CF6BA6 CB8EFD
   quit
crypto pki certificate chain DNAC-CA
crypto pki certificate chain TP-self-signed-961784987
 certificate self-signed 1E
  3082032E 30820216 A0030201 0202011E 300D0609 2A864886 F70D0101 0D050030
  30312E30 2C060355 04030C25 494F532D 53656C66 2D536967 6E65642D 43657274
  69666963 6174652D 39363137 38343938 37301E17 0D323431 30303430 35313031
  365A170D 33343130 30343035 31303136 5A303031 2E302C06 03550403 0C25494F
  532D5365 6C662D53 69676E65 642D4365 72746966 69636174 652D3936 31373834
  39383730 82012230 0D06092A 864886F7 0D010101 05000382 010F0030 82010A02
  82010100 BBDAF955 64C7C33B 7BABE466 26F4C73D 8AC589BA 00F50E83 13F29893
  C6C5049C 2A117241 270FA312 D279B973 DA79FCA3 F5C2C91B F18252B6 586477CF
  15087F98 34B5ABA9 7FA60371 A2736E0A 6804F662 CC4123F1 672E4C1A 5DF7E08B
  77C51868 3507C287 1FE728E3 03F98F31 936C0A76 B8B7B06D 12BCE622 2DDB82BB
  BF1AFBC1 3A719D0E 62B72308 BC02930B 7898A63C 6C26F7F3 0CB24251 2531D54C
  FCBAF1E7 0D61AACC ECD8B5AD 87905138 1084E197 A178D237 B02B301F 85C45C32
  109E8AD4 882400CC 48C73739 04C70995 79990FCD 4D57768C 16A3B444 C1059B4C
  786A811B B7704B90 9FAAA42E 27A95A42 A206BE5E C7128697 36D4462E 1179473C
  C80A2299 02030100 01A35330 51301D06 03551D0E 04160414 9E01356C 803614DA
  E899CCA6 6F9980F2 EC92407F 301F0603 551D2304 18301680 149E0135 6C803614
  DAE899CC A66F9980 F2EC9240 7F300F06 03551D13 0101FF04 05300301 01FF300D
  06092A86 4886F70D 01010D05 00038201 010082CF 85DB592C D1869312 0AF76111
  4F9C07A3 6AB1F8A7 46B739C6 8E2B97C9 78AA7F4F D8758286 201D31D7 9434DCEC
  B522E46A 009C35D1 B8194004 09FC625C 2C0B4D96 1BB55635 226A3274 CB43A99B
  A684281B CBE47583 1C64C9F1 C12D5F6F 26FC59DC 3E76ECC4 08075BE3 7476D540
  D54366D2 C7CA97CE A7C251BF 2B8EF32F C76F514E 9DF123D8 2161AF6B CCDDD9AD
  82422060 3D1FBEC5 1C6EBC97 5FB1D4A2 87E93918 EAA12ACE 04932B8F 00C7EF59
  E7CCE83F EFCF506A 1B3DD197 EBAB2A2D 4D80AA82 B4094D28 E3714093 10F879DC
  8F36DB2B 575D96B4 38331168 273EC123 F21195B2 4E428332 D1A08E96 EAAE81BD
```

```
  4258D5A0 C26696E5 70A9846C 64C68B92 9552
   quit
crypto pki certificate chain CA_SERVER
 certificate 024A
  3082046D 30820355 A0030201 02020202 4A300D06 092A8648 86F70D01 010B0500
  30323111 300F0603 55040B13 084D4143 53454344 54311D30 1B060355 04031314
  4341312E 6D616373 65632E63 6973636F 2E636F6D 301E170D 32343130 33303036
  34343332 5A170D32 35313033 30303634 3433325A 30533119 30170603 55040313
  10636973 636F312E 63697363 6F2E636F 6D313630 12060355 0405130B 46444F32
  33323141 30314D30 2006092A 864886F7 0D010902 1613676D 375F6375 7269652E
  63697363 6F2E636F 6D308202 22300D06 092A8648 86F70D01 01010500 0382020F
  00308202 0A028202 0100A598 9935B72C 029FEC65 D557963D E87377B3 C6A6EA08
  8BA3B5BB D0B21A43 98ACF069 083C57AA 3E284F18 907A9F96 63C21900 81618C01
  374A876D 70076A72 56E9CFAE A81A6115 495DD156 9B6AAC39 FFA16AD3 EC5304A3
  D7580CB8 E61F7126 DEC2671D 4C62CF88 D212576F D9B4C865 BD3783B3 E2A7AD21
  69E8B248 3A4E8567 81A1B3AF E6901452 E4583832 C0ACCC08 EA51D64D B445D976
  71F1FDCF 25DF1916 CFEFA26E 4FA040EA F2E609C5 9CC6B663 58C9C47B 079A59C0
  383B4D3A AC2A4883 83D6F8D2 667C23B8 B182018C D9CBF76F DDDB9C24 CA6E61F9
  5E5916B8 7FFA0EF1 CB835E7A E9750941 7F73A95C F91031A3 96A3CD54 8FCFF77B
  2F1D5C94 D69B0167 29477A4D 9FFDF0DD D7521F30 42980DB3 94B164BF 30C61647
  D6726858 F80D1633 5A8EC969 05388CA6 3F539C05 4F1BC6CE 734FB959 1AA4DA0C
  70DEB573 D2E334F2 51196A60 D07912A6 57E31D95 08AEBBE7 E4586962 6155EC92
  8C4B7F24 34EDDFBF B360D1BE C7BEB4E6 A0B82D09 1C25589E 775CBE4B 47D05919
  5497FB3D 49FABE18 6A89ACF5 E9ABFB48 F8BFD5F9 3AE1C55F 8EDB77F6 B8D00020
  182B2493 9F3D51D0 B7E213CA 7D80F387 681E4016 C705FE9B 32315CCD 38A64525
  0D3C3101 3D169AF5 83C5AD31 44AB35A1 D21AE247 984AC495 9929CFF9 5EF99D20
  AD031732 D50819BC CF4769D6 63E4C94E 7C74A117 DFD2703B AE38FBE7 FCCA29AB
  24DC14CC FC00B2B9 30ED0203 010001A3 6C306A30 0B060355 1D0F0404 030205A0
  301B0603 551D1104 14301282 10636973 636F312E 63697363 6F2E636F 6D301F06
  03551D23 04183016 80144F17 A63A9E35 1FAD25A7 D2736B49 D4EDA07B 3BD6301D
  0603551D 0E041604 1412595F EDF8DA54 BE218328 1D80E0D9 075F8AA5 0A300D06
  092A8648 86F70D01 010B0500 03820101 00757854 77EE2D45 5CB27F51 7BF6F095
  9B986DF2 7D043D28 E3AD7B55 B5649E2B 42E9BE81 BCE403C1 5A4105D7 F715292B
  976AC9D1 DC8807AD 5FB50FFF CD4CEBFB 6FFCB7E4 D454AC00 6DD2881D 30071956
  9F9FD464 8B7FC988 298A92D2 F8C1DDA4 5924EC17 71C63E81 565E495A 5A765E20
  7E7F6E26 FE50809C 48F24269 F3A66D79 41D6E69F FC842D96 D21C3A66 9F8A8CBB
  B7C164DA C2A18D3D 32FE26F2 E85A1EA1 CC2918DB F616726B 436C41E5 EF17D48B
  987A677A 39F29036 08F8C381 CCF187DF 5D767BE5 76D41CCA A7E9311E 10D465DF
  838FF9A1 5F8A5D02 E8A67CA5 0FBD3508 F70BA9EB 755192A1 2ABFBF8E E5AF57B1
  0C64DBC8 9E3DD258 64B7D1A9 231FEC00 C5
   quit
 certificate ca 01
  30820342 3082022A A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32311130 0F060355 040B1308 4D414353 45434454 311D301B 06035504 03131443
  41312E6D 61637365 632E6369 73636F2E 636F6D30 1E170D32 33313032 31303634
  3733355A 170D3236 31303230 30363437 33355A30 32311130 0F060355 040B1308
  4D414353 45434454 311D301B 06035504 03131443 41312E6D 61637365 632E6369
  73636F2E 636F6D30 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 8D0A804C 5DDA17D4 D900E751 18B8A7DC A250DAD3 B81E78F2
  D6143A51 590E8D9B 12D3CD2C 2C5E0552 D541486C 3E314319 A0053048 38EC0C19
  66983A6A 3D8FF654 611C61BA F9616B1F C86CC2EE 6DB2DCA5 048009F5 38972032
  F4A29685 989008E5 90E6FA05 86630E47 D05A6FB8 0EF7A243 2CD69ECE 21921403
  5126012D ECB211A5 561F732E 5355478C 33B325CD 63E625B9 5216308D A3EB96D8
  953872EE 1ED1AC8F 9904AF9D 46ECBBBA B4AC90E2 3BFFC0EA 48BF1FB4 35F84396
  88013F3D 5F0DFEC4 C4818BBF 7A64BF7B 61181CA7 3B19260C 5CB81EBD B1323E3D
  C01CA69F 1BAF7A6E E56CD8AB 0F4A4B25 06D4E0F3 4E117481 C6087831 CA4090E8
  B191244E 4B815433 02030100 01A36330 61300F06 03551D13 0101FF04 05300301
  01FF300E 0603551D 0F0101FF 04040302 0186301F 0603551D 23041830 1680144F
  17A63A9E 351FAD25 A7D2736B 49D4EDA0 7B3BD630 1D060355 1D0E0416 04144F17
  A63A9E35 1FAD25A7 D2736B49 D4EDA07B 3BD6300D 06092A86 4886F70D 01010B05
  00038201 01000239 E2CE1270 9DD72ADE 5D853D95 175EEFB1 E7B825F6 4A221236
  C6532B0A 5529415F 29DD05F0 44F76DEA B8EE9463 F047091B 1F9371D5 D39FC812
  2C0CDCDD 1504A4FF 1B609AA7 BD9C905F 5A66837B E6710395 374E77FC 5BA526E3
  A3A94ADA 01A3CA0C 05FD646E 74A5E420 ADA63049 690E6F34 6633EE7D 42423C43
```

```
  0ADD84D8 5981A14B 4CF30804 E6DE5154 FDDB44AE 02FA1975 D91505D3 E3C33172
  4A72A830 3E24AC4C BA842CC7 D240642A 1A58A666 18BDAC9B 2947778F 7CEAA09E
  16245BC7 AAAB62AC D41F8367 03E9A0A2 39377AF4 A97072A6 2C2F0077 8AF1B608
  52F45246 9F9485BC 342DA05A 1085A764 BBA5AE5B 7C46332C 6492889E 32619BDF
  EFE649E3 D443
   quit
!
!
!
performance monitor context non-fabric profile app-visibility
 exporter destination local-controller source Null0
 exporter destination 10.104.45.174 source Null0
 traffic-monitor app-visibility-stats interval-timeout 300
!
!
!
!
!
!
!
!
diagnostic bootup level minimal
!
license udi pid C8300-1N1S-4T2X sn FDO2321A01M
license accept end user agreement
license boot level network-advantage
memory free low-watermark processor 332408
!
spanning-tree extend system-id
!
!
enable password 7 <removed>
!
username admin privilege 15 password 7 <removed>
!
redundancy
!
!
crypto engine compliance shield disable
!
crypto ikev2 proposal gikev2-proposal
 encryption aes-cbc-128
 integrity sha512
 group 19
!
crypto ikev2 policy gikev2-policy
 match fvrf any
 proposal gikev2-proposal
!
!
crypto ikev2 profile gikev2-profile
 match fvrf any
 match identity remote address 0.0.0.0
 authentication remote rsa-sig
 authentication local rsa-sig
 pki trustpoint CA_SERVER
 lifetime 600
!
crypto ikev2 profile default
 match fvrf any
 match identity remote any
 authentication remote rsa-sig
 authentication local rsa-sig
!
```

```
crypto ikev2 limit max-in-negotation-sa 1000
!
!
!
!
track 200 ip sla 20 reachability
!
track 201 ip sla 30 reachability
!
track 205 ip sla 50 reachability
!
class-map match-any be
 match precedence 0
class-map match-any data1
 match precedence 3
class-map match-any data2
 match precedence 2
class-map match-any voice
 match precedence 5
class-map match-any net
 match precedence 7
 match precedence 6
!
policy-map bw600-out-1
 class net
  bandwidth percent 4
 class voice
  priority percent 10
 class data1
  bandwidth percent 40
 class data2
  bandwidth percent 20
 class be
  bandwidth percent 25
policy-map limit-bw600-out-1-8004-905
 class class-default
  shape average 910800000 13662000 0
  service-policy bw600-out-1
policy-map QOS-00000-LIMIT_CUSTOMER_IN
 class data1
  police cir 900000000 conform-action transmit  exceed-action transmit
 class class-default
  police cir 900000000 conform-action transmit  exceed-action drop
!
!
!
crypto keyring cust1 vrf cust1
 pre-shared-key address 15.0.0.1 key cisco123 cisco123
 pre-shared-key address 15.0.0.2 key cisco123 cisco123
 pre-shared-key address 15.0.0.3 key cisco123 cisco123
 pre-shared-key address 15.0.0.4 key cisco123 cisco123
 pre-shared-key address 15.0.0.5 key cisco123 cisco123
 pre-shared-key address 15.0.0.6 key cisco123 cisco123
crypto keyring CUST1 vrf cust1
 pre-shared-key address 0.0.0.0 0.0.0.0 key cisco123 cisco123
crypto keyring CUST2 vrf cust2
 pre-shared-key address 0.0.0.0 0.0.0.0 key cisco123 cisco123
!
!
!
!
!
!
!
```

```
crypto isakmp policy 10
 encryption aes 256
 hash sha
 group 14
!
crypto isakmp policy 20
 encryption aes 256
 hash sha
 group 14
 lifetime 60
crypto isakmp key cisco123 address 0.0.0.0
crypto isakmp identity dn
crypto isakmp profile CUST1
   vrf cust1
   keyring CUST1
   self-identity address
   match identity address 0.0.0.0 cust1
crypto isakmp profile CUST2
   vrf cust2
   keyring CUST2
   self-identity address
   match identity address 70.1.2.2 255.255.255.255 cust2
!
!
crypto ipsec transform-set AES_SHA1 esp-aes esp-sha-hmac
 mode tunnel
!
!
crypto gkm group bw600
 identity number 600
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.4
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.2
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gkm group bw6000_gike
 identity number 1000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gkm group ipv6 bw600-IPV6_gike
 identity number 1100
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw6000
 identity number 6000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.3
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw600-IPV6
 identity number 6600
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.3
```

```
 client fail-close revert
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw-suiteB
 identity number 2001
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw-gikev2
 identity number 3001
 server address ipv4 15.0.0.3
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw-suiteB-v6
 identity number 2002
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw6000_eft
 identity number 1122
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw600-IPV6_eft
 ! Incomplete GDOI Group Configuration
 ! No Group Identity Configured
 ! No server type configured
!
!
crypto map CM isakmp-profile CUST1
!
crypto map CM2 isakmp-profile CUST2
!
crypto map bw-gikev2-map 10 gdoi
 set group bw-gikev2
!
crypto map ipv6 bw-suiteB-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 bw-suiteB-IPV6-map gdoi fail-close
 match address fc_revert_ipv6
 activate
crypto map ipv6 bw-suiteB-IPV6-map 10 gdoi
 set group bw-suiteB-v6
!
crypto map bw-suiteB-map 10 gdoi
 set group bw-suiteB
!
crypto map ipv6 getvpn-bw600-IPV6 gdoi fail-close
 match address fc_revert_ipv6
 activate
crypto map ipv6 getvpn-bw600-IPV6 10 gdoi
 set group bw600-IPV6
```

```
!
crypto map ipv6 getvpn-bw600-IPV6_gike 10 gdoi
 set group bw600-IPV6_gike
!
crypto map getvpn-bw6000 gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map getvpn-bw6000 10 gdoi
 set group bw6000
!
crypto map getvpn-bw6000_gike 10 gdoi
 set group bw6000_gike
!
crypto map gikev2 10 gdoi
 set group bw600
!
crypto map suiteB-map gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map suiteB-map 10 gdoi
 set group bw-suiteB
!
!
buffers huge size 65535
!
!
!
!
!
!
interface Loopback6001
 ip address <removed>
!
interface Loopback6002
 ip address <removed>
!
interface Loopback6003
 ip address <removed>
!
interface Loopback6004
 ip address <removed>
!
interface Loopback6005
 ip address <removed>
!
interface GigabitEthernet0/0/0
 no ip address
 load-interval 30
 negotiation auto
!
interface GigabitEthernet0/0/0.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip pim sparse-mode
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
```

```
!
interface GigabitEthernet0/0/0.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
```

```
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 performance monitor context non-fabric
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/0.11
```

```
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.19
 encapsulation dot1Q 20
```

```
 vrf forwarding cust19
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.27
 encapsulation dot1Q 28
```

```
 vrf forwarding cust27
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.35
 encapsulation dot1Q 36
```

```
 vrf forwarding cust35
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.43
 encapsulation dot1Q 44
```

```
 vrf forwarding cust43
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.51
 encapsulation dot1Q 52
```

```
 vrf forwarding cust51
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.59
 encapsulation dot1Q 60
```

```
 vrf forwarding cust59
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.67
 encapsulation dot1Q 68
```

```
 vrf forwarding cust67
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.75
 encapsulation dot1Q 76
```

```
 vrf forwarding cust75
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.83
 encapsulation dot1Q 84
```

```
 vrf forwarding cust83
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.91
 encapsulation dot1Q 92
```

```
 vrf forwarding cust91
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.99
 encapsulation dot1Q 100
```

```
 vrf forwarding cust99
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1
 ip address <removed>
 ip nbar protocol-discovery
 ip ospf 1 area 1
 negotiation auto
!
interface GigabitEthernet0/0/1.1
 ip mtu 1498
!
interface GigabitEthernet0/0/1.2
!
interface GigabitEthernet0/0/1.3
!
interface GigabitEthernet0/0/1.4
!
interface GigabitEthernet0/0/1.5
!
interface GigabitEthernet0/0/1.6
!
interface GigabitEthernet0/0/1.7
!
interface GigabitEthernet0/0/1.8
!
interface GigabitEthernet0/0/1.9
!
interface GigabitEthernet0/0/1.10
!
interface GigabitEthernet0/0/2
 no ip address
 load-interval 30
 negotiation auto
!
interface GigabitEthernet0/0/2.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
 ip mtu 1498
 ip pim sparse-mode
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 ipv6 crypto map getvpn-bw600-IPV6
 crypto map getvpn-bw6000
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.2
 encapsulation dot1Q 3
```

```
 vrf forwarding cust2
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.7
```

```
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip address <removed>
 ip mtu 1492
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/2.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/2.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 shutdown
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/3
 ip address <removed>
 ip nat outside
 negotiation auto
!
interface TenGigabitEthernet0/0/4
 ip address <removed>
 ip nat inside
 negotiation auto
!
interface TenGigabitEthernet0/0/5
 vrf forwarding cust11
 ip address <removed>
 negotiation auto
!
router ospf 1
 router-id 19.19.1.2
 summary-address 177.123.0.0 255.255.0.0
 redistribute bgp 65041
!
router bgp 65041
 bgp router-id 139.1.1.2
 bgp log-neighbor-changes
 network 177.123.1.0 mask 255.255.255.0
 network 177.123.2.0 mask 255.255.255.0
 network 177.123.3.0 mask 255.255.255.0
 network 177.123.4.0 mask 255.255.255.0
 network 177.123.5.0 mask 255.255.255.0
 redistribute connected
 !
 address-family ipv4 vrf cust1
  redistribute connected
  neighbor 139.1.1.1 remote-as 65000
  neighbor 139.1.1.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust1
  redistribute connected
  neighbor 1390:1::1 remote-as 65000
  neighbor 1390:1::1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust10
  redistribute connected
  neighbor 139.1.10.1 remote-as 65000
  neighbor 139.1.10.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust10
  redistribute connected
  neighbor 1390:1::9:1 remote-as 65000
  neighbor 1390:1::9:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust100
  redistribute connected
  neighbor 139.1.100.1 remote-as 65000
  neighbor 139.1.100.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust100
```

```
 redistribute connected
 neighbor 1390:1::63:1 remote-as 65000
 neighbor 1390:1::63:1 activate
exit-address-family
!
address-family ipv4 vrf cust11
 redistribute connected
 neighbor 139.1.11.1 remote-as 65000
 neighbor 139.1.11.1 activate
exit-address-family
!
address-family ipv6 vrf cust11
 redistribute connected
 neighbor 1390:1::A:1 remote-as 65000
 neighbor 1390:1::A:1 activate
exit-address-family
!
address-family ipv4 vrf cust12
 redistribute connected
 neighbor 139.1.12.1 remote-as 65000
 neighbor 139.1.12.1 activate
exit-address-family
!
address-family ipv6 vrf cust12
 redistribute connected
 neighbor 1390:1::B:1 remote-as 65000
 neighbor 1390:1::B:1 activate
exit-address-family
!
address-family ipv4 vrf cust13
 redistribute connected
 neighbor 139.1.13.1 remote-as 65000
 neighbor 139.1.13.1 activate
exit-address-family
!
address-family ipv6 vrf cust13
 redistribute connected
 neighbor 1390:1::C:1 remote-as 65000
 neighbor 1390:1::C:1 activate
exit-address-family
!
address-family ipv4 vrf cust14
 redistribute connected
 neighbor 139.1.14.1 remote-as 65000
 neighbor 139.1.14.1 activate
exit-address-family
!
address-family ipv6 vrf cust14
 redistribute connected
 neighbor 1390:1::D:1 remote-as 65000
 neighbor 1390:1::D:1 activate
exit-address-family
!
address-family ipv4 vrf cust15
 redistribute connected
 neighbor 139.1.15.1 remote-as 65000
 neighbor 139.1.15.1 activate
exit-address-family
!
address-family ipv6 vrf cust15
 redistribute connected
 neighbor 1390:1::E:1 remote-as 65000
 neighbor 1390:1::E:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust16
 redistribute connected
 neighbor 139.1.16.1 remote-as 65000
 neighbor 139.1.16.1 activate
exit-address-family
!
address-family ipv6 vrf cust16
 redistribute connected
 neighbor 1390:1::F:1 remote-as 65000
 neighbor 1390:1::F:1 activate
exit-address-family
!
address-family ipv4 vrf cust17
 redistribute connected
 neighbor 139.1.17.1 remote-as 65000
 neighbor 139.1.17.1 activate
exit-address-family
!
address-family ipv6 vrf cust17
 redistribute connected
 neighbor 1390:1::10:1 remote-as 65000
 neighbor 1390:1::10:1 activate
exit-address-family
!
address-family ipv4 vrf cust18
 redistribute connected
 neighbor 139.1.18.1 remote-as 65000
 neighbor 139.1.18.1 activate
exit-address-family
!
address-family ipv6 vrf cust18
 redistribute connected
 neighbor 1390:1::11:1 remote-as 65000
 neighbor 1390:1::11:1 activate
exit-address-family
!
address-family ipv4 vrf cust19
 redistribute connected
 neighbor 139.1.19.1 remote-as 65000
 neighbor 139.1.19.1 activate
exit-address-family
!
address-family ipv6 vrf cust19
 redistribute connected
 neighbor 1390:1::12:1 remote-as 65000
 neighbor 1390:1::12:1 activate
exit-address-family
!
address-family ipv4 vrf cust2
 redistribute connected
 neighbor 139.1.2.1 remote-as 65000
 neighbor 139.1.2.1 activate
exit-address-family
!
address-family ipv6 vrf cust2
 redistribute connected
 neighbor 1390:1::1:1 remote-as 65000
 neighbor 1390:1::1:1 activate
exit-address-family
!
address-family ipv4 vrf cust20
 redistribute connected
 neighbor 139.1.20.1 remote-as 65000
```

```
 neighbor 139.1.20.1 activate
exit-address-family
!
address-family ipv6 vrf cust20
 redistribute connected
 neighbor 1390:1::13:1 remote-as 65000
 neighbor 1390:1::13:1 activate
exit-address-family
!
address-family ipv4 vrf cust21
 redistribute connected
 neighbor 139.1.21.1 remote-as 65000
 neighbor 139.1.21.1 activate
exit-address-family
!
address-family ipv6 vrf cust21
 redistribute connected
 neighbor 1390:1::14:1 remote-as 65000
 neighbor 1390:1::14:1 activate
exit-address-family
!
address-family ipv4 vrf cust22
 redistribute connected
 neighbor 139.1.22.1 remote-as 65000
 neighbor 139.1.22.1 activate
exit-address-family
!
address-family ipv6 vrf cust22
 redistribute connected
 neighbor 1390:1::15:1 remote-as 65000
 neighbor 1390:1::15:1 activate
exit-address-family
!
address-family ipv4 vrf cust23
 redistribute connected
 neighbor 139.1.23.1 remote-as 65000
 neighbor 139.1.23.1 activate
exit-address-family
!
address-family ipv6 vrf cust23
 redistribute connected
 neighbor 1390:1::16:1 remote-as 65000
 neighbor 1390:1::16:1 activate
exit-address-family
!
address-family ipv4 vrf cust24
 redistribute connected
 neighbor 139.1.24.1 remote-as 65000
 neighbor 139.1.24.1 activate
exit-address-family
!
address-family ipv6 vrf cust24
 redistribute connected
 neighbor 1390:1::17:1 remote-as 65000
 neighbor 1390:1::17:1 activate
exit-address-family
!
address-family ipv4 vrf cust25
 redistribute connected
 neighbor 139.1.25.1 remote-as 65000
 neighbor 139.1.25.1 activate
exit-address-family
!
address-family ipv6 vrf cust25
```

```
 redistribute connected
 neighbor 1390:1::18:1 remote-as 65000
 neighbor 1390:1::18:1 activate
exit-address-family
!
address-family ipv4 vrf cust26
 redistribute connected
 neighbor 139.1.26.1 remote-as 65000
 neighbor 139.1.26.1 activate
exit-address-family
!
address-family ipv6 vrf cust26
 redistribute connected
 neighbor 1390:1::19:1 remote-as 65000
 neighbor 1390:1::19:1 activate
exit-address-family
!
address-family ipv4 vrf cust27
 redistribute connected
 neighbor 139.1.27.1 remote-as 65000
 neighbor 139.1.27.1 activate
exit-address-family
!
address-family ipv6 vrf cust27
 redistribute connected
 neighbor 1390:1::1A:1 remote-as 65000
 neighbor 1390:1::1A:1 activate
exit-address-family
!
address-family ipv4 vrf cust28
 redistribute connected
 neighbor 139.1.28.1 remote-as 65000
 neighbor 139.1.28.1 activate
exit-address-family
!
address-family ipv6 vrf cust28
 redistribute connected
 neighbor 1390:1::1B:1 remote-as 65000
 neighbor 1390:1::1B:1 activate
exit-address-family
!
address-family ipv4 vrf cust29
 redistribute connected
 neighbor 139.1.29.1 remote-as 65000
 neighbor 139.1.29.1 activate
exit-address-family
!
address-family ipv6 vrf cust29
 redistribute connected
 neighbor 1390:1::1C:1 remote-as 65000
 neighbor 1390:1::1C:1 activate
exit-address-family
!
address-family ipv4 vrf cust3
 redistribute connected
 neighbor 139.1.3.1 remote-as 65000
 neighbor 139.1.3.1 activate
exit-address-family
!
address-family ipv6 vrf cust3
 redistribute connected
 neighbor 1390:1::2:1 remote-as 65000
 neighbor 1390:1::2:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust30
 redistribute connected
 neighbor 139.1.30.1 remote-as 65000
 neighbor 139.1.30.1 activate
exit-address-family
!
address-family ipv6 vrf cust30
 redistribute connected
 neighbor 1390:1::1D:1 remote-as 65000
 neighbor 1390:1::1D:1 activate
exit-address-family
!
address-family ipv4 vrf cust31
 redistribute connected
 neighbor 139.1.31.1 remote-as 65000
 neighbor 139.1.31.1 activate
exit-address-family
!
address-family ipv6 vrf cust31
 redistribute connected
 neighbor 1390:1::1E:1 remote-as 65000
 neighbor 1390:1::1E:1 activate
exit-address-family
!
address-family ipv4 vrf cust32
 redistribute connected
 neighbor 139.1.32.1 remote-as 65000
 neighbor 139.1.32.1 activate
exit-address-family
!
address-family ipv6 vrf cust32
 redistribute connected
 neighbor 1390:1::1F:1 remote-as 65000
 neighbor 1390:1::1F:1 activate
exit-address-family
!
address-family ipv4 vrf cust33
 redistribute connected
 neighbor 139.1.33.1 remote-as 65000
 neighbor 139.1.33.1 activate
exit-address-family
!
address-family ipv6 vrf cust33
 redistribute connected
 neighbor 1390:1::20:1 remote-as 65000
 neighbor 1390:1::20:1 activate
exit-address-family
!
address-family ipv4 vrf cust34
 redistribute connected
 neighbor 139.1.34.1 remote-as 65000
 neighbor 139.1.34.1 activate
exit-address-family
!
address-family ipv6 vrf cust34
 redistribute connected
 neighbor 1390:1::21:1 remote-as 65000
 neighbor 1390:1::21:1 activate
exit-address-family
!
address-family ipv4 vrf cust35
 redistribute connected
 neighbor 139.1.35.1 remote-as 65000
```

```
 neighbor 139.1.35.1 activate
exit-address-family
!
address-family ipv6 vrf cust35
 redistribute connected
 neighbor 1390:1::22:1 remote-as 65000
 neighbor 1390:1::22:1 activate
exit-address-family
!
address-family ipv4 vrf cust36
 redistribute connected
 neighbor 139.1.36.1 remote-as 65000
 neighbor 139.1.36.1 activate
exit-address-family
!
address-family ipv6 vrf cust36
 redistribute connected
 neighbor 1390:1::23:1 remote-as 65000
 neighbor 1390:1::23:1 activate
exit-address-family
!
address-family ipv4 vrf cust37
 redistribute connected
 neighbor 139.1.37.1 remote-as 65000
 neighbor 139.1.37.1 activate
exit-address-family
!
address-family ipv6 vrf cust37
 redistribute connected
 neighbor 1390:1::24:1 remote-as 65000
 neighbor 1390:1::24:1 activate
exit-address-family
!
address-family ipv4 vrf cust38
 redistribute connected
 neighbor 139.1.38.1 remote-as 65000
 neighbor 139.1.38.1 activate
exit-address-family
!
address-family ipv6 vrf cust38
 redistribute connected
 neighbor 1390:1::25:1 remote-as 65000
 neighbor 1390:1::25:1 activate
exit-address-family
!
address-family ipv4 vrf cust39
 redistribute connected
 neighbor 139.1.39.1 remote-as 65000
 neighbor 139.1.39.1 activate
exit-address-family
!
address-family ipv6 vrf cust39
 redistribute connected
 neighbor 1390:1::26:1 remote-as 65000
 neighbor 1390:1::26:1 activate
exit-address-family
!
address-family ipv4 vrf cust4
 redistribute connected
 neighbor 139.1.4.1 remote-as 65000
 neighbor 139.1.4.1 activate
exit-address-family
!
address-family ipv6 vrf cust4
```

```
 redistribute connected
 neighbor 1390:1::3:1 remote-as 65000
 neighbor 1390:1::3:1 activate
exit-address-family
!
address-family ipv4 vrf cust40
 redistribute connected
 neighbor 139.1.40.1 remote-as 65000
 neighbor 139.1.40.1 activate
exit-address-family
!
address-family ipv6 vrf cust40
 redistribute connected
 neighbor 1390:1::27:1 remote-as 65000
 neighbor 1390:1::27:1 activate
exit-address-family
!
address-family ipv4 vrf cust41
 redistribute connected
 neighbor 139.1.41.1 remote-as 65000
 neighbor 139.1.41.1 activate
exit-address-family
!
address-family ipv6 vrf cust41
 redistribute connected
 neighbor 1390:1::28:1 remote-as 65000
 neighbor 1390:1::28:1 activate
exit-address-family
!
address-family ipv4 vrf cust42
 redistribute connected
 neighbor 139.1.42.1 remote-as 65000
 neighbor 139.1.42.1 activate
exit-address-family
!
address-family ipv6 vrf cust42
 redistribute connected
 neighbor 1390:1::29:1 remote-as 65000
 neighbor 1390:1::29:1 activate
exit-address-family
!
address-family ipv4 vrf cust43
 redistribute connected
 neighbor 139.1.43.1 remote-as 65000
 neighbor 139.1.43.1 activate
exit-address-family
!
address-family ipv6 vrf cust43
 redistribute connected
 neighbor 1390:1::2A:1 remote-as 65000
 neighbor 1390:1::2A:1 activate
exit-address-family
!
address-family ipv4 vrf cust44
 redistribute connected
 neighbor 139.1.44.1 remote-as 65000
 neighbor 139.1.44.1 activate
exit-address-family
!
address-family ipv6 vrf cust44
 redistribute connected
 neighbor 1390:1::2B:1 remote-as 65000
 neighbor 1390:1::2B:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust45
 redistribute connected
 neighbor 139.1.45.1 remote-as 65000
 neighbor 139.1.45.1 activate
exit-address-family
!
address-family ipv6 vrf cust45
 redistribute connected
 neighbor 1390:1::2C:1 remote-as 65000
 neighbor 1390:1::2C:1 activate
exit-address-family
!
address-family ipv4 vrf cust46
 redistribute connected
 neighbor 139.1.46.1 remote-as 65000
 neighbor 139.1.46.1 activate
exit-address-family
!
address-family ipv6 vrf cust46
 redistribute connected
 neighbor 1390:1::2D:1 remote-as 65000
 neighbor 1390:1::2D:1 activate
exit-address-family
!
address-family ipv4 vrf cust47
 redistribute connected
 neighbor 139.1.47.1 remote-as 65000
 neighbor 139.1.47.1 activate
exit-address-family
!
address-family ipv6 vrf cust47
 redistribute connected
 neighbor 1390:1::2E:1 remote-as 65000
 neighbor 1390:1::2E:1 activate
exit-address-family
!
address-family ipv4 vrf cust48
 redistribute connected
 neighbor 139.1.48.1 remote-as 65000
 neighbor 139.1.48.1 activate
exit-address-family
!
address-family ipv6 vrf cust48
 redistribute connected
 neighbor 1390:1::2F:1 remote-as 65000
 neighbor 1390:1::2F:1 activate
exit-address-family
!
address-family ipv4 vrf cust49
 redistribute connected
 neighbor 139.1.49.1 remote-as 65000
 neighbor 139.1.49.1 activate
exit-address-family
!
address-family ipv6 vrf cust49
 redistribute connected
 neighbor 1390:1::30:1 remote-as 65000
 neighbor 1390:1::30:1 activate
exit-address-family
!
address-family ipv4 vrf cust5
 redistribute connected
 neighbor 139.1.5.1 remote-as 65000
```

```
 neighbor 139.1.5.1 activate
exit-address-family
!
address-family ipv6 vrf cust5
 redistribute connected
 neighbor 1390:1::4:1 remote-as 65000
 neighbor 1390:1::4:1 activate
exit-address-family
!
address-family ipv4 vrf cust50
 redistribute connected
 neighbor 139.1.50.1 remote-as 65000
 neighbor 139.1.50.1 activate
exit-address-family
!
address-family ipv6 vrf cust50
 redistribute connected
 neighbor 1390:1::31:1 remote-as 65000
 neighbor 1390:1::31:1 activate
exit-address-family
!
address-family ipv4 vrf cust51
 redistribute connected
 neighbor 139.1.51.1 remote-as 65000
 neighbor 139.1.51.1 activate
exit-address-family
!
address-family ipv6 vrf cust51
 redistribute connected
 neighbor 1390:1::32:1 remote-as 65000
 neighbor 1390:1::32:1 activate
exit-address-family
!
address-family ipv4 vrf cust52
 redistribute connected
 neighbor 139.1.52.1 remote-as 65000
 neighbor 139.1.52.1 activate
exit-address-family
!
address-family ipv6 vrf cust52
 redistribute connected
 neighbor 1390:1::33:1 remote-as 65000
 neighbor 1390:1::33:1 activate
exit-address-family
!
address-family ipv4 vrf cust53
 redistribute connected
 neighbor 139.1.53.1 remote-as 65000
 neighbor 139.1.53.1 activate
exit-address-family
!
address-family ipv6 vrf cust53
 redistribute connected
 neighbor 1390:1::34:1 remote-as 65000
 neighbor 1390:1::34:1 activate
exit-address-family
!
address-family ipv4 vrf cust54
 redistribute connected
 neighbor 139.1.54.1 remote-as 65000
 neighbor 139.1.54.1 activate
exit-address-family
!
address-family ipv6 vrf cust54
```

```
 redistribute connected
 neighbor 1390:1::35:1 remote-as 65000
 neighbor 1390:1::35:1 activate
exit-address-family
!
address-family ipv4 vrf cust55
 redistribute connected
 neighbor 139.1.55.1 remote-as 65000
 neighbor 139.1.55.1 activate
exit-address-family
!
address-family ipv6 vrf cust55
 redistribute connected
 neighbor 1390:1::36:1 remote-as 65000
 neighbor 1390:1::36:1 activate
exit-address-family
!
address-family ipv4 vrf cust56
 redistribute connected
 neighbor 139.1.56.1 remote-as 65000
 neighbor 139.1.56.1 activate
exit-address-family
!
address-family ipv6 vrf cust56
 redistribute connected
 neighbor 1390:1::37:1 remote-as 65000
 neighbor 1390:1::37:1 activate
exit-address-family
!
address-family ipv4 vrf cust57
 redistribute connected
 neighbor 139.1.57.1 remote-as 65000
 neighbor 139.1.57.1 activate
exit-address-family
!
address-family ipv6 vrf cust57
 redistribute connected
 neighbor 1390:1::38:1 remote-as 65000
 neighbor 1390:1::38:1 activate
exit-address-family
!
address-family ipv4 vrf cust58
 redistribute connected
 neighbor 139.1.58.1 remote-as 65000
 neighbor 139.1.58.1 activate
exit-address-family
!
address-family ipv6 vrf cust58
 redistribute connected
 neighbor 1390:1::39:1 remote-as 65000
 neighbor 1390:1::39:1 activate
exit-address-family
!
address-family ipv4 vrf cust59
 redistribute connected
 neighbor 139.1.59.1 remote-as 65000
 neighbor 139.1.59.1 activate
exit-address-family
!
address-family ipv6 vrf cust59
 redistribute connected
 neighbor 1390:1::3A:1 remote-as 65000
 neighbor 1390:1::3A:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust6
 redistribute connected
 neighbor 139.1.6.1 remote-as 65000
 neighbor 139.1.6.1 activate
exit-address-family
!
address-family ipv6 vrf cust6
 redistribute connected
 neighbor 1390:1::5:1 remote-as 65000
 neighbor 1390:1::5:1 activate
exit-address-family
!
address-family ipv4 vrf cust60
 redistribute connected
 neighbor 139.1.60.1 remote-as 65000
 neighbor 139.1.60.1 activate
exit-address-family
!
address-family ipv6 vrf cust60
 redistribute connected
 neighbor 1390:1::3B:1 remote-as 65000
 neighbor 1390:1::3B:1 activate
exit-address-family
!
address-family ipv4 vrf cust61
 redistribute connected
 neighbor 139.1.61.1 remote-as 65000
 neighbor 139.1.61.1 activate
exit-address-family
!
address-family ipv6 vrf cust61
 redistribute connected
 neighbor 1390:1::3C:1 remote-as 65000
 neighbor 1390:1::3C:1 activate
exit-address-family
!
address-family ipv4 vrf cust62
 redistribute connected
 neighbor 139.1.62.1 remote-as 65000
 neighbor 139.1.62.1 activate
exit-address-family
!
address-family ipv6 vrf cust62
 redistribute connected
 neighbor 1390:1::3D:1 remote-as 65000
 neighbor 1390:1::3D:1 activate
exit-address-family
!
address-family ipv4 vrf cust63
 redistribute connected
 neighbor 139.1.63.1 remote-as 65000
 neighbor 139.1.63.1 activate
exit-address-family
!
address-family ipv6 vrf cust63
 redistribute connected
 neighbor 1390:1::3E:1 remote-as 65000
 neighbor 1390:1::3E:1 activate
exit-address-family
!
address-family ipv4 vrf cust64
 redistribute connected
 neighbor 139.1.64.1 remote-as 65000
```

```
 neighbor 139.1.64.1 activate
exit-address-family
!
address-family ipv6 vrf cust64
 redistribute connected
 neighbor 1390:1::3F:1 remote-as 65000
 neighbor 1390:1::3F:1 activate
exit-address-family
!
address-family ipv4 vrf cust65
 redistribute connected
 neighbor 139.1.65.1 remote-as 65000
 neighbor 139.1.65.1 activate
exit-address-family
!
address-family ipv6 vrf cust65
 redistribute connected
 neighbor 1390:1::40:1 remote-as 65000
 neighbor 1390:1::40:1 activate
exit-address-family
!
address-family ipv4 vrf cust66
 redistribute connected
 neighbor 139.1.66.1 remote-as 65000
 neighbor 139.1.66.1 activate
exit-address-family
!
address-family ipv6 vrf cust66
 redistribute connected
 neighbor 1390:1::41:1 remote-as 65000
 neighbor 1390:1::41:1 activate
exit-address-family
!
address-family ipv4 vrf cust67
 redistribute connected
 neighbor 139.1.67.1 remote-as 65000
 neighbor 139.1.67.1 activate
exit-address-family
!
address-family ipv6 vrf cust67
 redistribute connected
 neighbor 1390:1::42:1 remote-as 65000
 neighbor 1390:1::42:1 activate
exit-address-family
!
address-family ipv4 vrf cust68
 redistribute connected
 neighbor 139.1.68.1 remote-as 65000
 neighbor 139.1.68.1 activate
exit-address-family
!
address-family ipv6 vrf cust68
 redistribute connected
 neighbor 1390:1::43:1 remote-as 65000
 neighbor 1390:1::43:1 activate
exit-address-family
!
address-family ipv4 vrf cust69
 redistribute connected
 neighbor 139.1.69.1 remote-as 65000
 neighbor 139.1.69.1 activate
exit-address-family
!
address-family ipv6 vrf cust69
```

```
 redistribute connected
 neighbor 1390:1::44:1 remote-as 65000
 neighbor 1390:1::44:1 activate
exit-address-family
!
address-family ipv4 vrf cust7
 redistribute connected
 neighbor 139.1.7.1 remote-as 65000
 neighbor 139.1.7.1 activate
exit-address-family
!
address-family ipv6 vrf cust7
 redistribute connected
 neighbor 1390:1::6:1 remote-as 65000
 neighbor 1390:1::6:1 activate
exit-address-family
!
address-family ipv4 vrf cust70
 redistribute connected
 neighbor 139.1.70.1 remote-as 65000
 neighbor 139.1.70.1 activate
exit-address-family
!
address-family ipv6 vrf cust70
 redistribute connected
 neighbor 1390:1::45:1 remote-as 65000
 neighbor 1390:1::45:1 activate
exit-address-family
!
address-family ipv4 vrf cust71
 redistribute connected
 neighbor 139.1.71.1 remote-as 65000
 neighbor 139.1.71.1 activate
exit-address-family
!
address-family ipv6 vrf cust71
 redistribute connected
 neighbor 1390:1::46:1 remote-as 65000
 neighbor 1390:1::46:1 activate
exit-address-family
!
address-family ipv4 vrf cust72
 redistribute connected
 neighbor 139.1.72.1 remote-as 65000
 neighbor 139.1.72.1 activate
exit-address-family
!
address-family ipv6 vrf cust72
 redistribute connected
 neighbor 1390:1::47:1 remote-as 65000
 neighbor 1390:1::47:1 activate
exit-address-family
!
address-family ipv4 vrf cust73
 redistribute connected
 neighbor 139.1.73.1 remote-as 65000
 neighbor 139.1.73.1 activate
exit-address-family
!
address-family ipv6 vrf cust73
 redistribute connected
 neighbor 1390:1::48:1 remote-as 65000
 neighbor 1390:1::48:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust74
 redistribute connected
 neighbor 139.1.74.1 remote-as 65000
 neighbor 139.1.74.1 activate
exit-address-family
!
address-family ipv6 vrf cust74
 redistribute connected
 neighbor 1390:1::49:1 remote-as 65000
 neighbor 1390:1::49:1 activate
exit-address-family
!
address-family ipv4 vrf cust75
 redistribute connected
 neighbor 139.1.75.1 remote-as 65000
 neighbor 139.1.75.1 activate
exit-address-family
!
address-family ipv6 vrf cust75
 redistribute connected
 neighbor 1390:1::4A:1 remote-as 65000
 neighbor 1390:1::4A:1 activate
exit-address-family
!
address-family ipv4 vrf cust76
 redistribute connected
 neighbor 139.1.76.1 remote-as 65000
 neighbor 139.1.76.1 activate
exit-address-family
!
address-family ipv6 vrf cust76
 redistribute connected
 neighbor 1390:1::4B:1 remote-as 65000
 neighbor 1390:1::4B:1 activate
exit-address-family
!
address-family ipv4 vrf cust77
 redistribute connected
 neighbor 139.1.77.1 remote-as 65000
 neighbor 139.1.77.1 activate
exit-address-family
!
address-family ipv6 vrf cust77
 redistribute connected
 neighbor 1390:1::4C:1 remote-as 65000
 neighbor 1390:1::4C:1 activate
exit-address-family
!
address-family ipv4 vrf cust78
 redistribute connected
 neighbor 139.1.78.1 remote-as 65000
 neighbor 139.1.78.1 activate
exit-address-family
!
address-family ipv6 vrf cust78
 redistribute connected
 neighbor 1390:1::4D:1 remote-as 65000
 neighbor 1390:1::4D:1 activate
exit-address-family
!
address-family ipv4 vrf cust79
 redistribute connected
 neighbor 139.1.79.1 remote-as 65000
```

```
 neighbor 139.1.79.1 activate
exit-address-family
!
address-family ipv6 vrf cust79
 redistribute connected
 neighbor 1390:1::4E:1 remote-as 65000
 neighbor 1390:1::4E:1 activate
exit-address-family
!
address-family ipv4 vrf cust8
 redistribute connected
 neighbor 139.1.8.1 remote-as 65000
 neighbor 139.1.8.1 activate
exit-address-family
!
address-family ipv6 vrf cust8
 redistribute connected
 neighbor 1390:1::7:1 remote-as 65000
 neighbor 1390:1::7:1 activate
exit-address-family
!
address-family ipv4 vrf cust80
 redistribute connected
 neighbor 139.1.80.1 remote-as 65000
 neighbor 139.1.80.1 activate
exit-address-family
!
address-family ipv6 vrf cust80
 redistribute connected
 neighbor 1390:1::4F:1 remote-as 65000
 neighbor 1390:1::4F:1 activate
exit-address-family
!
address-family ipv4 vrf cust81
 redistribute connected
 neighbor 139.1.81.1 remote-as 65000
 neighbor 139.1.81.1 activate
exit-address-family
!
address-family ipv6 vrf cust81
 redistribute connected
 neighbor 1390:1::50:1 remote-as 65000
 neighbor 1390:1::50:1 activate
exit-address-family
!
address-family ipv4 vrf cust82
 redistribute connected
 neighbor 139.1.82.1 remote-as 65000
 neighbor 139.1.82.1 activate
exit-address-family
!
address-family ipv6 vrf cust82
 redistribute connected
 neighbor 1390:1::51:1 remote-as 65000
 neighbor 1390:1::51:1 activate
exit-address-family
!
address-family ipv4 vrf cust83
 redistribute connected
 neighbor 139.1.83.1 remote-as 65000
 neighbor 139.1.83.1 activate
exit-address-family
!
address-family ipv6 vrf cust83
```

```
 redistribute connected
 neighbor 1390:1::52:1 remote-as 65000
 neighbor 1390:1::52:1 activate
exit-address-family
!
address-family ipv4 vrf cust84
 redistribute connected
 neighbor 139.1.84.1 remote-as 65000
 neighbor 139.1.84.1 activate
exit-address-family
!
address-family ipv6 vrf cust84
 redistribute connected
 neighbor 1390:1::53:1 remote-as 65000
 neighbor 1390:1::53:1 activate
exit-address-family
!
address-family ipv4 vrf cust85
 redistribute connected
 neighbor 139.1.85.1 remote-as 65000
 neighbor 139.1.85.1 activate
exit-address-family
!
address-family ipv6 vrf cust85
 redistribute connected
 neighbor 1390:1::54:1 remote-as 65000
 neighbor 1390:1::54:1 activate
exit-address-family
!
address-family ipv4 vrf cust86
 redistribute connected
 neighbor 139.1.86.1 remote-as 65000
 neighbor 139.1.86.1 activate
exit-address-family
!
address-family ipv6 vrf cust86
 redistribute connected
 neighbor 1390:1::55:1 remote-as 65000
 neighbor 1390:1::55:1 activate
exit-address-family
!
address-family ipv4 vrf cust87
 redistribute connected
 neighbor 139.1.87.1 remote-as 65000
 neighbor 139.1.87.1 activate
exit-address-family
!
address-family ipv6 vrf cust87
 redistribute connected
 neighbor 1390:1::56:1 remote-as 65000
 neighbor 1390:1::56:1 activate
exit-address-family
!
address-family ipv4 vrf cust88
 redistribute connected
 neighbor 139.1.88.1 remote-as 65000
 neighbor 139.1.88.1 activate
exit-address-family
!
address-family ipv6 vrf cust88
 redistribute connected
 neighbor 1390:1::57:1 remote-as 65000
 neighbor 1390:1::57:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust89
 redistribute connected
 neighbor 139.1.89.1 remote-as 65000
 neighbor 139.1.89.1 activate
exit-address-family
!
address-family ipv6 vrf cust89
 redistribute connected
 neighbor 1390:1::58:1 remote-as 65000
 neighbor 1390:1::58:1 activate
exit-address-family
!
address-family ipv4 vrf cust9
 redistribute connected
 neighbor 139.1.9.1 remote-as 65000
 neighbor 139.1.9.1 activate
exit-address-family
!
address-family ipv6 vrf cust9
 redistribute connected
 neighbor 1390:1::8:1 remote-as 65000
 neighbor 1390:1::8:1 activate
exit-address-family
!
address-family ipv4 vrf cust90
 redistribute connected
 neighbor 139.1.90.1 remote-as 65000
 neighbor 139.1.90.1 activate
exit-address-family
!
address-family ipv6 vrf cust90
 redistribute connected
 neighbor 1390:1::59:1 remote-as 65000
 neighbor 1390:1::59:1 activate
exit-address-family
!
address-family ipv4 vrf cust91
 redistribute connected
 neighbor 139.1.91.1 remote-as 65000
 neighbor 139.1.91.1 activate
exit-address-family
!
address-family ipv6 vrf cust91
 redistribute connected
 neighbor 1390:1::5A:1 remote-as 65000
 neighbor 1390:1::5A:1 activate
exit-address-family
!
address-family ipv4 vrf cust92
 redistribute connected
 neighbor 139.1.92.1 remote-as 65000
 neighbor 139.1.92.1 activate
exit-address-family
!
address-family ipv6 vrf cust92
 redistribute connected
 neighbor 1390:1::5B:1 remote-as 65000
 neighbor 1390:1::5B:1 activate
exit-address-family
!
address-family ipv4 vrf cust93
 redistribute connected
 neighbor 139.1.93.1 remote-as 65000
```

```
 neighbor 139.1.93.1 activate
exit-address-family
!
address-family ipv6 vrf cust93
 redistribute connected
 neighbor 1390:1::5C:1 remote-as 65000
 neighbor 1390:1::5C:1 activate
exit-address-family
!
address-family ipv4 vrf cust94
 redistribute connected
 neighbor 139.1.94.1 remote-as 65000
 neighbor 139.1.94.1 activate
exit-address-family
!
address-family ipv6 vrf cust94
 redistribute connected
 neighbor 1390:1::5D:1 remote-as 65000
 neighbor 1390:1::5D:1 activate
exit-address-family
!
address-family ipv4 vrf cust95
 redistribute connected
 neighbor 139.1.95.1 remote-as 65000
 neighbor 139.1.95.1 activate
exit-address-family
!
address-family ipv6 vrf cust95
 redistribute connected
 neighbor 1390:1::5E:1 remote-as 65000
 neighbor 1390:1::5E:1 activate
exit-address-family
!
address-family ipv4 vrf cust96
 redistribute connected
 neighbor 139.1.96.1 remote-as 65000
 neighbor 139.1.96.1 activate
exit-address-family
!
address-family ipv6 vrf cust96
 redistribute connected
 neighbor 1390:1::5F:1 remote-as 65000
 neighbor 1390:1::5F:1 activate
exit-address-family
!
address-family ipv4 vrf cust97
 redistribute connected
 neighbor 139.1.97.1 remote-as 65000
 neighbor 139.1.97.1 activate
exit-address-family
!
address-family ipv6 vrf cust97
 redistribute connected
 neighbor 1390:1::60:1 remote-as 65000
 neighbor 1390:1::60:1 activate
exit-address-family
!
address-family ipv4 vrf cust98
 redistribute connected
 neighbor 139.1.98.1 remote-as 65000
 neighbor 139.1.98.1 activate
exit-address-family
!
address-family ipv6 vrf cust98
```

```
  redistribute connected
  neighbor 1390:1::61:1 remote-as 65000
  neighbor 1390:1::61:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust99
  redistribute connected
  neighbor 139.1.99.1 remote-as 65000
  neighbor 139.1.99.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust99
  redistribute connected
  neighbor 1390:1::62:1 remote-as 65000
  neighbor 1390:1::62:1 activate
 exit-address-family
!
ip forward-protocol nd
ip forward-protocol udp
ip pim vrf cust1 rp-address 66.0.0.1
ip tcp selective-ack
ip tcp mss 1460
ip tftp source-interface GigabitEthernet0/0/3
ip tftp blocksize 8192
ip dns server
ip http server
ip http secure-server
ip http client source-interface GigabitEthernet0/0/1
ip http client secure-trustpoint SLA-TrustPoint
!
ip nat inside source list mgmt-nw interface GigabitEthernet0/0/3 overload
ip route 0.0.0.0 0.0.0.0 19.19.1.1
ip route 0.0.0.0 0.0.0.0 10.104.45.1
ip route 10.104.45.246 255.255.255.255 9.44.0.1
ip route 70.70.70.0 255.255.255.0 101.101.7.1
ip route 70.70.70.125 255.255.255.255 101.101.7.1
ip route 202.153.144.25 255.255.255.255 11.3.0.1
ip route 202.153.144.90 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 0.0.0.0 0.0.0.0 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.174 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.220 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.246 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.90 255.255.255.255 9.44.0.1
ip route vrf cust11 0.0.0.0 0.0.0.0 101.101.7.1
ip route vrf cust11 70.70.70.125 255.255.255.255 101.101.7.1
ip ssh bulk-mode 131072
!
ip access-list extended CM_ACL
 410 permit ip 122.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
 420 permit ip 170.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
ip access-list extended CM_ACL2
 410 permit ip 70.0.0.0 0.255.255.255 139.0.0.0 0.255.255.255
 420 permit ip 139.0.0.0 0.255.255.255 70.0.0.0 0.255.255.255
ip access-list extended GETVPN-FAILCLOSE-IN-bw600-LAB
 10 permit ip any any
ip access-list extended GETVPN-FAILCLOSE-OUT-bw600-LAB
 10 permit ip any any
ip access-list extended fc_revert_ipv4
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
```

```
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 deny ip any 15.0.0.0 0.255.255.255
 121 deny ip 122.0.0.0 0.255.255.255 124.0.0.0 0.255.255.255
 122 deny ip 124.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
 127 deny ip 190.0.0.0 0.255.255.255 225.0.0.0 0.255.255.255
 201 deny ip any 224.0.0.0 0.255.255.255
ip access-list extended mgmt-nw
 10 deny udp any any eq isakmp
 20 permit ip 16.0.0.0 0.255.255.255 any
ip sla 20
 udp-jitter 15.0.0.1 16384 source-ip 139.1.1.2 source-port 16384 num-packets 100 interval
10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 20 life forever start-time now
ip sla 30
 udp-jitter 15.0.0.5 16385 source-ip 139.1.1.2 source-port 16385 num-packets 100 interval
10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 30 life forever start-time now
ip sla 50
 udp-jitter 124.1.1.1 16376 source-ip 122.1.1.1 source-port 16376 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 50 life forever start-time now
ip sla responder
logging source-interface GigabitEthernet0/0/3
logging host 10.104.45.124
logging host 10.104.45.157
snmp-server community SNMP RW
snmp-server community public-read RO
snmp-server community public-rw RW
snmp-server community LIVE RW
snmp-server community DNAC RO
```

```
snmp-server trap link switchover
snmp-server trap-source GigabitEthernet0/0/3
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps vrrp
snmp-server enable traps flowmon
snmp-server enable traps pfr
snmp-server enable traps ds1
snmp-server enable traps entity-perf throughput-notif
snmp-server enable traps sdwan omp system policy security
snmp-server enable traps ds3
snmp-server enable traps call-home message-send-fail server-fail
snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps casa
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps xgcp
snmp-server enable traps bfd
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change
inconsistency
snmp-server enable traps config-copy
snmp-server enable traps config
snmp-server enable traps config-ctid
snmp-server enable traps memory bufferpeak
snmp-server enable traps fru-ctrl
snmp-server enable traps entity
snmp-server enable traps event-manager
snmp-server enable traps frame-relay
snmp-server enable traps frame-relay subif
snmp-server enable traps hsrp
snmp-server enable traps entity-state
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up
snmp-server enable traps ether-oam
snmp-server enable traps ethernet evc status create delete
snmp-server enable traps entity-qfp mem-res-thresh throughput-notif
snmp-server enable traps entity-sensor
snmp-server enable traps flash insertion removal lowspace
snmp-server enable traps adslline
snmp-server enable traps vdsl2line
snmp-server enable traps isdn call-information
snmp-server enable traps isdn layer2
snmp-server enable traps isdn chan-not-avail
snmp-server enable traps isdn ietf
snmp-server enable traps cnpd
snmp-server enable traps srp
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached
scheduled-test-fail
snmp-server enable traps aaa_server
snmp-server enable traps atm subif
snmp-server enable traps bgp state-changes all backward-trans limited updown-limited
snmp-server enable traps bgp threshold prefix
snmp-server enable traps bgp cbgp2 state-changes all backward-trans limited updown-limited
snmp-server enable traps bgp cbgp2 threshold prefix
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps ipmulticast
```

```
snmp-server enable traps msdp
snmp-server enable traps mvpn
snmp-server enable traps rsvp
snmp-server enable traps isis
snmp-server enable traps dhcp
snmp-server enable traps ip local pool
snmp-server enable traps ospfv3 state-change
snmp-server enable traps ospfv3 errors
snmp-server enable traps pppoe
snmp-server enable traps cpu threshold
snmp-server enable traps ipsla
snmp-server enable traps syslog
snmp-server enable traps smart-license
snmp-server enable traps pimstdmib neighbor-loss invalid-register invalid-join-prune
rp-mapping-change interface-election
snmp-server enable traps frame-relay multilink bundle-mismatch
snmp-server enable traps sonet
snmp-server enable traps dlsw
snmp-server enable traps resource-policy
snmp-server enable traps lisp
snmp-server enable traps otn
snmp-server enable traps l2tun session
snmp-server enable traps l2tun pseudowire status
snmp-server enable traps pw vc
snmp-server enable traps auth-framework sec-violation
snmp-server enable traps c3g
snmp-server enable traps LTE
snmp-server enable traps dial
snmp-server enable traps dsp card-status
snmp-server enable traps dsp oper-state
snmp-server enable traps dsp video-usage
snmp-server enable traps dsp video-out-of-resource
snmp-server enable traps firewall serverstatus
snmp-server enable traps pki
snmp-server enable traps stpx inconsistency root-inconsistency loop-inconsistency
snmp-server enable traps port-security
snmp-server enable traps bridge newroot topologychange
snmp-server enable traps vtp
snmp-server enable traps vlancreate
snmp-server enable traps vlandelete
snmp-server enable traps ike policy add
snmp-server enable traps ike policy delete
snmp-server enable traps ike tunnel start
snmp-server enable traps ike tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps gdoi gm-start-registration
snmp-server enable traps gdoi gm-registration-complete
snmp-server enable traps gdoi gm-re-register
snmp-server enable traps gdoi gm-rekey-rcvd
snmp-server enable traps gdoi gm-rekey-fail
snmp-server enable traps gdoi ks-rekey-pushed
snmp-server enable traps gdoi gm-incomplete-cfg
snmp-server enable traps gdoi ks-no-rsa-keys
snmp-server enable traps gdoi ks-new-registration
snmp-server enable traps gdoi ks-reg-complete
snmp-server enable traps gdoi ks-role-change
snmp-server enable traps gdoi ks-gm-deleted
snmp-server enable traps gdoi ks-peer-reachable
```

```
snmp-server enable traps gdoi ks-peer-unreachable
snmp-server enable traps mpls rfc ldp
snmp-server enable traps mpls ldp
snmp-server enable traps mpls rfc traffic-eng
snmp-server enable traps mpls traffic-eng
snmp-server enable traps mpls fast-reroute protected
snmp-server enable traps alarms informational
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps ethernet cfm alarm
snmp-server enable traps rf
snmp-server enable traps transceiver all
snmp-server enable traps vrfmib vrf-up vrf-down vnet-trunk-up vnet-trunk-down
snmp-server enable traps ccme
snmp-server enable traps srst
snmp-server enable traps voice
snmp-server enable traps mpls vpn
snmp-server enable traps mpls rfc vpn
snmp-server host 10.104.45.157 vrf Mgmt-intf version 2c DNAC
snmp-server host 10.104.45.246 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server host 11.3.6.36 version 2c SNMP udp-port 1234
snmp-server host 10.104.45.157 vrf Mgmt-intf version 2c public
snmp-server host 10.104.45.124 version 2c public2
snmp-server host 10.104.45.157 version 2c public2
snmp-server manager
tftp-server
bootflash:c8000be-universalk9.BLD_V1710_THROTTLE_LATEST_20221011_143433_V17_10_0_49.SSA.bin
!
!
!
!
!
ipv6 access-list GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list fc_revert_ipv6
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 151 deny ipv6 FE80::/16 FF02::/16
 sequence 152 deny ipv6 FF02::/16 FE80::/16
 sequence 153 deny ipv6 FE00::/8 FE00::/8
 sequence 154 deny ipv6 FF00::/8 FF00::/8
 sequence 160 deny ipv6 1220::/16 1240::/16
 sequence 161 deny ipv6 1240::/16 1220::/16
!
control-plane
!
!
mgcp behavior rsip-range tgcp-only
mgcp behavior comedia-role none
```

```
mgcp behavior comedia-check-media-src disable
mgcp behavior comedia-sdp-force disable
!
mgcp profile default
!
!
!
!
!
alias exec cgdoi clear cry gdoi
alias exec binos request platform so system shell
alias exec binosrp request platform software system shell rp active
alias exec binosfp request platform software system shell fp active
alias exec coff show platform hardware qfp active datapath infrastructure coff
alias exec cestatus show platform hard crypto-device status
alias exec cestats show platform hard crypto-device statistic
alias exec qfpdrop sh platform hardware qfp active statistics drop clear
alias exec cedrop2 sh plat ha qfp act fea ipsec dat drop all
alias exec cedrop sh plat ha qfp act fea ipsec dat drop clear
alias exec ceutil sh platform hardware crypto-device utilization
alias exec qfputil sho platform hardware qfp active datapath utilization
alias exec cebp show pl h crypto-device registers backpressure
alias exec indataq show platform hardware crypto-device registers in-data-queue
alias exec outdataq show platform hardware crypto-device registers out-data-queue
alias exec inlowq show platform hardware crypto-device registers in-low-queue
alias exec outlowq show platform hardware crypto-device registers out-low-queue
alias exec inhighq show platform hardware crypto-device registers in-high-queue
alias exec outhighq show platform hardware crypto-device registers out-high-queue
alias exec ping1 ping vrf cust1 170.1.1.1 so 122.1.1.1
alias exec ping2 ping vrf cust2 170.1.2.1 so 122.1.2.1
alias exec crypt show crypto ipsec sa | inc crypt:
alias exec shoalias show run | inc alias
alias exec sesscount sh crypto session de | count UP
!
line con 0
 exec-timeout 0 0
 stopbits 1
line aux 0
line vty 0 4
 password 7 <removed>
 length 0
 transport input all
 transport output all
line vty 5 14
 transport input ssh
!
ntp trusted-key 1
ntp source GigabitEthernet0/0/3
ntp server 11.3.6.10 prefer
call-home
 ! If contact email address in call-home is configured as sch-smart-licensing@cisco.com
 ! the email address configured in Cisco Smart License Portal will be used as contact email
 address to send SCH notifications.
 contact-email-addr sch-smart-licensing@cisco.com
 profile "CiscoTAC-1"
  active
  destination transport-method http
  destination address http
https://tools-stage.cisco.com/its/service/oddce/services/DDCEService
  no destination address http https://tools.cisco.com/its/service/oddce/services/DDCEService

!
!
netconf ssh
```

```
!
!
!
!
!
sd-routing
 no ipv6-strict-control
 organization-name vmng-scale-ind-getvpn
 site-id 5
 sp-organization-name vmng-scale-ind
 system-ip 223.1.1.8
 vbond name vbond1
 vbond port 12346
 wan-interface TenGigabitEthernet0/0/5
netconf-yang
netconf-yang feature candidate-datastore
yang-interfaces feature deprecated disable
telemetry ietf subscription 294967224
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967225
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967226
 filter xpath /crypto-ios-xe-events:nhrp-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967227
 filter xpath /crypto-ios-xe-events:ike-ipsec-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967228
 filter xpath /crypto-ios-xe-events:ike-ipsec-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967229
 filter xpath /qfp-resource-ios-xe-events:qfp-exmem-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967232
 filter xpath /utd-ios-xe-events:utd-con
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967233
 filter xpath /red-app-events:red-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967234
 filter xpath /sse-ios-xe-events:sse-tunnel-params-absent
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967240
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-event
```

```
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967243
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-expiry
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967244
 filter xpath /line-ios-xe-events:line-state-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967245
 filter xpath /ospf-ios-xe-events:ospfv3-nbr-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967246
 filter xpath /ospf-ios-xe-events:ospfv3-if-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967258
 filter xpath /ios-events-ios-xe-oper:usb-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967259
 filter xpath /ios-events-ios-xe-oper:tempsensor-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967260
 filter xpath /ios-events-ios-xe-oper:tempsensor-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967261
 filter xpath /ios-events-ios-xe-oper:system-reboot-issued
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967262
 filter xpath /ios-events-ios-xe-oper:system-reboot-complete
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967263
 filter xpath /ios-events-ios-xe-oper:system-logout-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967264
 filter xpath /ios-events-ios-xe-oper:system-login-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967265
 filter xpath /ios-events-ios-xe-oper:system-aaa-login-fail
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967267
```

```
 filter xpath /ios-events-ios-xe-oper:sfp-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967271
 filter xpath /ios-events-ios-xe-oper:pem-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967272
 filter xpath /ios-events-ios-xe-oper:pem-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967273
 filter xpath /ios-events-ios-xe-oper:ospf-neighbor-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967274
 filter xpath /ios-events-ios-xe-oper:ospf-interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967275
 filter xpath /ios-events-ios-xe-oper:memory-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967276
 filter xpath /ios-events-ios-xe-oper:interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967277
 filter xpath /ios-events-ios-xe-oper:interface-admin-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967280
 filter xpath /ios-events-ios-xe-oper:fantray-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967281
 filter xpath /ios-events-ios-xe-oper:fan-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967283
 filter xpath /ios-events-ios-xe-oper:disk-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967289
 filter xpath /ios-events-ios-xe-oper:cpu-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967293
 filter xpath /ios-events-ios-xe-oper:bgp-peer-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
```

```
telemetry ietf subscription 294967295
 filter xpath /ios-events-ios-xe-oper:aaa-admin-pwd-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967244
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967245
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967246
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-file-upload-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967253
 filter xpath /im-events-ios-xe-oper:im-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry receiver protocol confd-rfc5277
 host ip-address 0.0.0.0 0
 protocol rfc5277
end
```

WAN Aggregation GETVPN GM10 yang commands

Configuration example for GM10

```
!
! Last configuration change at 01:17:34 IST Thu Nov 28 2024 by IOSP_CLIENT_DMI
! NVRAM config last updated at 01:17:35 IST Thu Nov 28 2024 by IOSP_CLIENT_DMI
!
version 17.16
service timestamps debug datetime msec localtime show-timezone
service timestamps log datetime localtime
service password-encryption
service internal
service call-home
platform qfp utilization monitor load 80
platform ipreass threshold ipv6 1024
!
hostname GM-Fugazi
!
boot-start-marker
boot system bootflash:c8000aes-universalk9.BLD_V1716_THROTTLE_LATEST_20241122_071016.SSA.bin
! Warning: Booting with bundle mode will be deprecated in the near future. Migration to
install mode is required.
boot-end-marker
!
!
vrf definition Mgmt-intf
 !
 address-family ipv4
 exit-address-family
 !
 address-family ipv6
 exit-address-family
!
vrf definition cust1
 rd 101:1
 !
 address-family ipv4
  route-target export 101:1
  route-target import 101:1
 exit-address-family
 !
 address-family ipv6
  route-target export 101:1
  route-target import 101:1
 exit-address-family
!
vrf definition cust10
 rd 110:1
 !
 address-family ipv4
  route-target export 110:1
  route-target import 110:1
 exit-address-family
 !
 address-family ipv6
  route-target export 110:1
  route-target import 110:1
 exit-address-family
!
vrf definition cust100
```

```
 rd 200:1
 !
 address-family ipv4
  route-target export 200:1
  route-target import 200:1
 exit-address-family
 !
 address-family ipv6
  route-target export 200:1
  route-target import 200:1
 exit-address-family
!
vrf definition cust11
 rd 111:1
 !
 address-family ipv4
  route-target export 111:1
  route-target import 111:1
 exit-address-family
 !
 address-family ipv6
  route-target export 111:1
  route-target import 111:1
 exit-address-family
!
vrf definition cust12
 rd 112:1
 !
 address-family ipv4
  route-target export 112:1
  route-target import 112:1
 exit-address-family
 !
 address-family ipv6
  route-target export 112:1
  route-target import 112:1
 exit-address-family
!
vrf definition cust13
 rd 113:1
 !
 address-family ipv4
  route-target export 113:1
  route-target import 113:1
 exit-address-family
 !
 address-family ipv6
  route-target export 113:1
  route-target import 113:1
 exit-address-family
!
vrf definition cust14
 rd 114:1
 !
 address-family ipv4
  route-target export 114:1
  route-target import 114:1
 exit-address-family
 !
 address-family ipv6
  route-target export 114:1
  route-target import 114:1
 exit-address-family
!
```

```
vrf definition cust15
 rd 115:1
 !
 address-family ipv4
  route-target export 115:1
  route-target import 115:1
 exit-address-family
 !
 address-family ipv6
  route-target export 115:1
  route-target import 115:1
 exit-address-family
!
vrf definition cust16
 rd 116:1
 !
 address-family ipv4
  route-target export 116:1
  route-target import 116:1
 exit-address-family
 !
 address-family ipv6
  route-target export 116:1
  route-target import 116:1
 exit-address-family
!
vrf definition cust17
 rd 117:1
 !
 address-family ipv4
  route-target export 117:1
  route-target import 117:1
 exit-address-family
 !
 address-family ipv6
  route-target export 117:1
  route-target import 117:1
 exit-address-family
!
vrf definition cust18
 rd 118:1
 !
 address-family ipv4
  route-target export 118:1
  route-target import 118:1
 exit-address-family
 !
 address-family ipv6
  route-target export 118:1
  route-target import 118:1
 exit-address-family
!
vrf definition cust19
 rd 119:1
 !
 address-family ipv4
  route-target export 119:1
  route-target import 119:1
 exit-address-family
 !
 address-family ipv6
  route-target export 119:1
  route-target import 119:1
 exit-address-family
```

```
!
vrf definition cust2
 rd 102:1
 !
 address-family ipv4
  route-target export 102:1
  route-target import 102:1
 exit-address-family
 !
 address-family ipv6
  route-target export 102:1
  route-target import 102:1
 exit-address-family
!
vrf definition cust20
 rd 120:1
 !
 address-family ipv4
  route-target export 120:1
  route-target import 120:1
 exit-address-family
 !
 address-family ipv6
  route-target export 120:1
  route-target import 120:1
 exit-address-family
!
vrf definition cust21
 rd 121:1
 !
 address-family ipv4
  route-target export 121:1
  route-target import 121:1
 exit-address-family
 !
 address-family ipv6
  route-target export 121:1
  route-target import 121:1
 exit-address-family
!
vrf definition cust22
 rd 122:1
 !
 address-family ipv4
  route-target export 122:1
  route-target import 122:1
 exit-address-family
 !
 address-family ipv6
  route-target export 122:1
  route-target import 122:1
 exit-address-family
!
vrf definition cust23
 rd 123:1
 !
 address-family ipv4
  route-target export 123:1
  route-target import 123:1
 exit-address-family
 !
 address-family ipv6
  route-target export 123:1
  route-target import 123:1
```

```
 exit-address-family
!
vrf definition cust24
 rd 124:1
 !
 address-family ipv4
  route-target export 124:1
  route-target import 124:1
 exit-address-family
 !
 address-family ipv6
  route-target export 124:1
  route-target import 124:1
 exit-address-family
!
vrf definition cust25
 rd 125:1
 !
 address-family ipv4
  route-target export 125:1
  route-target import 125:1
 exit-address-family
 !
 address-family ipv6
  route-target export 125:1
  route-target import 125:1
 exit-address-family
!
vrf definition cust26
 rd 126:1
 !
 address-family ipv4
  route-target export 126:1
  route-target import 126:1
 exit-address-family
 !
 address-family ipv6
  route-target export 126:1
  route-target import 126:1
 exit-address-family
!
vrf definition cust27
 rd 127:1
 !
 address-family ipv4
  route-target export 127:1
  route-target import 127:1
 exit-address-family
 !
 address-family ipv6
  route-target export 127:1
  route-target import 127:1
 exit-address-family
!
vrf definition cust28
 rd 128:1
 !
 address-family ipv4
  route-target export 128:1
  route-target import 128:1
 exit-address-family
 !
 address-family ipv6
  route-target export 128:1
```

```
  route-target import 128:1
 exit-address-family
!
vrf definition cust29
 rd 129:1
 !
 address-family ipv4
  route-target export 129:1
  route-target import 129:1
 exit-address-family
 !
 address-family ipv6
  route-target export 129:1
  route-target import 129:1
 exit-address-family
!
vrf definition cust3
 rd 103:1
 !
 address-family ipv4
  route-target export 103:1
  route-target import 103:1
 exit-address-family
 !
 address-family ipv6
  route-target export 103:1
  route-target import 103:1
 exit-address-family
!
vrf definition cust30
 rd 130:1
 !
 address-family ipv4
  route-target export 130:1
  route-target import 130:1
 exit-address-family
 !
 address-family ipv6
  route-target export 130:1
  route-target import 130:1
 exit-address-family
!
vrf definition cust31
 rd 131:1
 !
 address-family ipv4
  route-target export 131:1
  route-target import 131:1
 exit-address-family
 !
 address-family ipv6
  route-target export 131:1
  route-target import 131:1
 exit-address-family
!
vrf definition cust32
 rd 132:1
 !
 address-family ipv4
  route-target export 132:1
  route-target import 132:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 132:1
  route-target import 132:1
 exit-address-family
!
vrf definition cust33
 rd 133:1
 !
 address-family ipv4
  route-target export 133:1
  route-target import 133:1
 exit-address-family
 !
 address-family ipv6
  route-target export 133:1
  route-target import 133:1
 exit-address-family
!
vrf definition cust34
 rd 134:1
 !
 address-family ipv4
  route-target export 134:1
  route-target import 134:1
 exit-address-family
 !
 address-family ipv6
  route-target export 134:1
  route-target import 134:1
 exit-address-family
!
vrf definition cust35
 rd 135:1
 !
 address-family ipv4
  route-target export 135:1
  route-target import 135:1
 exit-address-family
 !
 address-family ipv6
  route-target export 135:1
  route-target import 135:1
 exit-address-family
!
vrf definition cust36
 rd 136:1
 !
 address-family ipv4
  route-target export 136:1
  route-target import 136:1
 exit-address-family
 !
 address-family ipv6
  route-target export 136:1
  route-target import 136:1
 exit-address-family
!
vrf definition cust37
 rd 137:1
 !
 address-family ipv4
  route-target export 137:1
  route-target import 137:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 137:1
  route-target import 137:1
 exit-address-family
!
vrf definition cust38
 rd 138:1
 !
 address-family ipv4
  route-target export 138:1
  route-target import 138:1
 exit-address-family
 !
 address-family ipv6
  route-target export 138:1
  route-target import 138:1
 exit-address-family
!
vrf definition cust39
 rd 139:1
 !
 address-family ipv4
  route-target export 139:1
  route-target import 139:1
 exit-address-family
 !
 address-family ipv6
  route-target export 139:1
  route-target import 139:1
 exit-address-family
!
vrf definition cust4
 rd 104:1
 !
 address-family ipv4
  route-target export 104:1
  route-target import 104:1
 exit-address-family
 !
 address-family ipv6
  route-target export 104:1
  route-target import 104:1
 exit-address-family
!
vrf definition cust40
 rd 140:1
 !
 address-family ipv4
  route-target export 140:1
  route-target import 140:1
 exit-address-family
 !
 address-family ipv6
  route-target export 140:1
  route-target import 140:1
 exit-address-family
!
vrf definition cust41
 rd 141:1
 !
 address-family ipv4
  route-target export 141:1
  route-target import 141:1
 exit-address-family
```

```
 !
 address-family ipv6
  route-target export 141:1
  route-target import 141:1
 exit-address-family
!
vrf definition cust42
 rd 142:1
 !
 address-family ipv4
  route-target export 142:1
  route-target import 142:1
 exit-address-family
 !
 address-family ipv6
  route-target export 142:1
  route-target import 142:1
 exit-address-family
!
vrf definition cust43
 rd 143:1
 !
 address-family ipv4
  route-target export 143:1
  route-target import 143:1
 exit-address-family
 !
 address-family ipv6
  route-target export 143:1
  route-target import 143:1
 exit-address-family
!
vrf definition cust44
 rd 144:1
 !
 address-family ipv4
  route-target export 144:1
  route-target import 144:1
 exit-address-family
 !
 address-family ipv6
  route-target export 144:1
  route-target import 144:1
 exit-address-family
!
vrf definition cust45
 rd 145:1
 !
 address-family ipv4
  route-target export 145:1
  route-target import 145:1
 exit-address-family
 !
 address-family ipv6
  route-target export 145:1
  route-target import 145:1
 exit-address-family
!
vrf definition cust46
 rd 146:1
 !
 address-family ipv4
  route-target export 146:1
  route-target export 148:1
```

```
  route-target import 146:1
  route-target import 148:1
 exit-address-family
 !
 address-family ipv6
  route-target export 146:1
  route-target export 148:1
  route-target import 146:1
  route-target import 148:1
 exit-address-family
!
vrf definition cust47
 rd 147:1
 !
 address-family ipv4
  route-target export 147:1
  route-target import 147:1
 exit-address-family
 !
 address-family ipv6
  route-target export 147:1
  route-target import 147:1
 exit-address-family
!
vrf definition cust48
 rd 148:1
 !
 address-family ipv4
  route-target export 148:1
  route-target import 148:1
 exit-address-family
 !
 address-family ipv6
  route-target export 148:1
  route-target import 148:1
 exit-address-family
!
vrf definition cust49
 rd 149:1
 !
 address-family ipv4
  route-target export 105:1
  route-target export 149:1
  route-target import 105:1
  route-target import 149:1
 exit-address-family
 !
 address-family ipv6
  route-target export 105:1
  route-target export 149:1
  route-target import 105:1
  route-target import 149:1
 exit-address-family
!
vrf definition cust5
 rd 105:1
 !
 address-family ipv4
  route-target export 105:1
  route-target import 105:1
 exit-address-family
 !
 address-family ipv6
  route-target export 105:1
```

```
  route-target import 105:1
 exit-address-family
!
vrf definition cust50
 rd 150:1
 !
 address-family ipv4
  route-target export 150:1
  route-target import 150:1
 exit-address-family
 !
 address-family ipv6
  route-target export 150:1
  route-target import 150:1
 exit-address-family
!
vrf definition cust51
 rd 151:1
 !
 address-family ipv4
  route-target export 151:1
  route-target import 151:1
 exit-address-family
 !
 address-family ipv6
  route-target export 151:1
  route-target import 151:1
 exit-address-family
!
vrf definition cust52
 rd 152:1
 !
 address-family ipv4
  route-target export 152:1
  route-target import 152:1
 exit-address-family
 !
 address-family ipv6
  route-target export 152:1
  route-target import 152:1
 exit-address-family
!
vrf definition cust53
 rd 153:1
 !
 address-family ipv4
  route-target export 153:1
  route-target import 153:1
 exit-address-family
 !
 address-family ipv6
  route-target export 153:1
  route-target import 153:1
 exit-address-family
!
vrf definition cust54
 rd 154:1
 route-target import 165:1
 !
 address-family ipv4
  route-target export 154:1
  route-target import 154:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 154:1
  route-target import 154:1
 exit-address-family
!
vrf definition cust55
 rd 155:1
 !
 address-family ipv4
  route-target export 155:1
  route-target import 155:1
 exit-address-family
 !
 address-family ipv6
  route-target export 155:1
  route-target import 155:1
 exit-address-family
!
vrf definition cust56
 rd 156:1
 !
 address-family ipv4
  route-target export 156:1
  route-target import 156:1
 exit-address-family
 !
 address-family ipv6
  route-target export 156:1
  route-target import 156:1
 exit-address-family
!
vrf definition cust57
 rd 157:1
 !
 address-family ipv4
  route-target export 157:1
  route-target import 157:1
 exit-address-family
 !
 address-family ipv6
  route-target export 157:1
  route-target import 157:1
 exit-address-family
!
vrf definition cust58
 rd 158:1
 !
 address-family ipv4
  route-target export 158:1
  route-target import 158:1
 exit-address-family
 !
 address-family ipv6
  route-target export 158:1
  route-target import 158:1
 exit-address-family
!
vrf definition cust59
 rd 159:1
 !
 address-family ipv4
  route-target export 159:1
  route-target import 159:1
 exit-address-family
```

```
 !
 address-family ipv6
  route-target export 159:1
  route-target import 159:1
 exit-address-family
!
vrf definition cust6
 rd 106:1
 !
 address-family ipv4
  route-target export 106:1
  route-target import 106:1
 exit-address-family
 !
 address-family ipv6
  route-target export 106:1
  route-target import 106:1
 exit-address-family
!
vrf definition cust60
 rd 160:1
 !
 address-family ipv4
  route-target export 160:1
  route-target import 160:1
 exit-address-family
 !
 address-family ipv6
  route-target export 160:1
  route-target import 160:1
 exit-address-family
!
vrf definition cust61
 rd 161:1
 !
 address-family ipv4
  route-target export 161:1
  route-target import 161:1
 exit-address-family
 !
 address-family ipv6
  route-target export 161:1
  route-target import 161:1
 exit-address-family
!
vrf definition cust62
 rd 162:1
 !
 address-family ipv4
  route-target export 162:1
  route-target import 162:1
 exit-address-family
 !
 address-family ipv6
  route-target export 162:1
  route-target import 162:1
 exit-address-family
!
vrf definition cust63
 rd 163:1
 !
 address-family ipv4
  route-target export 163:1
  route-target import 163:1
```

```
 exit-address-family
 !
 address-family ipv6
  route-target export 163:1
  route-target import 163:1
 exit-address-family
!
vrf definition cust64
 rd 164:1
 !
 address-family ipv4
  route-target export 164:1
  route-target import 164:1
 exit-address-family
 !
 address-family ipv6
  route-target export 164:1
  route-target import 164:1
 exit-address-family
!
vrf definition cust65
 rd 165:1
 !
 address-family ipv4
  route-target export 165:1
  route-target import 165:1
 exit-address-family
 !
 address-family ipv6
  route-target export 165:1
  route-target import 165:1
 exit-address-family
!
vrf definition cust66
 rd 166:1
 !
 address-family ipv4
  route-target export 166:1
  route-target import 166:1
 exit-address-family
 !
 address-family ipv6
  route-target export 166:1
  route-target import 166:1
 exit-address-family
!
vrf definition cust67
 rd 167:1
 !
 address-family ipv4
  route-target export 167:1
  route-target import 167:1
 exit-address-family
 !
 address-family ipv6
  route-target export 167:1
  route-target import 167:1
 exit-address-family
!
vrf definition cust68
 rd 168:1
 !
 address-family ipv4
  route-target export 168:1
```

```
  route-target import 168:1
 exit-address-family
 !
 address-family ipv6
  route-target export 168:1
  route-target import 168:1
 exit-address-family
!
vrf definition cust69
 rd 169:1
 !
 address-family ipv4
  route-target export 169:1
  route-target import 169:1
 exit-address-family
 !
 address-family ipv6
  route-target export 169:1
  route-target import 169:1
 exit-address-family
!
vrf definition cust7
 rd 107:1
 !
 address-family ipv4
  route-target export 107:1
  route-target import 107:1
 exit-address-family
 !
 address-family ipv6
  route-target export 107:1
  route-target import 107:1
 exit-address-family
!
vrf definition cust70
 rd 170:1
 !
 address-family ipv4
  route-target export 170:1
  route-target import 170:1
 exit-address-family
 !
 address-family ipv6
  route-target export 170:1
  route-target import 170:1
 exit-address-family
!
vrf definition cust71
 rd 171:1
 !
 address-family ipv4
  route-target export 171:1
  route-target import 171:1
 exit-address-family
 !
 address-family ipv6
  route-target export 171:1
  route-target import 171:1
 exit-address-family
!
vrf definition cust72
 rd 172:1
 !
 address-family ipv4
```

```
  route-target export 172:1
  route-target import 172:1
 exit-address-family
 !
 address-family ipv6
  route-target export 172:1
  route-target import 172:1
 exit-address-family
!
vrf definition cust73
 rd 173:1
 route-target import 184:1
 !
 address-family ipv4
  route-target export 173:1
  route-target import 173:1
 exit-address-family
 !
 address-family ipv6
  route-target export 173:1
  route-target import 173:1
 exit-address-family
!
vrf definition cust74
 rd 174:1
 !
 address-family ipv4
  route-target export 174:1
  route-target import 174:1
 exit-address-family
 !
 address-family ipv6
  route-target export 174:1
  route-target import 174:1
 exit-address-family
!
vrf definition cust75
 rd 175:1
 !
 address-family ipv4
  route-target export 175:1
  route-target import 175:1
 exit-address-family
 !
 address-family ipv6
  route-target export 175:1
  route-target import 175:1
 exit-address-family
!
vrf definition cust76
 rd 176:1
 !
 address-family ipv4
  route-target export 176:1
  route-target import 176:1
 exit-address-family
 !
 address-family ipv6
  route-target export 176:1
  route-target import 176:1
 exit-address-family
!
vrf definition cust77
 rd 177:1
```

```
 !
 address-family ipv4
  route-target export 177:1
  route-target import 177:1
 exit-address-family
 !
 address-family ipv6
  route-target export 177:1
  route-target import 177:1
 exit-address-family
!
vrf definition cust78
 rd 178:1
 !
 address-family ipv4
  route-target export 178:1
  route-target import 178:1
 exit-address-family
 !
 address-family ipv6
  route-target export 178:1
  route-target import 178:1
 exit-address-family
!
vrf definition cust79
 rd 179:1
 !
 address-family ipv4
  route-target export 179:1
  route-target import 179:1
 exit-address-family
 !
 address-family ipv6
  route-target export 179:1
  route-target import 179:1
 exit-address-family
!
vrf definition cust8
 rd 108:1
 !
 address-family ipv4
  route-target export 108:1
  route-target import 108:1
 exit-address-family
 !
 address-family ipv6
  route-target export 108:1
  route-target import 108:1
 exit-address-family
!
vrf definition cust80
 rd 180:1
 !
 address-family ipv4
  route-target export 180:1
  route-target import 180:1
 exit-address-family
 !
 address-family ipv6
  route-target export 180:1
  route-target import 180:1
 exit-address-family
!
vrf definition cust81
```

```
 rd 181:1
 !
 address-family ipv4
  route-target export 181:1
  route-target import 181:1
 exit-address-family
 !
 address-family ipv6
  route-target export 181:1
  route-target import 181:1
 exit-address-family
!
vrf definition cust82
 rd 182:1
 !
 address-family ipv4
  route-target export 182:1
  route-target import 182:1
 exit-address-family
 !
 address-family ipv6
  route-target export 182:1
  route-target import 182:1
 exit-address-family
!
vrf definition cust83
 rd 183:1
 !
 address-family ipv4
  route-target export 183:1
  route-target import 183:1
 exit-address-family
 !
 address-family ipv6
  route-target export 183:1
  route-target import 183:1
 exit-address-family
!
vrf definition cust84
 rd 184:1
 !
 address-family ipv4
  route-target export 184:1
  route-target import 184:1
 exit-address-family
 !
 address-family ipv6
  route-target export 184:1
  route-target import 184:1
 exit-address-family
!
vrf definition cust85
 rd 185:1
 !
 address-family ipv4
  route-target export 185:1
  route-target import 185:1
 exit-address-family
 !
 address-family ipv6
  route-target export 185:1
  route-target import 185:1
 exit-address-family
!
```

```
vrf definition cust86
 rd 186:1
 !
 address-family ipv4
  route-target export 186:1
  route-target import 186:1
 exit-address-family
 !
 address-family ipv6
  route-target export 186:1
  route-target import 186:1
 exit-address-family
!
vrf definition cust87
 rd 187:1
 !
 address-family ipv4
  route-target export 187:1
  route-target import 187:1
 exit-address-family
 !
 address-family ipv6
  route-target export 187:1
  route-target import 187:1
 exit-address-family
!
vrf definition cust88
 rd 188:1
 !
 address-family ipv4
  route-target export 188:1
  route-target import 188:1
 exit-address-family
 !
 address-family ipv6
  route-target export 188:1
  route-target import 188:1
 exit-address-family
!
vrf definition cust89
 rd 189:1
 !
 address-family ipv4
  route-target export 189:1
  route-target import 189:1
 exit-address-family
 !
 address-family ipv6
  route-target export 189:1
  route-target import 189:1
 exit-address-family
!
vrf definition cust9
 rd 109:1
 !
 address-family ipv4
  route-target export 109:1
  route-target import 109:1
 exit-address-family
 !
 address-family ipv6
  route-target export 109:1
  route-target import 109:1
 exit-address-family
```

```
!
vrf definition cust90
 rd 190:1
 !
 address-family ipv4
  route-target export 190:1
  route-target import 190:1
 exit-address-family
 !
 address-family ipv6
  route-target export 190:1
  route-target import 190:1
 exit-address-family
!
vrf definition cust91
 rd 191:1
 !
 address-family ipv4
  route-target export 191:1
  route-target import 191:1
 exit-address-family
 !
 address-family ipv6
  route-target export 191:1
  route-target import 191:1
 exit-address-family
!
vrf definition cust92
 rd 192:1
 !
 address-family ipv4
  route-target export 192:1
  route-target import 192:1
 exit-address-family
 !
 address-family ipv6
  route-target export 192:1
  route-target import 192:1
 exit-address-family
!
vrf definition cust93
 rd 193:1
 !
 address-family ipv4
  route-target export 193:1
  route-target import 193:1
 exit-address-family
 !
 address-family ipv6
  route-target export 193:1
  route-target import 193:1
 exit-address-family
!
vrf definition cust94
 rd 194:1
 !
 address-family ipv4
  route-target export 194:1
  route-target import 194:1
 exit-address-family
 !
 address-family ipv6
  route-target export 194:1
  route-target import 194:1
```

```
 exit-address-family
!
vrf definition cust95
 rd 195:1
 !
 address-family ipv4
  route-target export 195:1
  route-target import 195:1
 exit-address-family
 !
 address-family ipv6
  route-target export 195:1
  route-target import 195:1
 exit-address-family
!
vrf definition cust96
 rd 196:1
 !
 address-family ipv4
  route-target export 196:1
  route-target import 196:1
 exit-address-family
 !
 address-family ipv6
  route-target export 196:1
  route-target import 196:1
 exit-address-family
!
vrf definition cust97
 rd 197:1
 !
 address-family ipv4
  route-target export 197:1
  route-target import 197:1
 exit-address-family
 !
 address-family ipv6
  route-target export 197:1
  route-target import 197:1
 exit-address-family
!
vrf definition cust98
 rd 198:1
 !
 address-family ipv4
  route-target export 198:1
  route-target import 198:1
 exit-address-family
 !
 address-family ipv6
  route-target export 198:1
  route-target import 198:1
 exit-address-family
!
vrf definition cust99
 rd 199:1
 !
 address-family ipv4
  route-target export 199:1
  route-target import 199:1
 exit-address-family
 !
 address-family ipv6
  route-target export 199:1
```

```
  route-target import 199:1
 exit-address-family
!
logging count
logging queue-limit 10000
aaa new-model
!
!
aaa group server tacacs+ mgmt
 ip vrf forwarding Mgmt-intf
 ip tacacs source-interface GigabitEthernet0
!
aaa authentication login default local
aaa authentication enable default enable
aaa authorization console
aaa authorization exec default local
!
!
aaa session-id common
clock timezone IST 5 30
!
!
subscriber service multiple-accept
subscriber templating
subscriber session auto-service-fail-ignore
!
ip multicast-routing distributed
ip multicast-routing vrf cust1 distributed
ip host vbond1 70.70.70.125
ip name-server 72.163.128.140 171.70.168.183
ip domain lookup source-interface TenGigabitEthernet0/1/3
ip domain name cisco.com
!
!
!
!
!
!
!
!
!
!
!
login on-success log
login password-warning-interval years 89
login password-warning-interval seconds 49
login password-warning-interval hours 22
login password-warning-interval months 10
login password-warning-interval minutes 49
login password-warning-interval days 29
login password-reuse-interval 364
!
!
!
!
!
ipv6 source-route
ipv6 nd cache expire refresh
ipv6 unicast-routing
!
!
!
!
!
```

```
!
avc sd-service
 segment cisco
 controller
  address 192.168.14.5
  source-interface TenGigabitEthernet0/1/0.1
 !
!
!
flow record FNF-record
 match application name account-on-resolution
 match flow cts destination group-tag
 match flow cts source group-tag
 match flow direction
 match flow sampler
 match interface input
 match interface output
 match ipv4 destination address
 match ipv4 protocol
 match ipv4 source address
 match ipv4 tos
 match ipv4 version
 match routing vrf input
 match transport destination-port
 match transport source-port
 collect counter bytes
 collect counter packets
 collect ipv4 dscp
 collect ipv4 ttl maximum
 collect ipv4 ttl minimum
 collect routing next-hop address ipv4
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
 collect transport tcp flags
!
!
flow record FNF-record-IPv6
 match flow cts destination group-tag
 match flow cts source group-tag
 match flow direction
 match flow sampler
 match interface input
 match ipv6 destination address
 match ipv6 protocol
 match ipv6 source address
 match ipv6 traffic-class
 match routing vrf input
 match transport destination-port
 match transport source-port
 collect counter bytes
 collect counter packets
 collect interface output
 collect transport tcp flags
!
!
flow record sdrouting-test
 match flow observation point
 match ipv4 dscp
 match ipv4 version
 collect interface input snmp
 collect ipv4 destination address
 collect ipv4 source address
 collect ipv4 source prefix
 collect routing destination as peer
```

```
 collect routing next-hop address ipv4 bgp
 collect routing source as 4-octet
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
 collect transport tcp flags ack
!
!
flow record FNF-record-cli-hardening
 description this is for cli hardinging test
 match flow cts destination group-tag
 match flow cts source group-tag
 match flow sampler
 match interface output snmp
 match routing vrf input
 collect ipv4 dscp
 collect ipv4 id
 collect ipv4 tos
 collect timestamp absolute first
 collect timestamp absolute last
!
!
flow exporter 10.104.45.124
 destination 10.104.45.124
!
!
flow exporter EXPORTER-1
 destination 10.104.45.174
 dscp 48
 transport udp 9995
 template data timeout 60
!
!
flow exporter sdrouting-export
 destination local controller
!
!
flow exporter exporter-cli-hardening
 description this is for cli hardening
 destination 10.104.45.174
 source TenGigabitEthernet0/1/0
 dscp 15
 export-protocol ipfix
 template data timeout 86000
 option interface-table timeout 85000
 option exporter-stats timeout 86000
 option vrf-table timeout 86000
 option sampler-table timeout 86000
!
!
flow monitor FNF-IPv6
 exporter EXPORTER-1
 cache timeout active 60
 cache timeout update 60
 statistics packet size
 record FNF-record-IPv6
!
!
flow monitor FNF-monitor
 exporter EXPORTER-1
 cache timeout active 60
 statistics packet size
 record FNF-record
!
!
```

```
flow monitor sdrouting-monitor
 record netflow ipv4 original-output peer
!
!
flow monitor test
!
!
flow monitor FNF-monitor-cli-hardening
 cache entries 6677
 statistics packet protocol
 statistics packet size
!
sampler 10
 mode random 1 out-of 35
!
!
!
crypto pki trustpoint TP-self-signed-3140456241
 enrollment selfsigned
 subject-name cn=IOS-Self-Signed-Certificate-3140456241
 revocation-check none
 rsakeypair TP-self-signed-3140456241
 hash sha256
!
crypto pki trustpoint SLA-TrustPoint
 enrollment terminal
 revocation-check crl
 hash sha256
!
crypto pki trustpoint CA_SERVER
 enrollment url http://11.3.6.10:80
 serial-number
 subject-name cn=cisco1.cisco.com
 subject-alt-name cisco1.cisco.com
 vrf Mgmt-intf
 revocation-check crl
 rsakeypair cisco3key 4096
 hash sha256
!
!
crypto pki certificate chain TP-self-signed-3140456241
 certificate self-signed 01
  30820330 30820218 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  31312F30 2D060355 04030C26 494F532D 53656C66 2D536967 6E65642D 43657274
  69666963 6174652D 33313430 34353632 3431301E 170D3233 31323238 30353434
  31345A17 0D333331 32323730 35343431 345A3031 312F302D 06035504 030C2649
  4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D33 31343034
  35363234 31308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201
  0A028201 010095C7 9DF5168B BE7A3796 834B0697 AA1954EC 4BC9351D D4D8776B
  8BE645FD A1F760FB 5B74249C C7829C3B B9FF734D 90D560CD 1CAC2FBB E43D32F9
  DF5B2686 42659ED6 63DD3E8A C0149BF4 3AEEABB6 1181890E 3BEF8781 E83913F4
  FEB2491A 18385CCA 200B2247 7C81B5EC 824FCBAA E20E28C1 3E6CEBC1 CB2F63AB
  55E74724 EC34B440 5CDDD3C0 A07CB33A 06516D06 1F856DC1 F9D3ABF9 4E885A1A
  D844B1FD AEA80772 E8F39727 FA392FCA AEE9ACD8 6380BC13 E59AB91E AE4A9143
  BBE888D7 633B17E6 8CBEAD43 0B0CA82C E7992DF0 CAD27699 3AD930DA D4330608
  9938B43B D4577793 913527DC 2EF4D4BD 7024FA5B 2FCA1260 9B3E4D5F 0354D6B6
  D3EFE7CF 800F0203 010001A3 53305130 1D060355 1D0E0416 0414E3A4 332B3414
  CF44D55C F97711C8 B015DDB6 9A16301F 0603551D 23041830 168014E3 A4332B34
  14CF44D5 5CF97711 C8B015DD B69A1630 0F060355 1D130101 FF040530 030101FF
  300D0609 2A864886 F70D0101 0B050003 82010100 533EB02F A5D47FED 7D07ABCD
  F0FD75E2 29B1C422 E0478941 BE10BF04 8B1500C6 68DA18B2 8F655257 D774CD1C
  BBD1791E 7F6C8137 A93037ED DE8D5FBB 2D2A07AC 376CC065 95438C9E 87E90D31
  C11184AE 5834708F 397796F1 44AE2173 B16AF426 43F1A879 DD29A964 BE0244CE
  891A88DC B627A74D 8BF260BD 9889D573 D22F4512 EDCF59A9 FBBD4403 E0FAB15B
```

```
  99BE8880 7F5ED21D BC3A8C3A 35B90B3C 51EB573F 32FAA03B 3FF73E4A DBC24320
  CA78D705 85E673EF E7B55664 637C796F F203D478 AFE73857 56DC2890 7F061C1E
  FED309BD 3EE312C9 11CBFDE8 A677EEA6 0A0E8170 DA4F8D56 BE3C6C39 13094994
  6F9966EE 9FADF95D 3F3FCE47 9CB0C360 70ABC55B
   quit
crypto pki certificate chain SLA-TrustPoint
 certificate ca 01
  3082031B 30820203 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  2F310E30 0C060355 040A1305 43697363 6F311D30 1B060355 04031314 4C696365
  6E73696E 6720526F 6F74202D 20444556 301E170D 31333034 32343231 35353433
  5A170D33 33303432 34323135 3534335A 302F310E 300C0603 55040A13 05436973
  636F311D 301B0603 55040313 144C6963 656E7369 6E672052 6F6F7420 2D204445
  56308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201 0A028201
  01009C56 7101D61E DF2EBCC3 BA7AE0DB B241B3B4 328A9B00 EB8A80D0 2AA86F5E
  F1AEBFDE B67BD6AD 7DAD7B43 F582753B FFCC1CA5 A7841A07 6934D3AF 99078EF6
  179196FA 4FB3F2ED 3942C756 BF1CA0A9 CC98A7A7 F9E43724 D9E61D47 89E9E792
  DD9F27B4 517C2BDE D0EB5B9A 787BA085 D9BBF003 F0563BE0 A4450C8F 127B5583
  3EBC1385 2D9BAD98 68D3AE07 5C27987C 6B814B99 0686B14A 5F61753C 813089E6
  AEC48C68 F6D45267 0E365F44 B4456E11 96DCB950 233C8ADB 9FEEBAF1 2B5F3BB6
  7CE521B5 F277EBF6 03B7B0A4 958C9C7D 5460C20B CF9CCFC7 14B80F58 B5268947
  6D081172 26916B41 FB07DF42 EB9B9408 EC346138 23FBD8C4 19909697 A30845F3
  01C50203 010001A3 42304030 0E060355 1D0F0101 FF040403 02010630 0F060355
  1D130101 FF040530 030101FF 301D0603 551D0E04 16041443 214521B5 FB217A1A
  4D1BB702 36E664CB EC8B6530 0D06092A 864886F7 0D01010B 05000382 01010085
  F1B1F2AE AE7D2F9C AB0351C3 29E3F1AE 982DF11F 5E3C90F6 00B3CDED 5A1491FB
  DF07E06C AA0F4325 9FB4C4AE 2080F675 8C3B7AC5 4EAAA03E C5B50A2F 670AFF87
  EDA6462F CFC43967 C024AB32 EE3CCDCF A04B9DAE 1BBABBDA C8DF5587 CF51CB1C
  005A282F 8B518A5A 8C6F9B3C AABA3446 32EF3A75 C2F45450 7A9BCFD3 0C8BE54A
  11872DE0 CF1200D0 D1018FD9 AC685968 167E421C 9BC394ED 9BC85463 83B28146
  07B2BDED DFC1605B 4D16007B 68723E25 55908512 4EEB0A70 B2A74C2A CB1EC882
  C3215B87 6FC74304 241E59D7 C7C02C6D BD3042F5 196E8133 7A4446A4 81216E70
  CF52CF22 50A7D23E FA9F6B07 FB0F6386 9DCC3BBC 65250693 38CF6BA6 CB8EFD
   quit
crypto pki certificate chain CA_SERVER
 certificate 0207
  3082046D 30820355 A0030201 02020202 07300D06 092A8648 86F70D01 010B0500
  30323111 300F0603 55040B13 084D4143 53454344 54311D30 1B060355 04031314
  4341312E 6D616373 65632E63 6973636F 2E636F6D 301E170D 32343036 30353038
  33323234 5A170D32 35303630 35303833 3232345A 30533119 30170603 55040313
  10636973 636F312E 63697363 6F2E636F 6D313630 12060355 0405130B 4A414432
  33323430 484C3330 2006092A 864886F7 0D010902 1613474D 2D467567 617A692E
  63697363 6F2E636F 6D308202 22300D06 092A8648 86F70D01 01010500 0382020F
  00308202 0A028202 01008A46 92F93EEC C2E583FB 86A2BA4B 79D81B80 6A35F62F
  8C273055 77BF9317 38B5BA36 F0249837 87A72F0C 38428C58 28C61B22 AAF6CB07
  936B12CE E986B79D 14D8BA90 253D4601 AD545A61 711D6474 2E6DCD97 9DA37DD8
  2BB4299D C6A6CA49 FA4D57F2 C8D26725 93B77A6D 914A2ABA 149D3102 6C4A9D94
  4C33F7B5 C040EE8B 24B0AB94 0AE9FED5 26F336FF 0536F561 DBC9EBB9 E2E51E14
  F2D10209 F5098C29 420C4BDF 2813B1B8 3532B061 058D11DE CEE50311 B2ED4D5C
  76A13F69 669E370E 59AFF155 9AFB25FE 3F54D4AF E0AEF50F 248FB7E3 1C0D8B5D
  6C0BDB0D 2631FF3D 5AC4D683 02F498F7 0F040562 B9EF551D 7C535D0E 850602F5
  AA34CB6D 6EED926D CD11EE82 356E8F8C 89824F6C F15C85E0 9F1FCCE3 65A52C66
  07D4BC5A 17273B96 134CAF16 CC18F9F9 709EDC51 878532A7 390A012B AECE36D9
  D19A13AE 8A309798 0E782C55 211A7A73 E5951CE9 D64F8C75 6B62D88B C6305500
  CF91F260 2D27E5B4 43208C54 70EF2C0E 2401F318 D945E683 13DF2381 AD628D2D
  32F1B2F0 8BE6F4F4 5C546308 D9909199 C9BB1D98 0D2E27C3 491C230C 80D8984B
  77130DEE 51BA1FA6 A475682B 744643C2 36C1B765 E52DA3DF CEBCFED9 3DCBF89E
  7A8C7B0F 7272D06B 2E7109ED 871027E6 9F245B5E 24ACDF12 5CB56863 2AE15708
  25E4E4AE 8284D81E 452604BB 2EB0ADDD 6F21CB0F 8A45D9A8 9361650F 944CB747
  49F824D7 FCF9E8BA 017F0203 010001A3 6C306A30 0B060355 1D0F0404 030205A0
  301B0603 551D1104 14301282 10636973 636F312E 63697363 6F2E636F 6D301F06
  03551D23 04183016 80144F17 A63A9E35 1FAD25A7 D2736B49 D4EDA07B 3BD6301D
  0603551D 0E041604 14849531 8D6D349E AC16C72F 4960DA67 F9DA6595 2E300D06
  092A8648 86F70D01 010B0500 03820101 00232088 51348F60 148B8735 DA17F3DD
  23CD2898 0AD32B37 677C906D 10B59C62 89C32B76 0B5B41B4 F6BB8213 7D74030E
```

```
  BD2297E8 01330202 049B5039 10C5F6DB 0D3FF860 2F247A8A B889E3CF B2E608BC
  75E5765B E628674F 2DF20855 4F42677C 77A08092 2B1F463B 952DDE8E 513E6A81
  6ABAE0A9 838ACC2C C32EADB1 CFB607D0 423228EE AC6D760C 95A3A8D5 6F7B0F82
  59DBC33D ADE7B52B B8A85A52 5E234522 2E73F9DF F614D10A 63336778 2203DB48
  459926E4 71CBC3EC C327784C 12BC5232 2E15C85E B9035476 04A1D52E D591B04C
  4AC957A2 8542F34F AEA1335F 7090F5DC 59B15CDC 04606E82 51D1A5DB 1CC6188A
  4D95336E 8A8686A2 7EC9AACF 55E186D1 DB
   quit
 certificate ca 01
  30820342 3082022A A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32311130 0F060355 040B1308 4D414353 45434454 311D301B 06035504 03131443
  41312E6D 61637365 632E6369 73636F2E 636F6D30 1E170D32 33313032 31303634
  3733355A 170D3236 31303230 30363437 33355A30 32311130 0F060355 040B1308
  4D414353 45434454 311D301B 06035504 03131443 41312E6D 61637365 632E6369
  73636F2E 636F6D30 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 8D0A804C 5DDA17D4 D900E751 18B8A7DC A250DAD3 B81E78F2
  D6143A51 590E8D9B 12D3CD2C 2C5E0552 D541486C 3E314319 A0053048 38EC0C19
  66983A6A 3D8FF654 611C61BA F9616B1F C86CC2EE 6DB2DCA5 048009F5 38972032
  F4A29685 989008E5 90E6FA05 86630E47 D05A6FB8 0EF7A243 2CD69ECE 21921403
  5126012D ECB211A5 561F732E 5355478C 33B325CD 63E625B9 5216308D A3EB96D8
  953872EE 1ED1AC8F 9904AF9D 46ECBBBA B4AC90E2 3BFFC0EA 48BF1FB4 35F84396
  88013F3D 5F0DFEC4 C4818BBF 7A64BF7B 61181CA7 3B19260C 5CB81EBD B1323E3D
  C01CA69F 1BAF7A6E E56CD8AB 0F4A4B25 06D4E0F3 4E117481 C6087831 CA4090E8
  B191244E 4B815433 02030100 01A36330 61300F06 03551D13 0101FF04 05300301
  01FF300E 0603551D 0F0101FF 04040302 0186301F 0603551D 23041830 1680144F
  17A63A9E 351FAD25 A7D2736B 49D4EDA0 7B3BD630 1D060355 1D0E0416 04144F17
  A63A9E35 1FAD25A7 D2736B49 D4EDA07B 3BD6300D 06092A86 4886F70D 01010B05
  00038201 01000239 E2CE1270 9DD72ADE 5D853D95 175EEFB1 E7B825F6 4A221236
  C6532B0A 5529415F 29DD05F0 44F76DEA B8EE9463 F047091B 1F9371D5 D39FC812
  2C0CDCDD 1504A4FF 1B609AA7 BD9C905F 5A66837B E6710395 374E77FC 5BA526E3
  A3A94ADA 01A3CA0C 05FD646E 74A5E420 ADA63049 690E6F34 6633EE7D 42423C43
  0ADD84D8 5981A14B 4CF30804 E6DE5154 FDDB44AE 02FA1975 D91505D3 E3C33172
  4A72A830 3E24AC4C BA842CC7 D240642A 1A58A666 18BDAC9B 2947778F 7CEAA09E
  16245BC7 AAAB62AC D41F8367 03E9A0A2 39377AF4 A97072A6 2C2F0077 8AF1B608
  52F45246 9F9485BC 342DA05A 1085A764 BBA5AE5B 7C46332C 6492889E 32619BDF
  EFE649E3 D443
   quit
!
!
!
!
!
!
!
!
!
license udi pid C8500L-8S4X sn JAD23240HL3
license accept end user agreement
license boot level network-advantage
license smart url https://smartreceiver-stage.cisco.com/licservice/license
license smart url smart https://smartreceiver-stage.cisco.com/licservice/license
license smart transport smart
!
memory free low-watermark processor 637721
diagnostic bootup level minimal
!
spanning-tree extend system-id
!
!
enable password 7 <removed>
!
username admin privilege 15 secret 9
$9$PSlkFl7oqMoQBE$cpeqITQ6XgUkxXzR7dhCtqrXXGD/owBl/NRdvf6XZBo
username lab privilege 15 password 7 <removed>
```

```
!
redundancy
 mode none
!
!
!
crypto ikev2 proposal gikev2-proposal
 encryption aes-cbc-128
 integrity sha512
 group 19
!
crypto ikev2 policy gikev2-policy
 match fvrf any
 proposal gikev2-proposal
!
!
crypto ikev2 profile default
 match fvrf any
 match identity remote any
 authentication remote rsa-sig
 authentication local rsa-sig
!
crypto ikev2 profile get-gikev2
 match identity remote any
 authentication remote pre-share key cisco123
 authentication local pre-share key cisco123
 lifetime 120
!
crypto ikev2 profile gikev2-profile
 match fvrf any
 match identity remote address 0.0.0.0
 authentication remote rsa-sig
 authentication local rsa-sig
 pki trustpoint CA_SERVER
 lifetime 600
 no lifetime certificate
!
crypto ikev2 limit max-in-negotation-sa 1000
!
!
!
!
track 99 stub-object
!
track 100 stub-object
!
track 200 ip sla 20 reachability
!
track 201 ip sla 30 reachability
!
track 205 ip sla 50 reachability
!
track 206 ip sla 51 reachability
!
track 300 ip sla 202 state
 delay down 50
!
class-map match-any class-COS2V-RTP
 match protocol ftp
 match protocol https
class-map match-any be
 match precedence 0
class-map match-any data1
 match precedence 3
```

```
class-map match-any data2
 match precedence 2
class-map match-any voice
 match precedence 5
class-map match-any net
 match precedence 6  7
!
policy-map bw600-out-1
 class net
  bandwidth percent 4
 class voice
  priority percent 10
 class data1
  bandwidth percent 40
 class data2
  bandwidth percent 20
 class be
  bandwidth percent 25
policy-map limit-bw600-out-1-8004-905
 class class-default
  shape average 9089300000 36357200 0
  service-policy bw600-out-1
policy-map QOS-00000-LIMIT_CUSTOMER_IN
 class data1
  police cir 9000000000
   conform-action transmit
   exceed-action transmit
 class class-default
  police cir 9000000000
   conform-action transmit
   exceed-action drop
!
!
!
!
!
!
!
crypto isakmp policy 10
 encryption aes 256
 hash sha
 group 14
!
crypto isakmp policy 20
 encryption aes 256
 hash sha
 group 14
 lifetime 60
crypto isakmp key cisco123 address 30.0.0.0
crypto isakmp key cisco123 address 33.0.0.0
crypto isakmp key cisco123 address 0.0.0.0
crypto isakmp identity dn
!
crypto ipsec security-association replay disable
crypto ipsec security-association replay window-size 1024
!
!
!
crypto gkm group bw6000_gike
 identity number 1000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 client recovery-check interval 300
```

```
 client protocol gikev2 gikev2-profile
!
crypto gkm group ipv6 bw600-IPV6_gike
 identity number 1100
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw-suiteB
 identity number 2001
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw6000
 identity number 6000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw600-IPV6
 identity number 6600
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
 client fail-close revert
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw-suiteB-v6
 identity number 2002
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
 client fail-close revert
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw600-IPV6_eft
 identity number 2233
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
!
crypto gdoi group b6000
 ! Incomplete GDOI Group Configuration
 ! No Group Identity Configured
 ! No server type configured
!
crypto gdoi group bw6000_eft
 identity number 1122
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
!
!
crypto map ipv6 bw-suiteB-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 bw-suiteB-IPV6-map gdoi fail-close
```

```
 match address fc_revert_ipv6
 activate
crypto map ipv6 bw-suiteB-IPV6-map 10 gdoi
 set group bw-suiteB-v6
!
crypto map bw-suiteB-map 10 gdoi
 set group bw-suiteB
 match address fc_revert_ipv4
!
crypto map ipv6 getvpn-bw600-IPV6 gdoi fail-close
 match address fc_revert_ipv6
crypto map ipv6 getvpn-bw600-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 getvpn-bw600-IPV6_eft 10 gdoi
 set group bw600-IPV6_eft
!
crypto map ipv6 getvpn-bw600-IPV6_gike 10 gdoi
 set group bw600-IPV6_gike
!
crypto map getvpn-bw6000 gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map getvpn-bw6000 10 gdoi
 set group bw6000
!
crypto map getvpn-bw6000_gike 10 gdoi
 set group bw6000_gike
!
crypto map suiteB-map gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map suiteB-map 10 gdoi
 set group bw-suiteB
!
!
buffers huge size 65535
!
!
!
!
!
!
interface Loopback1001
 ip address <removed>
!
interface Port-channel1
 no ip address
 ip summary-address eigrp 1 200.1.1.0 255.255.255.0
 ip ospf message-digest-key 7 md5 7 044F0E151B
 ip ospf shutdown
 no negotiation auto
 port-channel bfd destination ipv4 200.1.1.1 test
 lacp min-bundle 4
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0
 ip address <removed>
 negotiation auto
 macro description This is for macro description add | "This is for macro description add"
!
interface GigabitEthernet0/0/1
 no ip address
 negotiation auto
```

```
!
interface GigabitEthernet0/0/2
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/3
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/4
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/5
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/6
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/7
 no ip address
 negotiation auto
!
interface TenGigabitEthernet0/1/0
 no ip address
!
interface TenGigabitEthernet0/1/0.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
 ip pim sparse-mode
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 ipv6 crypto map getvpn-bw600-IPV6
 crypto map getvpn-bw6000
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
```

```
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.9
 encapsulation dot1Q 10
```

```
 vrf forwarding cust9
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface TenGigabitEthernet0/1/0.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/1/0.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
```

```
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/0.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1
 no ip address
!
interface TenGigabitEthernet0/1/1.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip pim sparse-mode
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
```

```
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
```

```
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface TenGigabitEthernet0/1/1.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.15
 encapsulation dot1Q 16
 vrf forwarding cust15
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface TenGigabitEthernet0/1/1.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface TenGigabitEthernet0/1/1.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.61
```

```
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.70
 encapsulation dot1Q 71
```

```
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.79
 encapsulation dot1Q 80
 vrf forwarding cust79
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/1.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface TenGigabitEthernet0/1/2
 no ip address
 negotiation auto
!
interface TenGigabitEthernet0/1/3
 ip address <removed>
!
interface GigabitEthernet0
 vrf forwarding Mgmt-intf
 ip address <removed>
 negotiation auto
!
!
router eigrp 1
!
router bgp 65061
 bgp router-id 141.1.1.2
 bgp log-neighbor-changes
 !
 address-family ipv4
 exit-address-family
 !
 address-family ipv4 vrf cust1
  redistribute connected
  neighbor 141.1.1.1 remote-as 65000
  neighbor 141.1.1.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust1
  redistribute connected
  neighbor 1410:1::1 remote-as 65000
  neighbor 1410:1::1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust10
  redistribute connected
  neighbor 141.1.10.1 remote-as 65000
  neighbor 141.1.10.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust10
```

```
 redistribute connected
 neighbor 1410:1::9:1 remote-as 65000
 neighbor 1410:1::9:1 activate
exit-address-family
!
address-family ipv4 vrf cust100
 redistribute connected
 neighbor 141.1.100.1 remote-as 65000
 neighbor 141.1.100.1 activate
exit-address-family
!
address-family ipv6 vrf cust100
 redistribute connected
 neighbor 1410:1::63:1 remote-as 65000
 neighbor 1410:1::63:1 activate
exit-address-family
!
address-family ipv4 vrf cust11
 redistribute connected
 neighbor 141.1.11.1 remote-as 65000
 neighbor 141.1.11.1 activate
exit-address-family
!
address-family ipv6 vrf cust11
 redistribute connected
 neighbor 1410:1::A:1 remote-as 65000
 neighbor 1410:1::A:1 activate
exit-address-family
!
address-family ipv4 vrf cust12
 redistribute connected
 neighbor 141.1.12.1 remote-as 65000
 neighbor 141.1.12.1 activate
exit-address-family
!
address-family ipv6 vrf cust12
 redistribute connected
 neighbor 1410:1::B:1 remote-as 65000
 neighbor 1410:1::B:1 activate
exit-address-family
!
address-family ipv4 vrf cust13
 redistribute connected
 neighbor 141.1.13.1 remote-as 65000
 neighbor 141.1.13.1 activate
exit-address-family
!
address-family ipv6 vrf cust13
 redistribute connected
 neighbor 1410:1::C:1 remote-as 65000
 neighbor 1410:1::C:1 activate
exit-address-family
!
address-family ipv4 vrf cust14
 redistribute connected
 neighbor 141.1.14.1 remote-as 65000
 neighbor 141.1.14.1 activate
exit-address-family
!
address-family ipv6 vrf cust14
 redistribute connected
 neighbor 1410:1::D:1 remote-as 65000
 neighbor 1410:1::D:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust15
 redistribute connected
 neighbor 141.1.15.1 remote-as 65000
 neighbor 141.1.15.1 activate
exit-address-family
!
address-family ipv6 vrf cust15
 redistribute connected
 neighbor 1410:1::E:1 remote-as 65000
 neighbor 1410:1::E:1 activate
exit-address-family
!
address-family ipv4 vrf cust16
 redistribute connected
 neighbor 141.1.16.1 remote-as 65000
 neighbor 141.1.16.1 activate
exit-address-family
!
address-family ipv6 vrf cust16
 redistribute connected
 neighbor 1410:1::F:1 remote-as 65000
 neighbor 1410:1::F:1 activate
exit-address-family
!
address-family ipv4 vrf cust17
 redistribute connected
 neighbor 141.1.17.1 remote-as 65000
 neighbor 141.1.17.1 activate
exit-address-family
!
address-family ipv6 vrf cust17
 redistribute connected
 neighbor 1410:1::10:1 remote-as 65000
 neighbor 1410:1::10:1 activate
exit-address-family
!
address-family ipv4 vrf cust18
 redistribute connected
 neighbor 141.1.18.1 remote-as 65000
 neighbor 141.1.18.1 activate
exit-address-family
!
address-family ipv6 vrf cust18
 redistribute connected
 neighbor 1410:1::11:1 remote-as 65000
 neighbor 1410:1::11:1 activate
exit-address-family
!
address-family ipv4 vrf cust19
 redistribute connected
 neighbor 141.1.19.1 remote-as 65000
 neighbor 141.1.19.1 activate
exit-address-family
!
address-family ipv6 vrf cust19
 redistribute connected
 neighbor 1410:1::12:1 remote-as 65000
 neighbor 1410:1::12:1 activate
exit-address-family
!
address-family ipv4 vrf cust2
 redistribute connected
 neighbor 141.1.2.1 remote-as 65000
```

```
 neighbor 141.1.2.1 activate
exit-address-family
!
address-family ipv6 vrf cust2
 redistribute connected
 neighbor 1410:1::1:1 remote-as 65000
 neighbor 1410:1::1:1 activate
exit-address-family
!
address-family ipv4 vrf cust20
 redistribute connected
 neighbor 141.1.20.1 remote-as 65000
 neighbor 141.1.20.1 activate
exit-address-family
!
address-family ipv6 vrf cust20
 redistribute connected
 neighbor 1410:1::13:1 remote-as 65000
 neighbor 1410:1::13:1 activate
exit-address-family
!
address-family ipv4 vrf cust21
 redistribute connected
 neighbor 141.1.21.1 remote-as 65000
 neighbor 141.1.21.1 activate
exit-address-family
!
address-family ipv6 vrf cust21
 redistribute connected
 neighbor 1410:1::14:1 remote-as 65000
 neighbor 1410:1::14:1 activate
exit-address-family
!
address-family ipv4 vrf cust22
 redistribute connected
 neighbor 141.1.22.1 remote-as 65000
 neighbor 141.1.22.1 activate
exit-address-family
!
address-family ipv6 vrf cust22
 redistribute connected
 neighbor 1410:1::15:1 remote-as 65000
 neighbor 1410:1::15:1 activate
exit-address-family
!
address-family ipv4 vrf cust23
 redistribute connected
 neighbor 141.1.23.1 remote-as 65000
 neighbor 141.1.23.1 activate
exit-address-family
!
address-family ipv6 vrf cust23
 redistribute connected
 neighbor 1410:1::16:1 remote-as 65000
 neighbor 1410:1::16:1 activate
exit-address-family
!
address-family ipv4 vrf cust24
 redistribute connected
 neighbor 141.1.24.1 remote-as 65000
 neighbor 141.1.24.1 activate
exit-address-family
!
address-family ipv6 vrf cust24
```

```
 redistribute connected
 neighbor 1410:1::17:1 remote-as 65000
 neighbor 1410:1::17:1 activate
exit-address-family
!
address-family ipv4 vrf cust25
 redistribute connected
 neighbor 141.1.25.1 remote-as 65000
 neighbor 141.1.25.1 activate
exit-address-family
!
address-family ipv6 vrf cust25
 redistribute connected
 neighbor 1410:1::18:1 remote-as 65000
 neighbor 1410:1::18:1 activate
exit-address-family
!
address-family ipv4 vrf cust26
 redistribute connected
 neighbor 141.1.26.1 remote-as 65000
 neighbor 141.1.26.1 activate
exit-address-family
!
address-family ipv6 vrf cust26
 redistribute connected
 neighbor 1410:1::19:1 remote-as 65000
 neighbor 1410:1::19:1 activate
exit-address-family
!
address-family ipv4 vrf cust27
 redistribute connected
 neighbor 141.1.27.1 remote-as 65000
 neighbor 141.1.27.1 activate
exit-address-family
!
address-family ipv6 vrf cust27
 redistribute connected
 neighbor 1410:1::1A:1 remote-as 65000
 neighbor 1410:1::1A:1 activate
exit-address-family
!
address-family ipv4 vrf cust28
 redistribute connected
 neighbor 141.1.28.1 remote-as 65000
 neighbor 141.1.28.1 activate
exit-address-family
!
address-family ipv6 vrf cust28
 redistribute connected
 neighbor 1410:1::1B:1 remote-as 65000
 neighbor 1410:1::1B:1 activate
exit-address-family
!
address-family ipv4 vrf cust29
 redistribute connected
 neighbor 141.1.29.1 remote-as 65000
 neighbor 141.1.29.1 activate
exit-address-family
!
address-family ipv6 vrf cust29
 redistribute connected
 neighbor 1410:1::1C:1 remote-as 65000
 neighbor 1410:1::1C:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust3
 redistribute connected
 neighbor 141.1.3.1 remote-as 65000
 neighbor 141.1.3.1 activate
exit-address-family
!
address-family ipv6 vrf cust3
 redistribute connected
 neighbor 1410:1::2:1 remote-as 65000
 neighbor 1410:1::2:1 activate
exit-address-family
!
address-family ipv4 vrf cust30
 redistribute connected
 neighbor 141.1.30.1 remote-as 65000
 neighbor 141.1.30.1 activate
exit-address-family
!
address-family ipv6 vrf cust30
 redistribute connected
 neighbor 1410:1::1D:1 remote-as 65000
 neighbor 1410:1::1D:1 activate
exit-address-family
!
address-family ipv4 vrf cust31
 redistribute connected
 neighbor 141.1.31.1 remote-as 65000
 neighbor 141.1.31.1 activate
exit-address-family
!
address-family ipv6 vrf cust31
 redistribute connected
 neighbor 1410:1::1E:1 remote-as 65000
 neighbor 1410:1::1E:1 activate
exit-address-family
!
address-family ipv4 vrf cust32
 redistribute connected
 neighbor 141.1.32.1 remote-as 65000
 neighbor 141.1.32.1 activate
exit-address-family
!
address-family ipv6 vrf cust32
 redistribute connected
 neighbor 1410:1::1F:1 remote-as 65000
 neighbor 1410:1::1F:1 activate
exit-address-family
!
address-family ipv4 vrf cust33
 redistribute connected
 neighbor 141.1.33.1 remote-as 65000
 neighbor 141.1.33.1 activate
exit-address-family
!
address-family ipv6 vrf cust33
 redistribute connected
 neighbor 1410:1::20:1 remote-as 65000
 neighbor 1410:1::20:1 activate
exit-address-family
!
address-family ipv4 vrf cust34
 redistribute connected
 neighbor 141.1.34.1 remote-as 65000
```

```
 neighbor 141.1.34.1 activate
exit-address-family
!
address-family ipv6 vrf cust34
 redistribute connected
 neighbor 1410:1::21:1 remote-as 65000
 neighbor 1410:1::21:1 activate
exit-address-family
!
address-family ipv4 vrf cust35
 redistribute connected
 neighbor 141.1.35.1 remote-as 65000
 neighbor 141.1.35.1 activate
exit-address-family
!
address-family ipv6 vrf cust35
 redistribute connected
 neighbor 1410:1::22:1 remote-as 65000
 neighbor 1410:1::22:1 activate
exit-address-family
!
address-family ipv4 vrf cust36
 redistribute connected
 neighbor 141.1.36.1 remote-as 65000
 neighbor 141.1.36.1 activate
exit-address-family
!
address-family ipv6 vrf cust36
 redistribute connected
 neighbor 1410:1::23:1 remote-as 65000
 neighbor 1410:1::23:1 activate
exit-address-family
!
address-family ipv4 vrf cust37
 redistribute connected
 neighbor 141.1.37.1 remote-as 65000
 neighbor 141.1.37.1 activate
exit-address-family
!
address-family ipv6 vrf cust37
 redistribute connected
 neighbor 1410:1::24:1 remote-as 65000
 neighbor 1410:1::24:1 activate
exit-address-family
!
address-family ipv4 vrf cust38
 redistribute connected
 neighbor 141.1.38.1 remote-as 65000
 neighbor 141.1.38.1 activate
exit-address-family
!
address-family ipv6 vrf cust38
 redistribute connected
 neighbor 1410:1::25:1 remote-as 65000
 neighbor 1410:1::25:1 activate
exit-address-family
!
address-family ipv4 vrf cust39
 redistribute connected
 neighbor 141.1.39.1 remote-as 65000
 neighbor 141.1.39.1 activate
exit-address-family
!
address-family ipv6 vrf cust39
```

```
 redistribute connected
 neighbor 1410:1::26:1 remote-as 65000
 neighbor 1410:1::26:1 activate
exit-address-family
!
address-family ipv4 vrf cust4
 redistribute connected
 neighbor 141.1.4.1 remote-as 65000
 neighbor 141.1.4.1 activate
exit-address-family
!
address-family ipv6 vrf cust4
 redistribute connected
 neighbor 1410:1::3:1 remote-as 65000
 neighbor 1410:1::3:1 activate
exit-address-family
!
address-family ipv4 vrf cust40
 redistribute connected
 neighbor 141.1.40.1 remote-as 65000
 neighbor 141.1.40.1 activate
exit-address-family
!
address-family ipv6 vrf cust40
 redistribute connected
 neighbor 1410:1::27:1 remote-as 65000
 neighbor 1410:1::27:1 activate
exit-address-family
!
address-family ipv4 vrf cust41
 redistribute connected
 neighbor 141.1.41.1 remote-as 65000
 neighbor 141.1.41.1 activate
exit-address-family
!
address-family ipv6 vrf cust41
 redistribute connected
 neighbor 1410:1::28:1 remote-as 65000
 neighbor 1410:1::28:1 activate
exit-address-family
!
address-family ipv4 vrf cust42
 redistribute connected
 neighbor 141.1.42.1 remote-as 65000
 neighbor 141.1.42.1 activate
exit-address-family
!
address-family ipv6 vrf cust42
 redistribute connected
 neighbor 1410:1::29:1 remote-as 65000
 neighbor 1410:1::29:1 activate
exit-address-family
!
address-family ipv4 vrf cust43
 redistribute connected
 neighbor 141.1.43.1 remote-as 65000
 neighbor 141.1.43.1 activate
exit-address-family
!
address-family ipv6 vrf cust43
 redistribute connected
 neighbor 1410:1::2A:1 remote-as 65000
 neighbor 1410:1::2A:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust44
 redistribute connected
 neighbor 141.1.44.1 remote-as 65000
 neighbor 141.1.44.1 activate
exit-address-family
!
address-family ipv6 vrf cust44
 redistribute connected
 neighbor 1410:1::2B:1 remote-as 65000
 neighbor 1410:1::2B:1 activate
exit-address-family
!
address-family ipv4 vrf cust45
 redistribute connected
 neighbor 141.1.45.1 remote-as 65000
 neighbor 141.1.45.1 activate
exit-address-family
!
address-family ipv6 vrf cust45
 redistribute connected
 neighbor 1410:1::2C:1 remote-as 65000
 neighbor 1410:1::2C:1 activate
exit-address-family
!
address-family ipv4 vrf cust46
 redistribute connected
 neighbor 141.1.46.1 remote-as 65000
 neighbor 141.1.46.1 activate
exit-address-family
!
address-family ipv6 vrf cust46
 redistribute connected
 neighbor 1410:1::2D:1 remote-as 65000
 neighbor 1410:1::2D:1 activate
exit-address-family
!
address-family ipv4 vrf cust47
 redistribute connected
 neighbor 141.1.47.1 remote-as 65000
 neighbor 141.1.47.1 activate
exit-address-family
!
address-family ipv6 vrf cust47
 redistribute connected
 neighbor 1410:1::2E:1 remote-as 65000
 neighbor 1410:1::2E:1 activate
exit-address-family
!
address-family ipv4 vrf cust48
 redistribute connected
 neighbor 141.1.48.1 remote-as 65000
 neighbor 141.1.48.1 activate
exit-address-family
!
address-family ipv6 vrf cust48
 redistribute connected
 neighbor 1410:1::2F:1 remote-as 65000
 neighbor 1410:1::2F:1 activate
exit-address-family
!
address-family ipv4 vrf cust49
 redistribute connected
 neighbor 141.1.49.1 remote-as 65000
```

```
 neighbor 141.1.49.1 activate
exit-address-family
!
address-family ipv6 vrf cust49
 redistribute connected
 neighbor 1410:1::30:1 remote-as 65000
 neighbor 1410:1::30:1 activate
exit-address-family
!
address-family ipv4 vrf cust5
 redistribute connected
 neighbor 141.1.5.1 remote-as 65000
 neighbor 141.1.5.1 activate
exit-address-family
!
address-family ipv6 vrf cust5
 redistribute connected
 neighbor 1410:1::4:1 remote-as 65000
 neighbor 1410:1::4:1 activate
exit-address-family
!
address-family ipv4 vrf cust50
 redistribute connected
 neighbor 141.1.50.1 remote-as 65000
 neighbor 141.1.50.1 activate
exit-address-family
!
address-family ipv6 vrf cust50
 redistribute connected
 neighbor 1410:1::31:1 remote-as 65000
 neighbor 1410:1::31:1 activate
exit-address-family
!
address-family ipv4 vrf cust51
 redistribute connected
 neighbor 141.1.51.1 remote-as 65000
 neighbor 141.1.51.1 activate
exit-address-family
!
address-family ipv6 vrf cust51
 redistribute connected
 neighbor 1410:1::32:1 remote-as 65000
 neighbor 1410:1::32:1 activate
exit-address-family
!
address-family ipv4 vrf cust52
 redistribute connected
 neighbor 141.1.52.1 remote-as 65000
 neighbor 141.1.52.1 activate
exit-address-family
!
address-family ipv6 vrf cust52
 redistribute connected
 neighbor 1410:1::33:1 remote-as 65000
 neighbor 1410:1::33:1 activate
exit-address-family
!
address-family ipv4 vrf cust53
 redistribute connected
 neighbor 141.1.53.1 remote-as 65000
 neighbor 141.1.53.1 activate
exit-address-family
!
address-family ipv6 vrf cust53
```

```
 redistribute connected
 neighbor 1410:1::34:1 remote-as 65000
 neighbor 1410:1::34:1 activate
exit-address-family
!
address-family ipv4 vrf cust54
 redistribute connected
 neighbor 141.1.54.1 remote-as 65000
 neighbor 141.1.54.1 activate
exit-address-family
!
address-family ipv6 vrf cust54
 redistribute connected
 neighbor 1410:1::35:1 remote-as 65000
 neighbor 1410:1::35:1 activate
exit-address-family
!
address-family ipv4 vrf cust55
 redistribute connected
 neighbor 141.1.55.1 remote-as 65000
 neighbor 141.1.55.1 activate
exit-address-family
!
address-family ipv6 vrf cust55
 redistribute connected
 neighbor 1410:1::36:1 remote-as 65000
 neighbor 1410:1::36:1 activate
exit-address-family
!
address-family ipv4 vrf cust56
 redistribute connected
 neighbor 141.1.56.1 remote-as 65000
 neighbor 141.1.56.1 activate
exit-address-family
!
address-family ipv6 vrf cust56
 redistribute connected
 neighbor 1410:1::37:1 remote-as 65000
 neighbor 1410:1::37:1 activate
exit-address-family
!
address-family ipv4 vrf cust57
 redistribute connected
 neighbor 141.1.57.1 remote-as 65000
 neighbor 141.1.57.1 activate
exit-address-family
!
address-family ipv6 vrf cust57
 redistribute connected
 neighbor 1410:1::38:1 remote-as 65000
 neighbor 1410:1::38:1 activate
exit-address-family
!
address-family ipv4 vrf cust58
 redistribute connected
 neighbor 141.1.58.1 remote-as 65000
 neighbor 141.1.58.1 activate
exit-address-family
!
address-family ipv6 vrf cust58
 redistribute connected
 neighbor 1410:1::39:1 remote-as 65000
 neighbor 1410:1::39:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust59
 redistribute connected
 neighbor 141.1.59.1 remote-as 65000
 neighbor 141.1.59.1 activate
exit-address-family
!
address-family ipv6 vrf cust59
 redistribute connected
 neighbor 1410:1::3A:1 remote-as 65000
 neighbor 1410:1::3A:1 activate
exit-address-family
!
address-family ipv4 vrf cust6
 redistribute connected
 neighbor 141.1.6.1 remote-as 65000
 neighbor 141.1.6.1 activate
exit-address-family
!
address-family ipv6 vrf cust6
 redistribute connected
 neighbor 1410:1::5:1 remote-as 65000
 neighbor 1410:1::5:1 activate
exit-address-family
!
address-family ipv4 vrf cust60
 redistribute connected
 neighbor 141.1.60.1 remote-as 65000
 neighbor 141.1.60.1 activate
exit-address-family
!
address-family ipv6 vrf cust60
 redistribute connected
 neighbor 1410:1::3B:1 remote-as 65000
 neighbor 1410:1::3B:1 activate
exit-address-family
!
address-family ipv4 vrf cust61
 redistribute connected
 neighbor 141.1.61.1 remote-as 65000
 neighbor 141.1.61.1 activate
exit-address-family
!
address-family ipv6 vrf cust61
 redistribute connected
 neighbor 1410:1::3C:1 remote-as 65000
 neighbor 1410:1::3C:1 activate
exit-address-family
!
address-family ipv4 vrf cust62
 redistribute connected
 neighbor 141.1.62.1 remote-as 65000
 neighbor 141.1.62.1 activate
exit-address-family
!
address-family ipv6 vrf cust62
 redistribute connected
 neighbor 1410:1::3D:1 remote-as 65000
 neighbor 1410:1::3D:1 activate
exit-address-family
!
address-family ipv4 vrf cust63
 redistribute connected
 neighbor 141.1.63.1 remote-as 65000
```

```
 neighbor 141.1.63.1 activate
exit-address-family
!
address-family ipv6 vrf cust63
 redistribute connected
 neighbor 1410:1::3E:1 remote-as 65000
 neighbor 1410:1::3E:1 activate
exit-address-family
!
address-family ipv4 vrf cust64
 redistribute connected
 neighbor 141.1.64.1 remote-as 65000
 neighbor 141.1.64.1 activate
exit-address-family
!
address-family ipv6 vrf cust64
 redistribute connected
 neighbor 1410:1::3F:1 remote-as 65000
 neighbor 1410:1::3F:1 activate
exit-address-family
!
address-family ipv4 vrf cust65
 redistribute connected
 neighbor 141.1.65.1 remote-as 65000
 neighbor 141.1.65.1 activate
exit-address-family
!
address-family ipv6 vrf cust65
 redistribute connected
 neighbor 1410:1::40:1 remote-as 65000
 neighbor 1410:1::40:1 activate
exit-address-family
!
address-family ipv4 vrf cust66
 redistribute connected
 neighbor 141.1.66.1 remote-as 65000
 neighbor 141.1.66.1 activate
exit-address-family
!
address-family ipv6 vrf cust66
 redistribute connected
 neighbor 1410:1::41:1 remote-as 65000
 neighbor 1410:1::41:1 activate
exit-address-family
!
address-family ipv4 vrf cust67
 redistribute connected
 neighbor 141.1.67.1 remote-as 65000
 neighbor 141.1.67.1 activate
exit-address-family
!
address-family ipv6 vrf cust67
 redistribute connected
 neighbor 1410:1::42:1 remote-as 65000
 neighbor 1410:1::42:1 activate
exit-address-family
!
address-family ipv4 vrf cust68
 redistribute connected
 neighbor 141.1.68.1 remote-as 65000
 neighbor 141.1.68.1 activate
exit-address-family
!
address-family ipv6 vrf cust68
```

```
 redistribute connected
 neighbor 1410:1::43:1 remote-as 65000
 neighbor 1410:1::43:1 activate
exit-address-family
!
address-family ipv4 vrf cust69
 redistribute connected
 neighbor 141.1.69.1 remote-as 65000
 neighbor 141.1.69.1 activate
exit-address-family
!
address-family ipv6 vrf cust69
 redistribute connected
 neighbor 1410:1::44:1 remote-as 65000
 neighbor 1410:1::44:1 activate
exit-address-family
!
address-family ipv4 vrf cust7
 redistribute connected
 neighbor 141.1.7.1 remote-as 65000
 neighbor 141.1.7.1 activate
exit-address-family
!
address-family ipv6 vrf cust7
 redistribute connected
 neighbor 1410:1::6:1 remote-as 65000
 neighbor 1410:1::6:1 activate
exit-address-family
!
address-family ipv4 vrf cust70
 redistribute connected
 neighbor 141.1.70.1 remote-as 65000
 neighbor 141.1.70.1 activate
exit-address-family
!
address-family ipv6 vrf cust70
 redistribute connected
 neighbor 1410:1::45:1 remote-as 65000
 neighbor 1410:1::45:1 activate
exit-address-family
!
address-family ipv4 vrf cust71
 redistribute connected
 neighbor 141.1.71.1 remote-as 65000
 neighbor 141.1.71.1 activate
exit-address-family
!
address-family ipv6 vrf cust71
 redistribute connected
 neighbor 1410:1::46:1 remote-as 65000
 neighbor 1410:1::46:1 activate
exit-address-family
!
address-family ipv4 vrf cust72
 redistribute connected
 neighbor 141.1.72.1 remote-as 65000
 neighbor 141.1.72.1 activate
exit-address-family
!
address-family ipv6 vrf cust72
 redistribute connected
 neighbor 1410:1::47:1 remote-as 65000
 neighbor 1410:1::47:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust73
 redistribute connected
 neighbor 141.1.73.1 remote-as 65000
 neighbor 141.1.73.1 activate
exit-address-family
!
address-family ipv6 vrf cust73
 redistribute connected
 neighbor 1410:1::48:1 remote-as 65000
 neighbor 1410:1::48:1 activate
exit-address-family
!
address-family ipv4 vrf cust74
 redistribute connected
 neighbor 141.1.74.1 remote-as 65000
 neighbor 141.1.74.1 activate
exit-address-family
!
address-family ipv6 vrf cust74
 redistribute connected
 neighbor 1410:1::49:1 remote-as 65000
 neighbor 1410:1::49:1 activate
exit-address-family
!
address-family ipv4 vrf cust75
 redistribute connected
 neighbor 141.1.75.1 remote-as 65000
 neighbor 141.1.75.1 activate
exit-address-family
!
address-family ipv6 vrf cust75
 redistribute connected
 neighbor 1410:1::4A:1 remote-as 65000
 neighbor 1410:1::4A:1 activate
exit-address-family
!
address-family ipv4 vrf cust76
 redistribute connected
 neighbor 141.1.76.1 remote-as 65000
 neighbor 141.1.76.1 activate
exit-address-family
!
address-family ipv6 vrf cust76
 redistribute connected
 neighbor 1410:1::4B:1 remote-as 65000
 neighbor 1410:1::4B:1 activate
exit-address-family
!
address-family ipv4 vrf cust77
 redistribute connected
 neighbor 141.1.77.1 remote-as 65000
 neighbor 141.1.77.1 activate
exit-address-family
!
address-family ipv6 vrf cust77
 redistribute connected
 neighbor 1410:1::4C:1 remote-as 65000
 neighbor 1410:1::4C:1 activate
exit-address-family
!
address-family ipv4 vrf cust78
 redistribute connected
 neighbor 141.1.78.1 remote-as 65000
```

```
 neighbor 141.1.78.1 activate
exit-address-family
!
address-family ipv6 vrf cust78
 redistribute connected
 neighbor 1410:1::4D:1 remote-as 65000
 neighbor 1410:1::4D:1 activate
exit-address-family
!
address-family ipv4 vrf cust79
 redistribute connected
 neighbor 141.1.79.1 remote-as 65000
 neighbor 141.1.79.1 activate
exit-address-family
!
address-family ipv6 vrf cust79
 redistribute connected
 neighbor 1410:1::4E:1 remote-as 65000
 neighbor 1410:1::4E:1 activate
exit-address-family
!
address-family ipv4 vrf cust8
 redistribute connected
 neighbor 141.1.8.1 remote-as 65000
 neighbor 141.1.8.1 activate
exit-address-family
!
address-family ipv6 vrf cust8
 redistribute connected
 neighbor 1410:1::7:1 remote-as 65000
 neighbor 1410:1::7:1 activate
exit-address-family
!
address-family ipv4 vrf cust80
 redistribute connected
 neighbor 141.1.80.1 remote-as 65000
 neighbor 141.1.80.1 activate
exit-address-family
!
address-family ipv6 vrf cust80
 redistribute connected
 neighbor 1410:1::4F:1 remote-as 65000
 neighbor 1410:1::4F:1 activate
exit-address-family
!
address-family ipv4 vrf cust81
 redistribute connected
 neighbor 141.1.81.1 remote-as 65000
 neighbor 141.1.81.1 activate
exit-address-family
!
address-family ipv6 vrf cust81
 redistribute connected
 neighbor 1410:1::50:1 remote-as 65000
 neighbor 1410:1::50:1 activate
exit-address-family
!
address-family ipv4 vrf cust82
 redistribute connected
 neighbor 141.1.82.1 remote-as 65000
 neighbor 141.1.82.1 activate
exit-address-family
!
address-family ipv6 vrf cust82
```

```
 redistribute connected
 neighbor 1410:1::51:1 remote-as 65000
 neighbor 1410:1::51:1 activate
exit-address-family
!
address-family ipv4 vrf cust83
 redistribute connected
 neighbor 141.1.83.1 remote-as 65000
 neighbor 141.1.83.1 activate
exit-address-family
!
address-family ipv6 vrf cust83
 redistribute connected
 neighbor 1410:1::52:1 remote-as 65000
 neighbor 1410:1::52:1 activate
exit-address-family
!
address-family ipv4 vrf cust84
 redistribute connected
 neighbor 141.1.84.1 remote-as 65000
 neighbor 141.1.84.1 activate
exit-address-family
!
address-family ipv6 vrf cust84
 redistribute connected
 neighbor 1410:1::53:1 remote-as 65000
 neighbor 1410:1::53:1 activate
exit-address-family
!
address-family ipv4 vrf cust85
 redistribute connected
 neighbor 141.1.85.1 remote-as 65000
 neighbor 141.1.85.1 activate
exit-address-family
!
address-family ipv6 vrf cust85
 redistribute connected
 neighbor 1410:1::54:1 remote-as 65000
 neighbor 1410:1::54:1 activate
exit-address-family
!
address-family ipv4 vrf cust86
 redistribute connected
 neighbor 141.1.86.1 remote-as 65000
 neighbor 141.1.86.1 activate
exit-address-family
!
address-family ipv6 vrf cust86
 redistribute connected
 neighbor 1410:1::55:1 remote-as 65000
 neighbor 1410:1::55:1 activate
exit-address-family
!
address-family ipv4 vrf cust87
 redistribute connected
 neighbor 141.1.87.1 remote-as 65000
 neighbor 141.1.87.1 activate
exit-address-family
!
address-family ipv6 vrf cust87
 redistribute connected
 neighbor 1410:1::56:1 remote-as 65000
 neighbor 1410:1::56:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust88
 redistribute connected
 neighbor 141.1.88.1 remote-as 65000
 neighbor 141.1.88.1 activate
exit-address-family
!
address-family ipv6 vrf cust88
 redistribute connected
 neighbor 1410:1::57:1 remote-as 65000
 neighbor 1410:1::57:1 activate
exit-address-family
!
address-family ipv4 vrf cust89
 redistribute connected
 neighbor 141.1.89.1 remote-as 65000
 neighbor 141.1.89.1 activate
exit-address-family
!
address-family ipv6 vrf cust89
 redistribute connected
 neighbor 1410:1::58:1 remote-as 65000
 neighbor 1410:1::58:1 activate
exit-address-family
!
address-family ipv4 vrf cust9
 redistribute connected
 neighbor 141.1.9.1 remote-as 65000
 neighbor 141.1.9.1 activate
exit-address-family
!
address-family ipv6 vrf cust9
 redistribute connected
 neighbor 1410:1::8:1 remote-as 65000
 neighbor 1410:1::8:1 activate
exit-address-family
!
address-family ipv4 vrf cust90
 redistribute connected
 neighbor 141.1.90.1 remote-as 65000
 neighbor 141.1.90.1 activate
exit-address-family
!
address-family ipv6 vrf cust90
 redistribute connected
 neighbor 1410:1::59:1 remote-as 65000
 neighbor 1410:1::59:1 activate
exit-address-family
!
address-family ipv4 vrf cust91
 redistribute connected
 neighbor 141.1.91.1 remote-as 65000
 neighbor 141.1.91.1 activate
exit-address-family
!
address-family ipv6 vrf cust91
 redistribute connected
 neighbor 1410:1::5A:1 remote-as 65000
 neighbor 1410:1::5A:1 activate
exit-address-family
!
address-family ipv4 vrf cust92
 redistribute connected
 neighbor 141.1.92.1 remote-as 65000
```

```
 neighbor 141.1.92.1 activate
exit-address-family
!
address-family ipv6 vrf cust92
 redistribute connected
 neighbor 1410:1::5B:1 remote-as 65000
 neighbor 1410:1::5B:1 activate
exit-address-family
!
address-family ipv4 vrf cust93
 redistribute connected
 neighbor 141.1.93.1 remote-as 65000
 neighbor 141.1.93.1 activate
exit-address-family
!
address-family ipv6 vrf cust93
 redistribute connected
 neighbor 1410:1::5C:1 remote-as 65000
 neighbor 1410:1::5C:1 activate
exit-address-family
!
address-family ipv4 vrf cust94
 redistribute connected
 neighbor 141.1.94.1 remote-as 65000
 neighbor 141.1.94.1 activate
exit-address-family
!
address-family ipv6 vrf cust94
 redistribute connected
 neighbor 1410:1::5D:1 remote-as 65000
 neighbor 1410:1::5D:1 activate
exit-address-family
!
address-family ipv4 vrf cust95
 redistribute connected
 neighbor 141.1.95.1 remote-as 65000
 neighbor 141.1.95.1 activate
exit-address-family
!
address-family ipv6 vrf cust95
 redistribute connected
 neighbor 1410:1::5E:1 remote-as 65000
 neighbor 1410:1::5E:1 activate
exit-address-family
!
address-family ipv4 vrf cust96
 redistribute connected
 neighbor 141.1.96.1 remote-as 65000
 neighbor 141.1.96.1 activate
exit-address-family
!
address-family ipv6 vrf cust96
 redistribute connected
 neighbor 1410:1::5F:1 remote-as 65000
 neighbor 1410:1::5F:1 activate
exit-address-family
!
address-family ipv4 vrf cust97
 redistribute connected
 neighbor 141.1.97.1 remote-as 65000
 neighbor 141.1.97.1 activate
exit-address-family
!
address-family ipv6 vrf cust97
```

```
 redistribute connected
 neighbor 1410:1::60:1 remote-as 65000
 neighbor 1410:1::60:1 activate
exit-address-family
!
address-family ipv4 vrf cust98
 redistribute connected
 neighbor 141.1.98.1 remote-as 65000
 neighbor 141.1.98.1 activate
exit-address-family
!
address-family ipv6 vrf cust98
 redistribute connected
 neighbor 1410:1::61:1 remote-as 65000
 neighbor 1410:1::61:1 activate
exit-address-family
!
address-family ipv4 vrf cust99
 redistribute connected
 neighbor 141.1.99.1 remote-as 65000
 neighbor 141.1.99.1 activate
exit-address-family
!
address-family ipv6 vrf cust99
 redistribute connected
 neighbor 1410:1::62:1 remote-as 65000
 neighbor 1410:1::62:1 activate
exit-address-family
!
ip forward-protocol nd
ip forward-protocol udp
!
ip tcp selective-ack
ip tcp mss 1460
ip pim vrf cust1 rp-address 66.0.0.1
ip tftp source-interface GigabitEthernet0
ip tftp blocksize 8192
ip dns server
ip http server
ip http secure-server
ip http client source-interface TenGigabitEthernet0/1/3
ip http client secure-trustpoint SLA-TrustPoint
ip ssh bulk-mode 131072
ip ssh source-interface GigabitEthernet0
ip route 0.0.0.0 0.0.0.0 23.23.1.1
ip route 70.70.0.0 255.255.0.0 101.101.5.1
ip route vrf Mgmt-intf 0.0.0.0 0.0.0.0 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.174 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.220 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.246 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 11.3.0.1
ip route vrf Mgmt-intf 202.153.144.90 255.255.255.255 9.44.0.1
!
ip access-list extended GETVPN-FAILCLOSE-IN-bw600-LAB
 20 permit ip any any
ip access-list extended GETVPN-FAILCLOSE-OUT-bw600-LAB
 10 permit ip any any
ip access-list extended fc_revert_ipv4
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
```

```
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 deny ip any 15.0.0.0 0.255.255.255
 121 deny ip 115.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 122 deny ip 115.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 123 deny ip 117.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 127 deny ip 190.0.0.0 0.255.255.255 225.0.0.0 0.255.255.255
 137 deny ip 190.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 147 deny ip 115.0.0.0 0.255.255.255 126.0.0.0 0.255.255.255
 157 deny ip 126.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 201 deny ip any 224.0.0.0 0.255.255.255
ip access-list extended test1
 10 permit 118 any any
ip radius source-interface GigabitEthernet0
ip sla 20
 udp-jitter 15.0.0.1 16384 source-ip 141.1.1.2 source-port 16384 num-packets 100 interval
10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 20 life forever start-time now
ip sla 30
 udp-jitter 15.0.0.5 16385 source-ip 141.1.1.2 source-port 16385 num-packets 100 interval
10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 30 life forever start-time now
ip sla 50
 udp-jitter 115.1.1.1 16376 source-ip 126.1.1.1 source-port 16376 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 50 life forever start-time now
ip sla 200
 ethernet y1731 delay DMM burst domain cisco vlan 2 mpid 1 cos 1 source mpid 1
ip sla 201
 udp-jitter 15.0.0.1 16322 codec g711alaw codec-numpackets 60000
```

```
  tag get_tag
ip sla 203
 icmp-echo 15.0.0.1 source-ip 141.1.1.2
  request-data-size 55
  threshold 6000
ip sla 204
 icmp-echo 15.0.0.1 source-interface TenGigabitEthernet0/1/0.1
  request-data-size 55
  threshold 6000
ip sla snmp extend tag
ip sla logging traps
ip sla responder
ip sla responder twamp
 timeout 604800
ip sla responder udp-echo ipaddress 15.0.0.1 port 6554
logging trap alerts
logging facility local1
logging host 10.104.45.124
logging host 10.104.45.157
logging host 11.3.6.36 vrf Mgmt-intf transport tcp port 514
snmp-server community DNAC RO
snmp-server community LIVE RW
snmp-server community SNMP RW
snmp-server community public-read RO
snmp-server community public-rw RW
snmp-server trap link switchover
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps vrrp
snmp-server enable traps pfr
snmp-server enable traps flowmon
snmp-server enable traps ds1
snmp-server enable traps entity-perf throughput-notif
snmp-server enable traps call-home message-send-fail server-fail
snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps casa
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps aaa_server
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change
inconsistency
snmp-server enable traps atm subif
snmp-server enable traps sonet
snmp-server enable traps srp
snmp-server enable traps memory bufferpeak
snmp-server enable traps fru-ctrl
snmp-server enable traps entity-qfp mem-res-thresh throughput-notif
snmp-server enable traps entity-sensor
snmp-server enable traps entity-state
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up
snmp-server enable traps ether-oam
snmp-server enable traps resource-policy
snmp-server enable traps ethernet evc status create delete
snmp-server enable traps event-manager
snmp-server enable traps frame-relay
```

```
snmp-server enable traps frame-relay subif
snmp-server enable traps hsrp
snmp-server enable traps dlsw
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps ipmulticast
snmp-server enable traps msdp
snmp-server enable traps mvpn
snmp-server enable traps rsvp
snmp-server enable traps isis
snmp-server enable traps dhcp
snmp-server enable traps ip local pool
snmp-server enable traps isdn call-information
snmp-server enable traps isdn layer2
snmp-server enable traps isdn chan-not-avail
snmp-server enable traps isdn ietf
snmp-server enable traps pki
snmp-server enable traps flash insertion removal lowspace
snmp-server enable traps config
snmp-server enable traps config-ctid
snmp-server enable traps entity
snmp-server enable traps cpu threshold
snmp-server enable traps config-copy
snmp-server enable traps syslog
snmp-server enable traps nhrp nhs
snmp-server enable traps nhrp nhc
snmp-server enable traps nhrp nhp
snmp-server enable traps ospfv3 state-change
snmp-server enable traps ospfv3 errors
snmp-server enable traps adslline
snmp-server enable traps vdsl2line
snmp-server enable traps cnpd
snmp-server enable traps auth-framework sec-violation
snmp-server enable traps pppoe
snmp-server enable traps ipsla
snmp-server enable traps l2tun session
snmp-server enable traps l2tun pseudowire status
snmp-server enable traps pimstdmib neighbor-loss invalid-register invalid-join-prune
rp-mapping-change interface-election
snmp-server enable traps netsync
snmp-server enable traps ptp
snmp-server enable traps lost-ptp-slave
snmp-server enable traps breach-ptp-offset-threshold
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached
scheduled-test-fail
snmp-server enable traps smart-license
snmp-server enable traps bfd
snmp-server enable traps diameter
snmp-server enable traps lisp
snmp-server enable traps mpls rfc ldp
snmp-server enable traps mpls ldp
snmp-server enable traps mpls rfc traffic-eng
snmp-server enable traps mpls traffic-eng
snmp-server enable traps mpls fast-reroute protected
snmp-server enable traps otn
snmp-server enable traps pw vc
snmp-server enable traps dial
snmp-server enable traps dsp card-status
snmp-server enable traps dsp oper-state
snmp-server enable traps dsp video-usage
snmp-server enable traps dsp video-out-of-resource
snmp-server enable traps sbc adj-status
snmp-server enable traps sbc blacklist
snmp-server enable traps sbc congestion-alarm
snmp-server enable traps sbc h248-ctrlr-status
```

```
snmp-server enable traps sbc media-source
snmp-server enable traps sbc radius-conn-status
snmp-server enable traps sbc sla-violation
snmp-server enable traps sbc sla-violation-rev1
snmp-server enable traps sbc svc-state
snmp-server enable traps sbc qos-statistics
snmp-server enable traps firewall serverstatus
snmp-server enable traps frame-relay multilink bundle-mismatch
snmp-server enable traps ike policy add
snmp-server enable traps ike policy delete
snmp-server enable traps ike tunnel start
snmp-server enable traps ike tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps gdoi gm-start-registration
snmp-server enable traps gdoi gm-registration-complete
snmp-server enable traps gdoi gm-re-register
snmp-server enable traps gdoi gm-rekey-rcvd
snmp-server enable traps gdoi gm-rekey-fail
snmp-server enable traps gdoi ks-rekey-pushed
snmp-server enable traps gdoi gm-incomplete-cfg
snmp-server enable traps gdoi ks-no-rsa-keys
snmp-server enable traps gdoi ks-new-registration
snmp-server enable traps gdoi ks-reg-complete
snmp-server enable traps gdoi ks-role-change
snmp-server enable traps gdoi ks-gm-deleted
snmp-server enable traps gdoi ks-peer-reachable
snmp-server enable traps gdoi ks-peer-unreachable
snmp-server enable traps alarms informational
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps ethernet cfm alarm
snmp-server enable traps rf
snmp-server enable traps vrfmib vrf-up vrf-down vnet-trunk-up vnet-trunk-down
snmp-server enable traps transceiver all
snmp-server enable traps mpls vpn
snmp-server enable traps mpls rfc vpn
snmp-server enable traps voice
snmp-server host 10.104.45.246 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server host 11.3.6.36 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server host 10.104.45.124 version 2c public
snmp-server host 10.104.45.157 version 2c public
snmp-server host 10.104.45.124 version 2c public2
snmp-server host 10.104.45.157 version 2c public2
snmp-server manager
!
!
!
!
!
ipv6 access-list GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list PERMIT-ANY-INCOMING-IPv6
 sequence 10 permit ipv6 any any
!
ipv6 access-list fc_revert_ipv6
```

```
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 151 deny ipv6 FE80::/16 FF02::/16
 sequence 152 deny ipv6 FF02::/16 FE80::/16
 sequence 153 deny ipv6 FE00::/8 FE00::/8
 sequence 154 deny ipv6 FF00::/8 FF00::/8
 sequence 160 deny ipv6 1150::/16 1900::/16
 sequence 161 deny ipv6 1900::/16 1150::/16
 sequence 162 deny ipv6 1170::/16 1150::/16
 sequence 170 deny ipv6 1150::/16 1170::/16
 sequence 180 deny ipv6 1150::/16 1260::/16
 sequence 190 deny ipv6 1260::/16 1150::/16
!
control-plane
!
!
!
!
!
!
line con 0
 exec-timeout 0 0
 stopbits 1
line aux 0
line vty 0 4
 password 7 <removed>
 length 0
 transport input all
 transport output all
!
exception crashinfo maximum files 32
monitor drop log urpf
call-home
 ! If contact email address in call-home is configured as sch-smart-licensing@cisco.com
 ! the email address configured in Cisco Smart License Portal will be used as contact email
 address to send SCH notifications.
 contact-email-addr sch-smart-licensing@cisco.com
 profile "CiscoTAC-1"
  active
  destination transport-method http
ntp authentication-key 3344 hmac-sha2-256 094F471A1A0A 7
ntp trusted-key 1
ntp source GigabitEthernet0
ntp master 1
ntp server 171.68.38.65
ntp server vrf Mgmt-intf 9.44.44.65 prefer
ntp server vrf Mgmt-intf 11.3.6.10
ntp server vrf Mgmt-intf 9.44.32.54
!
!
netconf ssh
!
```

```
!
!
!
!
telemetry ietf subscription 294967224
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967225
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967226
 filter xpath /crypto-ios-xe-events:nhrp-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967227
 filter xpath /crypto-ios-xe-events:ike-ipsec-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967228
 filter xpath /crypto-ios-xe-events:ike-ipsec-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967229
 filter xpath /qfp-resource-ios-xe-events:qfp-exmem-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967232
 filter xpath /utd-ios-xe-events:utd-con
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967233
 filter xpath /red-app-events:red-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967234
 filter xpath /sse-ios-xe-events:sse-tunnel-params-absent
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967236
 filter xpath /nat-ios-xe-events:nat-route-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967237
 filter xpath /endpoint-tracker-ios-xe-events:tracker-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967238
 filter xpath /dca-ios-xe-events:dca-change-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967239
 filter xpath /geo-ios-xe-events:geo-db-update-event
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967240
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967241
 filter xpath /appqoe-ios-xe-events:appqoe-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967242
 filter xpath /appqoe-ios-xe-events:appqoe-alarm
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967243
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-expiry
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967244
 filter xpath /line-ios-xe-events:line-state-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967245
 filter xpath /ospf-ios-xe-events:ospfv3-nbr-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967246
 filter xpath /ospf-ios-xe-events:ospfv3-if-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967249
 filter xpath /ios-events-ios-xe-oper:umbrella-dnscrypt-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967250
 filter xpath /ios-events-ios-xe-oper:umbrella-dev-reg-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967251
 filter xpath /ios-events-ios-xe-oper:bridge-interface-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967252
 filter xpath /ios-events-ios-xe-oper:bridge-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967253
 filter xpath /im-events-ios-xe-oper:im-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967254
 filter xpath /ios-events-ios-xe-oper:vrrp-group-state-change
```

```
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967258
 filter xpath /ios-events-ios-xe-oper:usb-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967259
 filter xpath /ios-events-ios-xe-oper:tempsensor-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967260
 filter xpath /ios-events-ios-xe-oper:tempsensor-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967261
 filter xpath /ios-events-ios-xe-oper:system-reboot-issued
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967262
 filter xpath /ios-events-ios-xe-oper:system-reboot-complete
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967263
 filter xpath /ios-events-ios-xe-oper:system-logout-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967264
 filter xpath /ios-events-ios-xe-oper:system-login-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967265
 filter xpath /ios-events-ios-xe-oper:system-aaa-login-fail
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967266
 filter xpath /ios-events-ios-xe-oper:sfp-support-state
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967267
 filter xpath /ios-events-ios-xe-oper:sfp-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967268
```

```
 filter xpath /ios-events-ios-xe-oper:sdcard-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967269
 filter xpath /ios-events-ios-xe-oper:pim-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967270
 filter xpath /ios-events-ios-xe-oper:pim-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967271
 filter xpath /ios-events-ios-xe-oper:pem-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967272
 filter xpath /ios-events-ios-xe-oper:pem-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967273
 filter xpath /ios-events-ios-xe-oper:ospf-neighbor-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967274
 filter xpath /ios-events-ios-xe-oper:ospf-interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967275
 filter xpath /ios-events-ios-xe-oper:memory-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967276
 filter xpath /ios-events-ios-xe-oper:interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967277
 filter xpath /ios-events-ios-xe-oper:interface-admin-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967278
 filter xpath /ios-events-ios-xe-oper:flash-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967279
 filter xpath /ios-events-ios-xe-oper:fib-updates
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967280
 filter xpath /ios-events-ios-xe-oper:fantray-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967281
 filter xpath /ios-events-ios-xe-oper:fan-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
```

```
telemetry ietf subscription 294967282
 filter xpath /ios-events-ios-xe-oper:emmc-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967283
 filter xpath /ios-events-ios-xe-oper:disk-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967284
 filter xpath /ios-events-ios-xe-oper:dhcp-server-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967285
 filter xpath /ios-events-ios-xe-oper:dhcp-address-renewed
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967286
 filter xpath /ios-events-ios-xe-oper:dhcp-address-released
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967287
 filter xpath /ios-events-ios-xe-oper:dhcp-address-rejected
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967288
 filter xpath /ios-events-ios-xe-oper:dhcp-address-assigned
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967289
 filter xpath /ios-events-ios-xe-oper:cpu-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967290
 filter xpath /ios-events-ios-xe-oper:cellular-sim-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967291
 filter xpath /ios-events-ios-xe-oper:cellular-network-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967292
 filter xpath /ios-events-ios-xe-oper:cellular-modem-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967293
 filter xpath /ios-events-ios-xe-oper:bgp-peer-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967294
 filter xpath /ios-events-ios-xe-oper:app-dpi-flows-out-of-memory
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967295
 filter xpath /ios-events-ios-xe-oper:aaa-admin-pwd-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967244
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-status-event
 stream rfc5277
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 2094967245
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967246
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-file-upload-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967253
 filter xpath /im-events-ios-xe-oper:im-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry receiver protocol confd-rfc5277
 host ip-address 0.0.0.0 0
 protocol rfc5277
netconf-yang
netconf-yang feature candidate-datastore
yang-interfaces feature deprecated disable
sd-routing
 no ipv6-strict-control
 organization-name vmng-scale-ind-getvpn
 site-id 201605
 sp-organization-name vmng-scale-ind
 system-ip 223.1.1.5
 vbond name vbond1
 vbond port 12346
 wan-interface GigabitEthernet0/0/0
end
```

WAN Aggregation GETVPN GM12 yang commands

Configuration example for GM12

```
!
! Last configuration change at 08:45:29 IST Tue Dec 3 2024 by admin
!
version 17.16
service timestamps debug datetime msec
service timestamps log datetime localtime
service password-encryption
service internal
service call-home
platform qfp utilization monitor load 80
platform ipreass threshold ipv6 1024
platform hardware throughput crypto 250000
!
hostname gm12-elixir
!
boot-start-marker
boot system bootflash:c1100-universalk9.BLD_V1716_THROTTLE_LATEST_20241122_071016.SSA.bin
! Warning: Booting with bundle mode will be deprecated in the near future. Migration to
install mode is required.
boot-end-marker
!
!
vrf definition cust1
 rd 101:1
 !
 address-family ipv4
  route-target export 101:1
  route-target import 101:1
 exit-address-family
 !
 address-family ipv6
  route-target export 101:1
  route-target import 101:1
 exit-address-family
!
vrf definition cust10
 rd 110:1
 !
 address-family ipv4
  route-target export 110:1
  route-target import 110:1
 exit-address-family
 !
 address-family ipv6
  route-target export 110:1
  route-target import 110:1
 exit-address-family
!
vrf definition cust100
 rd 200:1
 !
 address-family ipv4
  route-target export 200:1
  route-target import 200:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 200:1
  route-target import 200:1
 exit-address-family
!
vrf definition cust11
 rd 111:1
 !
 address-family ipv4
  route-target export 111:1
  route-target import 111:1
 exit-address-family
 !
 address-family ipv6
  route-target export 111:1
  route-target import 111:1
 exit-address-family
!
vrf definition cust12
 rd 112:1
 !
 address-family ipv4
  route-target export 112:1
  route-target import 112:1
 exit-address-family
 !
 address-family ipv6
  route-target export 112:1
  route-target import 112:1
 exit-address-family
!
vrf definition cust13
 rd 113:1
 !
 address-family ipv4
  route-target export 113:1
  route-target import 113:1
 exit-address-family
 !
 address-family ipv6
  route-target export 113:1
  route-target import 113:1
 exit-address-family
!
vrf definition cust14
 rd 114:1
 !
 address-family ipv4
  route-target export 114:1
  route-target import 114:1
 exit-address-family
 !
 address-family ipv6
  route-target export 114:1
  route-target import 114:1
 exit-address-family
!
vrf definition cust15
 rd 115:1
 !
 address-family ipv4
  route-target export 115:1
  route-target import 115:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 115:1
  route-target import 115:1
 exit-address-family
!
vrf definition cust16
 rd 116:1
 !
 address-family ipv4
  route-target export 116:1
  route-target import 116:1
 exit-address-family
 !
 address-family ipv6
  route-target export 116:1
  route-target import 116:1
 exit-address-family
!
vrf definition cust17
 rd 117:1
 !
 address-family ipv4
  route-target export 117:1
  route-target import 117:1
 exit-address-family
 !
 address-family ipv6
  route-target export 117:1
  route-target import 117:1
 exit-address-family
!
vrf definition cust18
 rd 118:1
 !
 address-family ipv4
  route-target export 118:1
  route-target import 118:1
 exit-address-family
 !
 address-family ipv6
  route-target export 118:1
  route-target import 118:1
 exit-address-family
!
vrf definition cust19
 rd 119:1
 !
 address-family ipv4
  route-target export 119:1
  route-target import 119:1
 exit-address-family
 !
 address-family ipv6
  route-target export 119:1
  route-target import 119:1
 exit-address-family
!
vrf definition cust2
 rd 102:1
 !
 address-family ipv4
  route-target export 102:1
  route-target import 102:1
  route-target import 121:1
```

```
 exit-address-family
 !
 address-family ipv6
  route-target export 102:1
  route-target import 102:1
 exit-address-family
!
vrf definition cust20
 rd 120:1
 !
 address-family ipv4
  route-target export 120:1
  route-target import 120:1
 exit-address-family
 !
 address-family ipv6
  route-target export 120:1
  route-target import 120:1
 exit-address-family
!
vrf definition cust21
 rd 121:1
 !
 address-family ipv4
  route-target export 121:1
  route-target import 121:1
 exit-address-family
 !
 address-family ipv6
  route-target export 121:1
  route-target import 121:1
 exit-address-family
!
vrf definition cust22
 rd 122:1
 !
 address-family ipv4
  route-target export 122:1
  route-target import 122:1
 exit-address-family
 !
 address-family ipv6
  route-target export 122:1
  route-target import 122:1
 exit-address-family
!
vrf definition cust23
 rd 123:1
 !
 address-family ipv4
  route-target export 123:1
  route-target import 123:1
 exit-address-family
 !
 address-family ipv6
  route-target export 123:1
  route-target import 123:1
 exit-address-family
!
vrf definition cust24
 rd 124:1
 !
 address-family ipv4
  route-target export 124:1
```

```
  route-target import 124:1
 exit-address-family
 !
 address-family ipv6
  route-target export 124:1
  route-target import 124:1
 exit-address-family
!
vrf definition cust25
 rd 125:1
 !
 address-family ipv4
  route-target export 125:1
  route-target import 125:1
 exit-address-family
 !
 address-family ipv6
  route-target export 125:1
  route-target import 125:1
 exit-address-family
!
vrf definition cust26
 rd 126:1
 !
 address-family ipv4
  route-target export 126:1
  route-target export 101:1
  route-target import 126:1
  route-target import 101:1
 exit-address-family
 !
 address-family ipv6
  route-target export 126:1
  route-target export 101:1
  route-target import 126:1
  route-target import 101:1
 exit-address-family
!
vrf definition cust27
 rd 127:1
 !
 address-family ipv4
  route-target export 127:1
  route-target import 127:1
 exit-address-family
 !
 address-family ipv6
  route-target export 127:1
  route-target import 127:1
 exit-address-family
!
vrf definition cust28
 rd 128:1
 !
 address-family ipv4
  route-target export 128:1
  route-target import 128:1
 exit-address-family
 !
 address-family ipv6
  route-target export 128:1
  route-target import 128:1
 exit-address-family
!
```

```
vrf definition cust29
 rd 129:1
 !
 address-family ipv4
  route-target export 129:1
  route-target import 129:1
 exit-address-family
 !
 address-family ipv6
  route-target export 129:1
  route-target import 129:1
 exit-address-family
!
vrf definition cust3
 rd 103:1
 !
 address-family ipv4
  route-target export 103:1
  route-target import 103:1
 exit-address-family
 !
 address-family ipv6
  route-target export 103:1
  route-target import 103:1
 exit-address-family
!
vrf definition cust30
 rd 130:1
 !
 address-family ipv4
  route-target export 130:1
  route-target import 130:1
 exit-address-family
 !
 address-family ipv6
  route-target export 130:1
  route-target import 130:1
 exit-address-family
!
vrf definition cust31
 rd 131:1
 !
 address-family ipv4
  route-target export 131:1
  route-target import 131:1
 exit-address-family
 !
 address-family ipv6
  route-target export 131:1
  route-target import 131:1
 exit-address-family
!
vrf definition cust32
 rd 132:1
 !
 address-family ipv4
  route-target export 132:1
  route-target import 132:1
 exit-address-family
 !
 address-family ipv6
  route-target export 132:1
  route-target import 132:1
 exit-address-family
```

```
!
vrf definition cust33
 rd 133:1
 !
 address-family ipv4
  route-target export 133:1
  route-target import 133:1
 exit-address-family
 !
 address-family ipv6
  route-target export 133:1
  route-target import 133:1
 exit-address-family
!
vrf definition cust34
 rd 134:1
 !
 address-family ipv4
  route-target export 134:1
  route-target import 134:1
 exit-address-family
 !
 address-family ipv6
  route-target export 134:1
  route-target import 134:1
 exit-address-family
!
vrf definition cust35
 rd 135:1
 !
 address-family ipv4
  route-target export 135:1
  route-target import 135:1
 exit-address-family
 !
 address-family ipv6
  route-target export 135:1
  route-target import 135:1
 exit-address-family
!
vrf definition cust36
 rd 136:1
 !
 address-family ipv4
  route-target export 136:1
  route-target import 136:1
 exit-address-family
 !
 address-family ipv6
  route-target export 136:1
  route-target import 136:1
 exit-address-family
!
vrf definition cust37
 rd 137:1
 !
 address-family ipv4
  route-target export 137:1
  route-target import 137:1
 exit-address-family
 !
 address-family ipv6
  route-target export 137:1
  route-target import 137:1
```

```
 exit-address-family
!
vrf definition cust38
 rd 138:1
 !
 address-family ipv4
  route-target export 138:1
  route-target import 138:1
 exit-address-family
 !
 address-family ipv6
  route-target export 138:1
  route-target import 138:1
 exit-address-family
!
vrf definition cust39
 rd 139:1
 !
 address-family ipv4
  route-target export 139:1
  route-target import 139:1
 exit-address-family
 !
 address-family ipv6
  route-target export 139:1
  route-target import 139:1
 exit-address-family
!
vrf definition cust4
 rd 104:1
 !
 address-family ipv4
  route-target export 104:1
  route-target import 104:1
 exit-address-family
 !
 address-family ipv6
  route-target export 104:1
  route-target import 104:1
 exit-address-family
!
vrf definition cust40
 rd 140:1
 !
 address-family ipv4
  route-target export 140:1
  route-target import 140:1
 exit-address-family
 !
 address-family ipv6
  route-target export 140:1
  route-target import 140:1
 exit-address-family
!
vrf definition cust41
 rd 141:1
 !
 address-family ipv4
  route-target export 141:1
  route-target import 141:1
 exit-address-family
 !
 address-family ipv6
  route-target export 141:1
```

```
  route-target import 141:1
 exit-address-family
!
vrf definition cust42
 rd 142:1
 !
 address-family ipv4
  route-target export 142:1
  route-target import 142:1
 exit-address-family
 !
 address-family ipv6
  route-target export 142:1
  route-target import 142:1
 exit-address-family
!
vrf definition cust43
 rd 143:1
 !
 address-family ipv4
  route-target export 143:1
  route-target import 143:1
 exit-address-family
 !
 address-family ipv6
  route-target export 143:1
  route-target import 143:1
 exit-address-family
!
vrf definition cust44
 rd 144:1
 !
 address-family ipv4
  route-target export 144:1
  route-target import 144:1
 exit-address-family
 !
 address-family ipv6
  route-target export 144:1
  route-target import 144:1
 exit-address-family
!
vrf definition cust45
 rd 145:1
 !
 address-family ipv4
  route-target export 145:1
  route-target import 145:1
 exit-address-family
 !
 address-family ipv6
  route-target export 145:1
  route-target import 145:1
 exit-address-family
!
vrf definition cust46
 rd 146:1
 !
 address-family ipv4
  route-target export 146:1
  route-target import 146:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 146:1
  route-target import 146:1
 exit-address-family
!
vrf definition cust47
 rd 147:1
 !
 address-family ipv4
  route-target export 147:1
  route-target import 147:1
 exit-address-family
 !
 address-family ipv6
  route-target export 147:1
  route-target import 147:1
 exit-address-family
!
vrf definition cust48
 rd 148:1
 !
 address-family ipv4
  route-target export 148:1
  route-target import 148:1
 exit-address-family
 !
 address-family ipv6
  route-target export 148:1
  route-target import 148:1
 exit-address-family
!
vrf definition cust49
 rd 149:1
 !
 address-family ipv4
  route-target export 149:1
  route-target export 105:1
  route-target import 149:1
  route-target import 105:1
 exit-address-family
 !
 address-family ipv6
  route-target export 149:1
  route-target export 105:1
  route-target import 149:1
  route-target import 105:1
 exit-address-family
!
vrf definition cust5
 rd 105:1
 !
 address-family ipv4
  route-target export 105:1
  route-target import 105:1
 exit-address-family
 !
 address-family ipv6
  route-target export 105:1
  route-target import 105:1
 exit-address-family
!
vrf definition cust50
 rd 150:1
 !
 address-family ipv4
```

```
  route-target export 150:1
  route-target import 150:1
 exit-address-family
 !
 address-family ipv6
  route-target export 150:1
  route-target import 150:1
 exit-address-family
!
vrf definition cust51
 rd 151:1
 !
 address-family ipv4
  route-target export 151:1
  route-target import 151:1
 exit-address-family
 !
 address-family ipv6
  route-target export 151:1
  route-target import 151:1
 exit-address-family
!
vrf definition cust52
 rd 152:1
 !
 address-family ipv4
  route-target export 152:1
  route-target import 152:1
 exit-address-family
 !
 address-family ipv6
  route-target export 152:1
  route-target import 152:1
 exit-address-family
!
vrf definition cust53
 rd 153:1
 !
 address-family ipv4
  route-target export 153:1
  route-target import 153:1
 exit-address-family
 !
 address-family ipv6
  route-target export 153:1
  route-target import 153:1
 exit-address-family
!
vrf definition cust54
 rd 154:1
 route-target import 165:1
 !
 address-family ipv4
  route-target export 154:1
  route-target import 154:1
 exit-address-family
 !
 address-family ipv6
  route-target export 154:1
  route-target import 154:1
 exit-address-family
!
vrf definition cust55
 rd 155:1
```

```
 !
 address-family ipv4
  route-target export 155:1
  route-target import 155:1
 exit-address-family
 !
 address-family ipv6
  route-target export 155:1
  route-target import 155:1
 exit-address-family
!
vrf definition cust56
 rd 156:1
 !
 address-family ipv4
  route-target export 156:1
  route-target import 156:1
 exit-address-family
 !
 address-family ipv6
  route-target export 156:1
  route-target import 156:1
 exit-address-family
!
vrf definition cust57
 rd 157:1
 !
 address-family ipv4
  route-target export 157:1
  route-target import 157:1
 exit-address-family
 !
 address-family ipv6
  route-target export 157:1
  route-target import 157:1
 exit-address-family
!
vrf definition cust58
 rd 158:1
 !
 address-family ipv4
  route-target export 158:1
  route-target import 158:1
 exit-address-family
 !
 address-family ipv6
  route-target export 158:1
  route-target import 158:1
 exit-address-family
!
vrf definition cust59
 rd 159:1
 !
 address-family ipv4
  route-target export 159:1
  route-target import 159:1
 exit-address-family
 !
 address-family ipv6
  route-target export 159:1
  route-target import 159:1
 exit-address-family
!
vrf definition cust6
```

```
 rd 106:1
 !
 address-family ipv4
  route-target export 106:1
  route-target import 106:1
 exit-address-family
 !
 address-family ipv6
  route-target export 106:1
  route-target import 106:1
 exit-address-family
!
vrf definition cust60
 rd 160:1
 !
 address-family ipv4
  route-target export 160:1
  route-target import 160:1
 exit-address-family
 !
 address-family ipv6
  route-target export 160:1
  route-target import 160:1
 exit-address-family
!
vrf definition cust61
 rd 161:1
 !
 address-family ipv4
  route-target export 161:1
  route-target import 161:1
 exit-address-family
 !
 address-family ipv6
  route-target export 161:1
  route-target import 161:1
 exit-address-family
!
vrf definition cust62
 rd 162:1
 !
 address-family ipv4
  route-target export 162:1
  route-target import 162:1
 exit-address-family
 !
 address-family ipv6
  route-target export 162:1
  route-target import 162:1
 exit-address-family
!
vrf definition cust63
 rd 163:1
 !
 address-family ipv4
  route-target export 163:1
  route-target import 163:1
 exit-address-family
 !
 address-family ipv6
  route-target export 163:1
  route-target import 163:1
 exit-address-family
!
```

```
vrf definition cust64
 rd 164:1
 !
 address-family ipv4
  route-target export 164:1
  route-target import 164:1
 exit-address-family
 !
 address-family ipv6
  route-target export 164:1
  route-target import 164:1
 exit-address-family
!
vrf definition cust65
 rd 165:1
 !
 address-family ipv4
  route-target export 165:1
  route-target import 165:1
 exit-address-family
 !
 address-family ipv6
  route-target export 165:1
  route-target import 165:1
 exit-address-family
!
vrf definition cust66
 rd 166:1
 !
 address-family ipv4
  route-target export 166:1
  route-target import 166:1
 exit-address-family
 !
 address-family ipv6
  route-target export 166:1
  route-target import 166:1
 exit-address-family
!
vrf definition cust67
 rd 167:1
 !
 address-family ipv4
  route-target export 167:1
  route-target import 167:1
 exit-address-family
 !
 address-family ipv6
  route-target export 167:1
  route-target import 167:1
 exit-address-family
!
vrf definition cust68
 rd 168:1
 !
 address-family ipv4
  route-target export 168:1
  route-target import 168:1
 exit-address-family
 !
 address-family ipv6
  route-target export 168:1
  route-target import 168:1
 exit-address-family
```

```
!
vrf definition cust69
 rd 169:1
 !
 address-family ipv4
  route-target export 169:1
  route-target import 169:1
 exit-address-family
 !
 address-family ipv6
  route-target export 169:1
  route-target import 169:1
 exit-address-family
!
vrf definition cust7
 rd 107:1
 !
 address-family ipv4
  route-target export 107:1
  route-target import 107:1
 exit-address-family
 !
 address-family ipv6
  route-target export 107:1
  route-target import 107:1
 exit-address-family
!
vrf definition cust70
 rd 170:1
 !
 address-family ipv4
  route-target export 170:1
  route-target import 170:1
 exit-address-family
 !
 address-family ipv6
  route-target export 170:1
  route-target import 170:1
 exit-address-family
!
vrf definition cust71
 rd 171:1
 !
 address-family ipv4
  route-target export 171:1
  route-target import 171:1
 exit-address-family
 !
 address-family ipv6
  route-target export 171:1
  route-target import 171:1
 exit-address-family
!
vrf definition cust72
 rd 172:1
 !
 address-family ipv4
  route-target export 172:1
  route-target import 172:1
 exit-address-family
 !
 address-family ipv6
  route-target export 172:1
  route-target import 172:1
```

```
 exit-address-family
!
vrf definition cust73
 rd 173:1
 route-target import 184:1
 !
 address-family ipv4
  route-target export 173:1
  route-target import 173:1
 exit-address-family
 !
 address-family ipv6
  route-target export 173:1
  route-target import 173:1
 exit-address-family
!
vrf definition cust74
 rd 174:1
 !
 address-family ipv4
  route-target export 174:1
  route-target import 174:1
 exit-address-family
 !
 address-family ipv6
  route-target export 174:1
  route-target import 174:1
 exit-address-family
!
vrf definition cust75
 rd 175:1
 !
 address-family ipv4
  route-target export 175:1
  route-target import 175:1
 exit-address-family
 !
 address-family ipv6
  route-target export 175:1
  route-target import 175:1
 exit-address-family
!
vrf definition cust76
 rd 176:1
 !
 address-family ipv4
  route-target export 176:1
  route-target import 176:1
 exit-address-family
 !
 address-family ipv6
  route-target export 176:1
  route-target import 176:1
 exit-address-family
!
vrf definition cust77
 rd 177:1
 !
 address-family ipv4
  route-target export 177:1
  route-target import 177:1
 exit-address-family
 !
 address-family ipv6
```

```
  route-target export 177:1
  route-target import 177:1
 exit-address-family
!
vrf definition cust78
 rd 178:1
 !
 address-family ipv4
  route-target export 178:1
  route-target import 178:1
 exit-address-family
 !
 address-family ipv6
  route-target export 178:1
  route-target import 178:1
 exit-address-family
!
vrf definition cust79
 rd 179:1
 !
 address-family ipv4
  route-target export 179:1
  route-target import 179:1
 exit-address-family
 !
 address-family ipv6
  route-target export 179:1
  route-target import 179:1
 exit-address-family
!
vrf definition cust8
 rd 108:1
 !
 address-family ipv4
  route-target export 108:1
  route-target import 108:1
 exit-address-family
 !
 address-family ipv6
  route-target export 108:1
  route-target import 108:1
 exit-address-family
!
vrf definition cust80
 rd 180:1
 !
 address-family ipv4
  route-target export 180:1
  route-target import 180:1
 exit-address-family
 !
 address-family ipv6
  route-target export 180:1
  route-target import 180:1
 exit-address-family
!
vrf definition cust81
 rd 181:1
 !
 address-family ipv4
  route-target export 181:1
  route-target import 181:1
 exit-address-family
 !
```

```
 address-family ipv6
  route-target export 181:1
  route-target import 181:1
 exit-address-family
!
vrf definition cust82
 rd 182:1
 !
 address-family ipv4
  route-target export 182:1
  route-target import 182:1
 exit-address-family
 !
 address-family ipv6
  route-target export 182:1
  route-target import 182:1
 exit-address-family
!
vrf definition cust83
 rd 183:1
 !
 address-family ipv4
  route-target export 183:1
  route-target import 183:1
 exit-address-family
 !
 address-family ipv6
  route-target export 183:1
  route-target import 183:1
 exit-address-family
!
vrf definition cust84
 rd 184:1
 !
 address-family ipv4
  route-target export 184:1
  route-target import 184:1
 exit-address-family
 !
 address-family ipv6
  route-target export 184:1
  route-target import 184:1
 exit-address-family
!
vrf definition cust85
 rd 185:1
 !
 address-family ipv4
  route-target export 185:1
  route-target import 185:1
 exit-address-family
 !
 address-family ipv6
  route-target export 185:1
  route-target import 185:1
 exit-address-family
!
vrf definition cust86
 rd 186:1
 !
 address-family ipv4
  route-target export 186:1
  route-target import 186:1
 exit-address-family
```

```
 !
 address-family ipv6
  route-target export 186:1
  route-target import 186:1
 exit-address-family
!
vrf definition cust87
 rd 187:1
 !
 address-family ipv4
  route-target export 187:1
  route-target import 187:1
 exit-address-family
 !
 address-family ipv6
  route-target export 187:1
  route-target import 187:1
 exit-address-family
!
vrf definition cust88
 rd 188:1
 !
 address-family ipv4
  route-target export 188:1
  route-target import 188:1
 exit-address-family
 !
 address-family ipv6
  route-target export 188:1
  route-target import 188:1
 exit-address-family
!
vrf definition cust89
 rd 189:1
 !
 address-family ipv4
  route-target export 189:1
  route-target import 189:1
 exit-address-family
 !
 address-family ipv6
  route-target export 189:1
  route-target import 189:1
 exit-address-family
!
vrf definition cust9
 rd 109:1
 !
 address-family ipv4
  route-target export 109:1
  route-target import 109:1
 exit-address-family
 !
 address-family ipv6
  route-target export 109:1
  route-target import 109:1
 exit-address-family
!
vrf definition cust90
 rd 190:1
 !
 address-family ipv4
  route-target export 190:1
  route-target import 190:1
```

```
 exit-address-family
 !
 address-family ipv6
  route-target export 190:1
  route-target import 190:1
 exit-address-family
!
vrf definition cust91
 rd 191:1
 !
 address-family ipv4
  route-target export 191:1
  route-target import 191:1
 exit-address-family
 !
 address-family ipv6
  route-target export 191:1
  route-target import 191:1
 exit-address-family
!
vrf definition cust92
 rd 192:1
 !
 address-family ipv4
  route-target export 192:1
  route-target import 192:1
 exit-address-family
 !
 address-family ipv6
  route-target export 192:1
  route-target import 192:1
 exit-address-family
!
vrf definition cust93
 rd 193:1
 !
 address-family ipv4
  route-target export 193:1
  route-target import 193:1
 exit-address-family
 !
 address-family ipv6
  route-target export 193:1
  route-target import 193:1
 exit-address-family
!
vrf definition cust94
 rd 194:1
 !
 address-family ipv4
  route-target export 194:1
  route-target import 194:1
 exit-address-family
 !
 address-family ipv6
  route-target export 194:1
  route-target import 194:1
 exit-address-family
!
vrf definition cust95
 rd 195:1
 !
 address-family ipv4
  route-target export 195:1
```

```
  route-target import 195:1
 exit-address-family
 !
 address-family ipv6
  route-target export 195:1
  route-target import 195:1
 exit-address-family
!
vrf definition cust96
 rd 196:1
 !
 address-family ipv4
  route-target export 196:1
  route-target import 196:1
 exit-address-family
 !
 address-family ipv6
  route-target export 196:1
  route-target import 196:1
 exit-address-family
!
vrf definition cust97
 rd 197:1
 !
 address-family ipv4
  route-target export 197:1
  route-target import 197:1
 exit-address-family
 !
 address-family ipv6
  route-target export 197:1
  route-target import 197:1
 exit-address-family
!
vrf definition cust98
 rd 198:1
 !
 address-family ipv4
  route-target export 198:1
  route-target import 198:1
 exit-address-family
 !
 address-family ipv6
  route-target export 198:1
  route-target import 198:1
 exit-address-family
!
vrf definition cust99
 rd 199:1
 !
 address-family ipv4
  route-target export 199:1
  route-target import 199:1
 exit-address-family
 !
 address-family ipv6
  route-target export 199:1
  route-target import 199:1
 exit-address-family
!
logging buffered 1147483647
aaa new-model
!
!
```

```
aaa group server tacacs+ mgmt
 server-private 9.45.47.245 key 7 09584B1A0D0C19155A5E57
 server-private 10.104.45.220 key 7 051F031C3545400E485744
 ip tacacs source-interface Vlan333
!
aaa authentication login default group mgmt local
aaa authorization exec default group mgmt local
!
!
aaa session-id common
clock timezone IST 5 30
port-channel swport load-balance src-ip
port-channel swport auto
!
ip multicast-routing distributed
ip multicast-routing vrf cust1 distributed
ip host vbond1 70.70.70.125
ip host vrf cust1 vbond1 70.70.70.125
ip name-server 72.163.128.140 171.70.168.183
ip domain name cisco.com
!
!
!
!
!
!
!
!
!
!
!
login on-success log
!
!
!
!
!
ipv6 source-route
ipv6 nd cache expire refresh
ipv6 unicast-routing
!
!
subscriber service multiple-accept
subscriber templating
subscriber session auto-service-fail-ignore
!
!
!
!
!
!
!
flow record FNF-record
 match transport source-port
 match transport destination-port
 match routing vrf input
 match ipv4 tos
 match interface input
 match interface output
 match flow direction
 match flow sampler
 match flow cts source group-tag
 match flow cts destination group-tag
 match ipv4 protocol
```

```
 match ipv4 source address
 match ipv4 destination address
 match ipv4 version
 match application name account-on-resolution
 collect counter packets
 collect transport tcp flags
 collect routing next-hop address ipv4
 collect ipv4 dscp
 collect ipv4 ttl minimum
 collect ipv4 ttl maximum
 collect counter bytes
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
!
!
flow record FNF-record-IPv6
 match routing vrf input
 match ipv6 traffic-class
 match ipv6 protocol
 match ipv6 source address
 match ipv6 destination address
 match flow cts source group-tag
 match flow cts destination group-tag
 match transport source-port
 match transport destination-port
 match interface input
 match flow direction
 match flow sampler
 collect transport tcp flags
 collect interface output
 collect counter bytes
 collect counter packets
!
!
flow record FNF-record-cli-hardning
 description this is for cli hardinging test
 match interface output snmp
 match routing vrf input
 match flow cts source group-tag
 match flow cts destination group-tag
 match flow sampler
 collect ipv4 tos
 collect ipv4 dscp
 collect ipv4 id
 collect timestamp absolute first
 collect timestamp absolute last
!
!
flow exporter 10.104.45.124
 destination 10.104.45.124
!
!
flow exporter EXPORTER-1
 destination 10.104.45.174
 dscp 48
 transport udp 9995
 template data timeout 60
!
!
flow exporter exporter-cli-hardening
 description this is for cli hardening
 destination 10.104.45.174
 source GigabitEthernet0/0/1
 dscp 15
```

```
 export-protocol ipfix
 template data timeout 86000
 option interface-table timeout 85000
 option exporter-stats timeout 86000
 option vrf-table timeout 86000
 option sampler-table timeout 86000
!
!
flow monitor FNF-monitor
 exporter EXPORTER-1
 cache timeout active 60
 statistics packet size
 record FNF-record
!
!
flow monitor FNF-IPv6
 exporter EXPORTER-1
 cache timeout active 60
 cache timeout update 60
 statistics packet size
 record FNF-record-IPv6
!
!
flow monitor FNF-monitor-cli-hardening
 cache entries 6677
 statistics packet protocol
 statistics packet size
!
sampler 10
 mode random 1 out-of 35
!
avc sd-service
 segment cisco
 controller
  address 192.168.14.5
  source-interface GigabitEthernet0/0/0.1
 !
!
!
!
!
!
!
!
!
!
crypto pki trustpoint SLA-TrustPoint
 enrollment pkcs12
 revocation-check crl
 hash sha256
!
crypto pki trustpoint CA_SERVER
 enrollment url http://11.3.6.10:80
 serial-number
 subject-name cn=cisco1.cisco.com
 subject-alt-name cisco1.cisco.com
 revocation-check crl
 rsakeypair cisco3key 4096
 hash sha256
!
crypto pki trustpoint TP-self-signed-4027677477
 enrollment selfsigned
 subject-name cn=IOS-Self-Signed-Certificate-4027677477
```

```
 revocation-check none
 rsakeypair TP-self-signed-4027677477
 hash sha256
!
!
crypto pki certificate chain SLA-TrustPoint
 certificate ca 01
  30820321 30820209 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32310E30 0C060355 040A1305 43697363 6F312030 1E060355 04031317 43697363
  6F204C69 63656E73 696E6720 526F6F74 20434130 1E170D31 33303533 30313934
  3834375A 170D3338 30353330 31393438 34375A30 32310E30 0C060355 040A1305
  43697363 6F312030 1E060355 04031317 43697363 6F204C69 63656E73 696E6720
  526F6F74 20434130 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 A6BCBD96 131E05F7 145EA72C 2CD686E6 17222EA1 F1EFF64D
  CBB4C798 212AA147 C655D8D7 9471380D 8711441E 1AAF071A 9CAE6388 8A38E520
  1C394D78 462EF239 C659F715 B98C0A59 5BBB5CBD 0CFEBEA3 700A8BF7 D8F256EE
  4AA4E80D DB6FD1C9 60B1FD18 FFC69C96 6FA68957 A2617DE7 104FDC5F EA2956AC
  7390A3EB 2B5436AD C847A2C5 DAB553EB 69A9A535 58E9F3E3 C0BD23CF 58BD7188
  68E69491 20F320E7 948E71D7 AE3BCC84 F10684C7 4BC8E00F 539BA42B 42C68BB7
  C7479096 B4CB2D62 EA2F505D C7B062A4 6811D95B E8250FC4 5D5D5FB8 8F27D191
  C55F0D76 61F9A4CD 3D992327 A8BB03BD 4E6D7069 7CBADF8B DF5F4368 95135E44
  DFC7C6CF 04DD7FD1 02030100 01A34230 40300E06 03551D0F 0101FF04 04030201
  06300F06 03551D13 0101FF04 05300301 01FF301D 0603551D 0E041604 1449DC85
  4B3D31E5 1B3E6A17 606AF333 3D3B4C73 E8300D06 092A8648 86F70D01 010B0500
  03820101 00507F24 D3932A66 86025D9F E838AE5C 6D4DF6B0 49631C78 240DA905
  604EDCDE FF4FED2B 77FC460E CD636FDB DD44681E 3A5673AB 9093D3B1 6C9E3D8B
  D98987BF E40CBD9E 1AECA0C2 2189BB5C 8FA85686 CD98B646 5575B146 8DFC66A8
  467A3DF4 4D565700 6ADF0F0D CF835015 3C04FF7C 21E878AC 11BA9CD2 55A9232C
  7CA7B7E6 C1AF74F6 152E99B7 B1FCF9BB E973DE7F 5BDDEB86 C71E3B49 1765308B
  5FB0DA06 B92AFE7F 494E8A9E 07B85737 F3A58BE1 1A48A229 C37C1E69 39F08678
  80DDCD16 D6BACECA EEBC7CF9 8428787B 35202CDC 60E4616A B623CDBD 230E3AFB
  418616A9 4093E049 4D10AB75 27E86F73 932E35B5 8862FDAE 0275156F 719BB2F0
  D697DF7F 28
   quit
crypto pki certificate chain CA_SERVER
 certificate 00DB
  3082046F 30820357 A0030201 02020200 DB300D06 092A8648 86F70D01 010B0500
  30323111 300F0603 55040B13 084D4143 53454344 54311D30 1B060355 04031314
  4341312E 6D616373 65632E63 6973636F 2E636F6D 301E170D 32343032 32343131
  33323130 5A170D32 35303232 33313133 3231305A 30553119 30170603 55040313
  10636973 636F312E 63697363 6F2E636F 6D313830 12060355 0405130B 46474C32
  3531374C 33563730 2206092A 864886F7 0D010902 1615676D 31322D65 6C697861
  722E6369 73636F2E 636F6D30 82022230 0D06092A 864886F7 0D010101 05000382
  020F0030 82020A02 82020100 8D120785 1CB19BB0 416A8827 6A85966A D340D8B2
  558E747A 31E9F237 0ABC42D6 3107E45D 6DD8250F 8C2C6109 F2EBFED2 11ED452B
  80C26944 47B938EF 231ED789 ABB9CD1C 2C855E5F C97041AA 30AE08D0 0F1A183E
  FC203FD4 574CBEA6 2D1DFA04 0E0D0CDF 5385711F D3C67AB2 044D6D21 0C6EA6F8
  03510E3E 3CC3C62B 5E4C5BEB F9BF4482 90E277B2 42ACF78A 130C08F5 60441711
  5D00FC1B D351B8C8 44132FF3 59790EC8 1E75DA74 B9C98D08 9AFBC024 8C0B9767
  1016E08F 67F16208 8159593A C0DDA8A4 82908A54 5AFA8A1A ECECC4AB CEFB49CC
  B276AABC 5973D1CB AC47355C 159BEE6C 26679097 000830F9 C7024831 1CA3F1DE
  3BB21C77 86212CDA 5599EE79 D19439B7 4D9DD7AD 7739B216 5B80B282 562424E5
  3F4BA039 C9C7F6D8 5252A2A4 61E23C67 76B3F09E 3000F6DE CF5AAEAC B46414D4
  C54A6312 B44FDF48 758B890F 213FDBF0 AD6F2D19 3CDEE9DA 2DC7E6ED A8FD3604
  1B0C6F43 80A4D9B4 F445709A 2DAA2939 0586DB9F DBAB11FC 8BC1EA5D 671B541A
  837F9724 0B72717A A536363D 7E201B53 763DA17C 41C19A79 774FDC70 2F5E24B0
  199EE1B4 96FDE12E C6154B84 7F898B24 B2256481 78FA0EB4 42242D5C EC0455F0
  89AD1372 02DB0032 0D7B9293 07D5868E D0B6C5BA B3BBE3FB 48846B93 BEB13A6B
  7FC8CB39 65E5EB61 CF55BF5E 2D963F0A 284E7003 DF473681 DD5ABB33 89330D74
  F1165397 DA80DD7C A506AC6F 02030100 01A36C30 6A300B06 03551D0F 04040302
  05A0301B 0603551D 11041430 12821063 6973636F 312E6369 73636F2E 636F6D30
  1F060355 1D230418 30168014 4F17A63A 9E351FAD 25A7D273 6B49D4ED A07B3BD6
  301D0603 551D0E04 160414F9 34D2993D 5C3D5C17 E2AA780D B151DDF7 3E90E130
  0D06092A 864886F7 0D01010B 05000382 01010037 518C2339 92340331 37575F50
```

```
  48961F72 0781A537 99D5D401 FBB8FFC4 1B9BD36A BB48DA74 46D01BAE F600F195
  5CBA71CB 7D392FBD 29033B2E C26658E8 E669909B 01D3D187 0E7A9442 260DE254
  F25393DF D13CFB35 0294A0F6 7016A074 B8D1062D D23D003B 64645A11 4B630CC3
  B5EABC83 BE2D96F5 33CFEF4D 0DCDAFA3 BF2AC780 1B7306B8 0F8F0D9F 1BE62650
  9F149403 286FF874 20267715 17B0FCEE 46A4C467 14516961 AA574104 CC6B30FD
  EB5FF8C1 8FABDAB8 E470D0F4 BB89B7DF 4A52BF4C 879B3B9B 843E29C5 DC918E31
  28351C82 3CCF8BB8 E2E6DD01 3FC017A5 1399B38B 1E322E10 886E7732 B5DA4D4A
  566E3FF7 396E60AD 791DC7DB 90BFCA63 3A8580
   quit
 certificate ca 01
  30820342 3082022A A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32311130 0F060355 040B1308 4D414353 45434454 311D301B 06035504 03131443
  41312E6D 61637365 632E6369 73636F2E 636F6D30 1E170D32 33313032 31303634
  3733355A 170D3236 31303230 30363437 33355A30 32311130 0F060355 040B1308
  4D414353 45434454 311D301B 06035504 03131443 41312E6D 61637365 632E6369
  73636F2E 636F6D30 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 8D0A804C 5DDA17D4 D900E751 18B8A7DC A250DAD3 B81E78F2
  D6143A51 590E8D9B 12D3CD2C 2C5E0552 D541486C 3E314319 A0053048 38EC0C19
  66983A6A 3D8FF654 611C61BA F9616B1F C86CC2EE 6DB2DCA5 048009F5 38972032
  F4A29685 989008E5 90E6FA05 86630E47 D05A6FB8 0EF7A243 2CD69ECE 21921403
  5126012D ECB211A5 561F732E 5355478C 33B325CD 63E625B9 5216308D A3EB96D8
  953872EE 1ED1AC8F 9904AF9D 46ECBBBA B4AC90E2 3BFFC0EA 48BF1FB4 35F84396
  88013F3D 5F0DFEC4 C4818BBF 7A64BF7B 61181CA7 3B19260C 5CB81EBD B1323E3D
  C01CA69F 1BAF7A6E E56CD8AB 0F4A4B25 06D4E0F3 4E117481 C6087831 CA4090E8
  B191244E 4B815433 02030100 01A36330 61300F06 03551D13 0101FF04 05300301
  01FF300E 0603551D 0F0101FF 04040302 0186301F 0603551D 23041830 1680144F
  17A63A9E 351FAD25 A7D2736B 49D4EDA0 7B3BD630 1D060355 1D0E0416 04144F17
  A63A9E35 1FAD25A7 D2736B49 D4EDA07B 3BD6300D 06092A86 4886F70D 01010B05
  00038201 01000239 E2CE1270 9DD72ADE 5D853D95 175EEFB1 E7B825F6 4A221236
  C6532B0A 5529415F 29DD05F0 44F76DEA B8EE9463 F047091B 1F9371D5 D39FC812
  2C0CDCDD 1504A4FF 1B609AA7 BD9C905F 5A66837B E6710395 374E77FC 5BA526E3
  A3A94ADA 01A3CA0C 05FD646E 74A5E420 ADA63049 690E6F34 6633EE7D 42423C43
  0ADD84D8 5981A14B 4CF30804 E6DE5154 FDDB44AE 02FA1975 D91505D3 E3C33172
  4A72A830 3E24AC4C BA842CC7 D240642A 1A58A666 18BDAC9B 2947778F 7CEAA09E
  16245BC7 AAAB62AC D41F8367 03E9A0A2 39377AF4 A97072A6 2C2F0077 8AF1B608
  52F45246 9F9485BC 342DA05A 1085A764 BBA5AE5B 7C46332C 6492889E 32619BDF
  EFE649E3 D443
   quit
crypto pki certificate chain TP-self-signed-4027677477
 certificate self-signed 01
  30820330 30820218 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  31312F30 2D060355 04030C26 494F532D 53656C66 2D536967 6E65642D 43657274
  69666963 6174652D 34303237 36373734 3737301E 170D3234 30313330 31383431
  31325A17 0D333430 31323931 38343131 325A3031 312F302D 06035504 030C2649
  4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D34 30323736
  37373437 37308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201
  0A028201 0100B842 25A6D30B C2402CD8 FAA1C4B3 3301CA3D 395B819F 3B872C23
  18B5273F E4912E23 A893A820 0BC56623 A75DF868 1B2F05D4 7F02D306 21CE382B
  785FA885 BC9795B1 B781D356 B60528CA D7B21B70 261A3204 358DD276 7627F440
  F5899F47 D9843C59 5B49EF38 D0675264 B2BFD879 933D497F AB3F7A60 DB8F4BC7
  1D2B72C1 6E834BB9 1B582572 3206C1A0 8DE3BB59 99B9DFFC 4E1DED07 B79290C8
  FF39AA43 4FF746EC E9555C4E 6EFE9C6C 603A1607 4BD1A735 6A7E50B9 74FBCAE4
  8FA445B6 6435FEA6 373B17E6 89346955 2D749580 913C2BCB 34B79E47 63730D91
  BCE1DBF5 7784AD8F 3A824A49 42980DB8 D4498AB3 9D66C0D0 097B92CE 7186E8E8
  77FE0446 FA190203 010001A3 53305130 1D060355 1D0E0416 0414A776 EBFD3CEC
  E4172B06 5DCAC9FE 7E1701BA 036C301F 0603551D 23041830 168014A7 76EBFD3C
  ECE4172B 065DCAC9 FE7E1701 BA036C30 0F060355 1D130101 FF040530 030101FF
  300D0609 2A864886 F70D0101 0B050003 82010100 34FD34C4 C9679B7B 5CCAAD21
  527EF554 72D6BAB5 836A1F7B BA30F927 AC7ED2B5 E21A88D9 1669FB6C 0AF35B90
  2774C1CE 494E21AF 7F2DC886 B71B6A65 C12744AE CC1B4516 5F4C177A 6C6DBDF1
  AC4BEE43 9674DE10 67A02C28 6D9F80FC 5A511233 21C04442 42D83FA4 BD148D3D
  390869C5 F8FBA7FA 68D60BF8 6B613DC7 7F1E1B49 20CA3917 309BD2B2 CCD17B06
  5F6ECE33 002C32DE 7087AF98 059B984C 512EDB56 3C617A55 5853AA40 13029629
  962B7AFE 9B62EBDE D5CD4BEA 0C80E263 10DA1F46 D8D78757 78066442 A9D017A0
```

```
  6A7E37FF 8473FFCA FD06AAA6 CEBB6889 4A22CB07 F71E4B92 384E02C6 9B33ABD7
  7D34BE34 4346A0B9 0E7461F2 0D806E94 6D667F35
   quit
!
!
!
!
!
!
!
!
!
diagnostic bootup level minimal
!
license udi pid C1131X-8PWB sn FGL2517L3V7
license accept end user agreement
license boot suite FoundationSuiteK9
memory free low-watermark processor 70676
!
spanning-tree extend system-id
!
!
enable password 7 <removed>
!
username admin privilege 15 password 7 <removed>
!
redundancy
 mode none
!
!
!
crypto ikev2 proposal gikev2-proposal
 encryption aes-cbc-128
 integrity sha512
 group 19
!
crypto ikev2 policy gikev2-policy
 match fvrf any
 proposal gikev2-proposal
!
!
crypto ikev2 profile gikev2-profile
 match fvrf any
 match identity remote address 0.0.0.0
 authentication remote rsa-sig
 authentication local rsa-sig
 pki trustpoint CA_SERVER
 lifetime 600
 no lifetime certificate
!
crypto ikev2 profile default
 match fvrf any
 match identity remote any
 authentication remote rsa-sig
 authentication local rsa-sig
!
crypto ikev2 profile get-gikev2
 match identity remote any
 authentication remote pre-share key cisco123
 authentication local pre-share key cisco123
 lifetime 120
!
crypto ikev2 limit max-in-negotation-sa 1000
!
```

```
!
vlan dot1q tag native
vlan internal allocation policy ascending
!
!
track 99 stub-object
!
track 100 stub-object
!
track 200 ip sla 20 reachability
!
track 201 ip sla 30 reachability
!
track 205 ip sla 50 reachability
!
track 206 ip sla 51 reachability
!
track 300 ip sla 202 state
 delay down 50
!
class-map match-any be
 match precedence 0
class-map match-any data1
 match precedence 3
class-map match-any data2
 match precedence 2
class-map match-any voice
 match precedence 5
class-map match-any net
 match precedence 7
 match precedence 6
!
policy-map bw600-out-1
 class net
  bandwidth percent 4
 class voice
  priority percent 10
 class data1
  bandwidth percent 40
 class data2
  bandwidth percent 20
 class be
  bandwidth percent 25
policy-map limit-bw600-out-1-8004-905
 class class-default
  shape average 910800000 13662000 0
  service-policy bw600-out-1
policy-map QOS-00000-LIMIT_CUSTOMER_IN
 class data1
  police cir 980000000 conform-action transmit  exceed-action transmit
 class class-default
  police cir 980000000 conform-action transmit  exceed-action drop
!
!
!
!
!
!
!
!
!
!
crypto isakmp policy 10
 encryption aes 256
```

```
 hash sha
 group 14
!
crypto isakmp policy 20
 encryption aes 256
 hash sha
 group 14
 lifetime 60
crypto isakmp key cisco123 address 30.0.0.0
crypto isakmp key cisco123 address 33.0.0.0
crypto isakmp key cisco123 address 0.0.0.0
crypto isakmp identity dn
!
crypto ipsec security-association replay disable
crypto ipsec security-association replay window-size 1024
!
crypto ipsec transform-set AES256_SHA2 esp-aes 256 esp-sha256-hmac
 mode tunnel
!
!
crypto gkm group bw6000_gike
 identity number 1000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gkm group ipv6 bw600-IPV6_gike
 identity number 1100
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw6000
 identity number 6000
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 server address ipv4 15.0.0.5
 client fail-close revert
 client status active-sa track 99
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw600-IPV6
 identity number 6600
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 client fail-close revert
 client status active-sa track 100
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw-suiteB
 identity number 2001
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.3
 client fail-close revert
 client recovery-check interval 300
 client protocol gikev2 gikev2-profile
!
crypto gdoi group ipv6 bw-suiteB-v6
 identity number 2002
 server address ipv4 15.0.0.5
```

```
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
 client fail-close revert
 client protocol gikev2 gikev2-profile
!
crypto gdoi group bw6000_eft
 identity number 1122
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.3
!
crypto gdoi group ipv6 bw600-IPV6_eft
 identity number 2233
 server address ipv4 15.0.0.5
 server address ipv4 15.0.0.1
 server address ipv4 15.0.0.3
!
crypto gdoi group test
 ! Incomplete GDOI Group Configuration
 ! No Group Identity Configured
 ! No server type configured
!
!
crypto map ipv6 bw-suiteB-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 bw-suiteB-IPV6-map gdoi fail-close
 match address fc_revert_ipv6
 activate
crypto map ipv6 bw-suiteB-IPV6-map 10 gdoi
 set group bw-suiteB-v6
!
crypto map bw-suiteB-map 10 gdoi
 set group bw-suiteB
!
crypto map ipv6 getvpn-bw600-IPV6 gdoi fail-close
 match address fc_revert_ipv6
 activate
crypto map ipv6 getvpn-bw600-IPV6 10 gdoi
 set group bw600-IPV6
!
crypto map ipv6 getvpn-bw600-IPV6_eft 10 gdoi
 set group bw600-IPV6_eft
!
crypto map ipv6 getvpn-bw600-IPV6_gike 10 gdoi
 set group bw600-IPV6_gike
!
crypto map getvpn-bw6000 gdoi fail-close
 match address fc_revert_ipv4
crypto map getvpn-bw6000 10 gdoi
 set group bw6000
!
crypto map suiteB-map gdoi fail-close
 match address fc_revert_ipv4
 activate
crypto map suiteB-map 10 gdoi
 set group bw-suiteB
!
!
buffers huge size 65535
!
!
!
!
```

```
!
!
interface Loopback111
 description this interface is for sd-routing testing
 vrf forwarding cust1
 ip address <removed>
!
interface Port-channel1
 switchport
 switchport trunk allowed vlan 22
 switchport mode trunk
 speed 1000
 port-channel min-links 2
!
interface GigabitEthernet0/0/0
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/0.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip address <removed>
 ip pim sparse-mode
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 ipv6 crypto map getvpn-bw600-IPV6
 crypto map getvpn-bw6000
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
```

```
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
```

```
!
interface GigabitEthernet0/0/0.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip address <removed>
 ip access-group GETVPN-FAILCLOSE-IN-bw600-LAB in
 ip access-group GETVPN-FAILCLOSE-OUT-bw600-LAB out
 ipv6 address <removed>
 ipv6 enable
 ipv6 traffic-filter GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB in
 ipv6 traffic-filter GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB out
 service-policy output limit-bw600-out-1-8004-905
!
interface GigabitEthernet0/0/0.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.18
 encapsulation dot1Q 19
```

```
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.27
 encapsulation dot1Q 28
 vrf forwarding cust27
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.36
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.45
 encapsulation dot1Q 46
 vrf forwarding cust45
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.54
 encapsulation dot1Q 55
 vrf forwarding cust54
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/0.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/0.100
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 shutdown
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/1.1
 encapsulation dot1Q 2
 vrf forwarding cust1
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip pim sparse-mode
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.2
 encapsulation dot1Q 3
 vrf forwarding cust2
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.3
 encapsulation dot1Q 4
 vrf forwarding cust3
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.4
 encapsulation dot1Q 5
 vrf forwarding cust4
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
```

```
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.5
 encapsulation dot1Q 6
 vrf forwarding cust5
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.6
 encapsulation dot1Q 7
 vrf forwarding cust6
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.7
 encapsulation dot1Q 8
 vrf forwarding cust7
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.8
 encapsulation dot1Q 9
 vrf forwarding cust8
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.9
 encapsulation dot1Q 10
 vrf forwarding cust9
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
```

```
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.10
 encapsulation dot1Q 11
 vrf forwarding cust10
 ip flow monitor FNF-monitor input
 ip flow monitor FNF-monitor output
 ip address <removed>
 ip nbar protocol-discovery
 ipv6 flow monitor FNF-IPv6 input
 ipv6 flow monitor FNF-IPv6 output
 ipv6 address <removed>
 ipv6 enable
 service-policy input QOS-00000-LIMIT_CUSTOMER_IN
!
interface GigabitEthernet0/0/1.11
 encapsulation dot1Q 12
 vrf forwarding cust11
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.12
 encapsulation dot1Q 13
 vrf forwarding cust12
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.13
 encapsulation dot1Q 14
 vrf forwarding cust13
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.14
 encapsulation dot1Q 15
 vrf forwarding cust14
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.15
 encapsulation dot1Q 16
 vrf forwarding cust15
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.16
 encapsulation dot1Q 17
 vrf forwarding cust16
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.17
 encapsulation dot1Q 18
 vrf forwarding cust17
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/1.18
 encapsulation dot1Q 19
 vrf forwarding cust18
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.19
 encapsulation dot1Q 20
 vrf forwarding cust19
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.20
 encapsulation dot1Q 21
 vrf forwarding cust20
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.21
 encapsulation dot1Q 22
 vrf forwarding cust21
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.22
 encapsulation dot1Q 23
 vrf forwarding cust22
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.23
 encapsulation dot1Q 24
 vrf forwarding cust23
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.24
 encapsulation dot1Q 25
 vrf forwarding cust24
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.25
 encapsulation dot1Q 26
 vrf forwarding cust25
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.26
 encapsulation dot1Q 27
 vrf forwarding cust26
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface GigabitEthernet0/0/1.27
 encapsulation dot1Q 28
 vrf forwarding cust27
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.28
 encapsulation dot1Q 29
 vrf forwarding cust28
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.29
 encapsulation dot1Q 30
 vrf forwarding cust29
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.30
 encapsulation dot1Q 31
 vrf forwarding cust30
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.31
 encapsulation dot1Q 32
 vrf forwarding cust31
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.32
 encapsulation dot1Q 33
 vrf forwarding cust32
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.33
 encapsulation dot1Q 34
 vrf forwarding cust33
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.34
 encapsulation dot1Q 35
 vrf forwarding cust34
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.35
 encapsulation dot1Q 36
 vrf forwarding cust35
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.36
```

```
 encapsulation dot1Q 37
 vrf forwarding cust36
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.37
 encapsulation dot1Q 38
 vrf forwarding cust37
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.38
 encapsulation dot1Q 39
 vrf forwarding cust38
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.39
 encapsulation dot1Q 40
 vrf forwarding cust39
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.40
 encapsulation dot1Q 41
 vrf forwarding cust40
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.41
 encapsulation dot1Q 42
 vrf forwarding cust41
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.42
 encapsulation dot1Q 43
 vrf forwarding cust42
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.43
 encapsulation dot1Q 44
 vrf forwarding cust43
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.44
 encapsulation dot1Q 45
 vrf forwarding cust44
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.45
 encapsulation dot1Q 46
```

```
 vrf forwarding cust45
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.46
 encapsulation dot1Q 47
 vrf forwarding cust46
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.47
 encapsulation dot1Q 48
 vrf forwarding cust47
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.48
 encapsulation dot1Q 49
 vrf forwarding cust48
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.49
 encapsulation dot1Q 50
 vrf forwarding cust49
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.50
 encapsulation dot1Q 51
 vrf forwarding cust50
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.51
 encapsulation dot1Q 52
 vrf forwarding cust51
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.52
 encapsulation dot1Q 53
 vrf forwarding cust52
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.53
 encapsulation dot1Q 54
 vrf forwarding cust53
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.54
 encapsulation dot1Q 55
 vrf forwarding cust54
```

```
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.55
 encapsulation dot1Q 56
 vrf forwarding cust55
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.56
 encapsulation dot1Q 57
 vrf forwarding cust56
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.57
 encapsulation dot1Q 58
 vrf forwarding cust57
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.58
 encapsulation dot1Q 59
 vrf forwarding cust58
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.59
 encapsulation dot1Q 60
 vrf forwarding cust59
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.60
 encapsulation dot1Q 61
 vrf forwarding cust60
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.61
 encapsulation dot1Q 62
 vrf forwarding cust61
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.62
 encapsulation dot1Q 63
 vrf forwarding cust62
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.63
 encapsulation dot1Q 64
 vrf forwarding cust63
 ip address <removed>
```

```
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.64
 encapsulation dot1Q 65
 vrf forwarding cust64
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.65
 encapsulation dot1Q 66
 vrf forwarding cust65
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.66
 encapsulation dot1Q 67
 vrf forwarding cust66
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.67
 encapsulation dot1Q 68
 vrf forwarding cust67
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.68
 encapsulation dot1Q 69
 vrf forwarding cust68
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.69
 encapsulation dot1Q 70
 vrf forwarding cust69
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.70
 encapsulation dot1Q 71
 vrf forwarding cust70
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.71
 encapsulation dot1Q 72
 vrf forwarding cust71
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.72
 encapsulation dot1Q 73
 vrf forwarding cust72
 ip address <removed>
 ipv6 address <removed>
```

```
 ipv6 enable
!
interface GigabitEthernet0/0/1.73
 encapsulation dot1Q 74
 vrf forwarding cust73
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.74
 encapsulation dot1Q 75
 vrf forwarding cust74
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.75
 encapsulation dot1Q 76
 vrf forwarding cust75
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.76
 encapsulation dot1Q 77
 vrf forwarding cust76
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.77
 encapsulation dot1Q 78
 vrf forwarding cust77
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.78
 encapsulation dot1Q 79
 vrf forwarding cust78
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.79
 encapsulation dot1Q 80
 vrf forwarding cust79
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.80
 encapsulation dot1Q 81
 vrf forwarding cust80
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.81
 encapsulation dot1Q 82
 vrf forwarding cust81
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
```

```
!
interface GigabitEthernet0/0/1.82
 encapsulation dot1Q 83
 vrf forwarding cust82
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.83
 encapsulation dot1Q 84
 vrf forwarding cust83
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.84
 encapsulation dot1Q 85
 vrf forwarding cust84
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.85
 encapsulation dot1Q 86
 vrf forwarding cust85
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.86
 encapsulation dot1Q 87
 vrf forwarding cust86
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.87
 encapsulation dot1Q 88
 vrf forwarding cust87
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.88
 encapsulation dot1Q 89
 vrf forwarding cust88
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.89
 encapsulation dot1Q 90
 vrf forwarding cust89
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.90
 encapsulation dot1Q 91
 vrf forwarding cust90
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
```

```
interface GigabitEthernet0/0/1.91
 encapsulation dot1Q 92
 vrf forwarding cust91
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.92
 encapsulation dot1Q 93
 vrf forwarding cust92
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.93
 encapsulation dot1Q 94
 vrf forwarding cust93
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.94
 encapsulation dot1Q 95
 vrf forwarding cust94
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.95
 encapsulation dot1Q 96
 vrf forwarding cust95
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.96
 encapsulation dot1Q 97
 vrf forwarding cust96
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.97
 encapsulation dot1Q 98
 vrf forwarding cust97
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.98
 encapsulation dot1Q 99
 vrf forwarding cust98
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.99
 encapsulation dot1Q 100
 vrf forwarding cust99
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/0/1.100
```

```
 encapsulation dot1Q 101
 vrf forwarding cust100
 ip address <removed>
 ipv6 address <removed>
 ipv6 enable
!
interface GigabitEthernet0/1/0
 switchport access vlan 22
 switchport trunk allowed vlan 22
 switchport mode trunk
 channel-group 1 mode auto
 no channel-group auto
!
interface GigabitEthernet0/1/1
 switchport access vlan 22
 switchport trunk allowed vlan 22
 switchport mode trunk
 channel-group 1 mode auto
 no channel-group auto
!
interface GigabitEthernet0/1/2
 carrier-delay msec 500
 duplex full
 bfd interval 9900 min_rx 9900 multiplier 5
 no bfd echo
 no lldp transmit
 service-policy output limit-bw600-out-1-8004-905
 hold-queue 6000 in
 hold-queue 6000 out
!
interface GigabitEthernet0/1/3
!
interface GigabitEthernet0/1/4
!
interface GigabitEthernet0/1/5
!
interface GigabitEthernet0/1/6
 no switchport
 vrf forwarding cust1
 ip address <removed>
 negotiation auto
!
interface GigabitEthernet0/1/7
 switchport
 switchport access vlan 233
 switchport mode access
!
interface Wlan-GigabitEthernet0/1/8
 shutdown
!
interface Vlan1
 no ip address
!
interface Vlan233
 ip address <removed>
!
interface Vlan333
 no ip address
!
interface Vlan1122
 description This is for new change in yang testing interface
 vrf forwarding cust1
 ip address <removed>
 ip address <removed>
```

```
 ip helper-address 33.133.1.1
 no ip redirects
 no ip unreachables
 ip local-proxy-arp
 ip verify unicast source reachable-via any allow-self-ping
 ip route-cache same-interface
!
!
router eigrp 1
!
router bgp 65112
 bgp log-neighbor-changes
 !
 address-family ipv4 vrf cust1
  redistribute connected
  neighbor 143.1.1.1 remote-as 65000
  neighbor 143.1.1.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust1
  redistribute connected
  neighbor 1430:1::1 remote-as 65000
  neighbor 1430:1::1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust10
  redistribute connected
  neighbor 143.1.10.1 remote-as 65000
  neighbor 143.1.10.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust10
  redistribute connected
  neighbor 1430:1::9:1 remote-as 65000
  neighbor 1430:1::9:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust100
  redistribute connected
  neighbor 143.1.100.1 remote-as 65000
  neighbor 143.1.100.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust100
  redistribute connected
  neighbor 1430:1::63:1 remote-as 65000
  neighbor 1430:1::63:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust11
  redistribute connected
  neighbor 143.1.11.1 remote-as 65000
  neighbor 143.1.11.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust11
  redistribute connected
  neighbor 1430:1::A:1 remote-as 65000
  neighbor 1430:1::A:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust12
  redistribute connected
  neighbor 143.1.12.1 remote-as 65000
```

```
 neighbor 143.1.12.1 activate
exit-address-family
!
address-family ipv6 vrf cust12
 redistribute connected
 neighbor 1430:1::B:1 remote-as 65000
 neighbor 1430:1::B:1 activate
exit-address-family
!
address-family ipv4 vrf cust13
 redistribute connected
 neighbor 143.1.13.1 remote-as 65000
 neighbor 143.1.13.1 activate
exit-address-family
!
address-family ipv6 vrf cust13
 redistribute connected
 neighbor 1430:1::C:1 remote-as 65000
 neighbor 1430:1::C:1 activate
exit-address-family
!
address-family ipv4 vrf cust14
 redistribute connected
 neighbor 143.1.14.1 remote-as 65000
 neighbor 143.1.14.1 activate
exit-address-family
!
address-family ipv6 vrf cust14
 redistribute connected
 neighbor 1430:1::D:1 remote-as 65000
 neighbor 1430:1::D:1 activate
exit-address-family
!
address-family ipv4 vrf cust15
 redistribute connected
 neighbor 143.1.15.1 remote-as 65000
 neighbor 143.1.15.1 activate
exit-address-family
!
address-family ipv6 vrf cust15
 redistribute connected
 neighbor 1430:1::E:1 remote-as 65000
 neighbor 1430:1::E:1 activate
exit-address-family
!
address-family ipv4 vrf cust16
 redistribute connected
 neighbor 143.1.16.1 remote-as 65000
 neighbor 143.1.16.1 activate
exit-address-family
!
address-family ipv6 vrf cust16
 redistribute connected
 neighbor 1430:1::F:1 remote-as 65000
 neighbor 1430:1::F:1 activate
exit-address-family
!
address-family ipv4 vrf cust17
 redistribute connected
 neighbor 143.1.17.1 remote-as 65000
 neighbor 143.1.17.1 activate
exit-address-family
!
address-family ipv6 vrf cust17
```

```
 redistribute connected
 neighbor 1430:1::10:1 remote-as 65000
 neighbor 1430:1::10:1 activate
exit-address-family
!
address-family ipv4 vrf cust18
 redistribute connected
 neighbor 143.1.18.1 remote-as 65000
 neighbor 143.1.18.1 activate
exit-address-family
!
address-family ipv6 vrf cust18
 redistribute connected
 neighbor 1430:1::11:1 remote-as 65000
 neighbor 1430:1::11:1 activate
exit-address-family
!
address-family ipv4 vrf cust19
 redistribute connected
 neighbor 143.1.19.1 remote-as 65000
 neighbor 143.1.19.1 activate
exit-address-family
!
address-family ipv6 vrf cust19
 redistribute connected
 neighbor 1430:1::12:1 remote-as 65000
 neighbor 1430:1::12:1 activate
exit-address-family
!
address-family ipv4 vrf cust2
 redistribute connected
 neighbor 143.1.2.1 remote-as 65000
 neighbor 143.1.2.1 activate
exit-address-family
!
address-family ipv6 vrf cust2
 redistribute connected
 neighbor 1430:1::1:1 remote-as 65000
 neighbor 1430:1::1:1 activate
exit-address-family
!
address-family ipv4 vrf cust20
 redistribute connected
 neighbor 143.1.20.1 remote-as 65000
 neighbor 143.1.20.1 activate
exit-address-family
!
address-family ipv6 vrf cust20
 redistribute connected
 neighbor 1430:1::13:1 remote-as 65000
 neighbor 1430:1::13:1 activate
exit-address-family
!
address-family ipv4 vrf cust21
 redistribute connected
 neighbor 143.1.21.1 remote-as 65000
 neighbor 143.1.21.1 activate
exit-address-family
!
address-family ipv6 vrf cust21
 redistribute connected
 neighbor 1430:1::14:1 remote-as 65000
 neighbor 1430:1::14:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust22
 redistribute connected
 neighbor 143.1.22.1 remote-as 65000
 neighbor 143.1.22.1 activate
exit-address-family
!
address-family ipv6 vrf cust22
 redistribute connected
 neighbor 1430:1::15:1 remote-as 65000
 neighbor 1430:1::15:1 activate
exit-address-family
!
address-family ipv4 vrf cust23
 redistribute connected
 neighbor 143.1.23.1 remote-as 65000
 neighbor 143.1.23.1 activate
exit-address-family
!
address-family ipv6 vrf cust23
 redistribute connected
 neighbor 1430:1::16:1 remote-as 65000
 neighbor 1430:1::16:1 activate
exit-address-family
!
address-family ipv4 vrf cust24
 redistribute connected
 neighbor 143.1.24.1 remote-as 65000
 neighbor 143.1.24.1 activate
exit-address-family
!
address-family ipv6 vrf cust24
 redistribute connected
 neighbor 1430:1::17:1 remote-as 65000
 neighbor 1430:1::17:1 activate
exit-address-family
!
address-family ipv4 vrf cust25
 redistribute connected
 neighbor 143.1.25.1 remote-as 65000
 neighbor 143.1.25.1 activate
exit-address-family
!
address-family ipv6 vrf cust25
 redistribute connected
 neighbor 1430:1::18:1 remote-as 65000
 neighbor 1430:1::18:1 activate
exit-address-family
!
address-family ipv4 vrf cust26
 redistribute connected
 neighbor 143.1.26.1 remote-as 65000
 neighbor 143.1.26.1 activate
exit-address-family
!
address-family ipv6 vrf cust26
 redistribute connected
 neighbor 1430:1::19:1 remote-as 65000
 neighbor 1430:1::19:1 activate
exit-address-family
!
address-family ipv4 vrf cust27
 redistribute connected
 neighbor 143.1.27.1 remote-as 65000
```

```
 neighbor 143.1.27.1 activate
exit-address-family
!
address-family ipv6 vrf cust27
 redistribute connected
 neighbor 1430:1::1A:1 remote-as 65000
 neighbor 1430:1::1A:1 activate
exit-address-family
!
address-family ipv4 vrf cust28
 redistribute connected
 neighbor 143.1.28.1 remote-as 65000
 neighbor 143.1.28.1 activate
exit-address-family
!
address-family ipv6 vrf cust28
 redistribute connected
 neighbor 1430:1::1B:1 remote-as 65000
 neighbor 1430:1::1B:1 activate
exit-address-family
!
address-family ipv4 vrf cust29
 redistribute connected
 neighbor 143.1.29.1 remote-as 65000
 neighbor 143.1.29.1 activate
exit-address-family
!
address-family ipv6 vrf cust29
 redistribute connected
 neighbor 1430:1::1C:1 remote-as 65000
 neighbor 1430:1::1C:1 activate
exit-address-family
!
address-family ipv4 vrf cust3
 redistribute connected
 neighbor 143.1.3.1 remote-as 65000
 neighbor 143.1.3.1 activate
exit-address-family
!
address-family ipv6 vrf cust3
 redistribute connected
 neighbor 1430:1::2:1 remote-as 65000
 neighbor 1430:1::2:1 activate
exit-address-family
!
address-family ipv4 vrf cust30
 redistribute connected
 neighbor 143.1.30.1 remote-as 65000
 neighbor 143.1.30.1 activate
exit-address-family
!
address-family ipv6 vrf cust30
 redistribute connected
 neighbor 1430:1::1D:1 remote-as 65000
 neighbor 1430:1::1D:1 activate
exit-address-family
!
address-family ipv4 vrf cust31
 redistribute connected
 neighbor 143.1.31.1 remote-as 65000
 neighbor 143.1.31.1 activate
exit-address-family
!
address-family ipv6 vrf cust31
```

```
 redistribute connected
 neighbor 1430:1::1E:1 remote-as 65000
 neighbor 1430:1::1E:1 activate
exit-address-family
!
address-family ipv4 vrf cust32
 redistribute connected
 neighbor 143.1.32.1 remote-as 65000
 neighbor 143.1.32.1 activate
exit-address-family
!
address-family ipv6 vrf cust32
 redistribute connected
 neighbor 1430:1::1F:1 remote-as 65000
 neighbor 1430:1::1F:1 activate
exit-address-family
!
address-family ipv4 vrf cust33
 redistribute connected
 neighbor 143.1.33.1 remote-as 65000
 neighbor 143.1.33.1 activate
exit-address-family
!
address-family ipv6 vrf cust33
 redistribute connected
 neighbor 1430:1::20:1 remote-as 65000
 neighbor 1430:1::20:1 activate
exit-address-family
!
address-family ipv4 vrf cust34
 redistribute connected
 neighbor 143.1.34.1 remote-as 65000
 neighbor 143.1.34.1 activate
exit-address-family
!
address-family ipv6 vrf cust34
 redistribute connected
 neighbor 1430:1::21:1 remote-as 65000
 neighbor 1430:1::21:1 activate
exit-address-family
!
address-family ipv4 vrf cust35
 redistribute connected
 neighbor 143.1.35.1 remote-as 65000
 neighbor 143.1.35.1 activate
exit-address-family
!
address-family ipv6 vrf cust35
 redistribute connected
 neighbor 1430:1::22:1 remote-as 65000
 neighbor 1430:1::22:1 activate
exit-address-family
!
address-family ipv4 vrf cust36
 redistribute connected
 neighbor 143.1.36.1 remote-as 65000
 neighbor 143.1.36.1 activate
exit-address-family
!
address-family ipv6 vrf cust36
 redistribute connected
 neighbor 1430:1::23:1 remote-as 65000
 neighbor 1430:1::23:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust37
 redistribute connected
 neighbor 143.1.37.1 remote-as 65000
 neighbor 143.1.37.1 activate
exit-address-family
!
address-family ipv6 vrf cust37
 redistribute connected
 neighbor 1430:1::24:1 remote-as 65000
 neighbor 1430:1::24:1 activate
exit-address-family
!
address-family ipv4 vrf cust38
 redistribute connected
 neighbor 143.1.38.1 remote-as 65000
 neighbor 143.1.38.1 activate
exit-address-family
!
address-family ipv6 vrf cust38
 redistribute connected
 neighbor 1430:1::25:1 remote-as 65000
 neighbor 1430:1::25:1 activate
exit-address-family
!
address-family ipv4 vrf cust39
 redistribute connected
 neighbor 143.1.39.1 remote-as 65000
 neighbor 143.1.39.1 activate
exit-address-family
!
address-family ipv6 vrf cust39
 redistribute connected
 neighbor 1430:1::26:1 remote-as 65000
 neighbor 1430:1::26:1 activate
exit-address-family
!
address-family ipv4 vrf cust4
 redistribute connected
 neighbor 143.1.4.1 remote-as 65000
 neighbor 143.1.4.1 activate
exit-address-family
!
address-family ipv6 vrf cust4
 redistribute connected
 neighbor 1430:1::3:1 remote-as 65000
 neighbor 1430:1::3:1 activate
exit-address-family
!
address-family ipv4 vrf cust40
 redistribute connected
 neighbor 143.1.40.1 remote-as 65000
 neighbor 143.1.40.1 activate
exit-address-family
!
address-family ipv6 vrf cust40
 redistribute connected
 neighbor 1430:1::27:1 remote-as 65000
 neighbor 1430:1::27:1 activate
exit-address-family
!
address-family ipv4 vrf cust41
 redistribute connected
 neighbor 143.1.41.1 remote-as 65000
```

```
 neighbor 143.1.41.1 activate
exit-address-family
!
address-family ipv6 vrf cust41
 redistribute connected
 neighbor 1430:1::28:1 remote-as 65000
 neighbor 1430:1::28:1 activate
exit-address-family
!
address-family ipv4 vrf cust42
 redistribute connected
 neighbor 143.1.42.1 remote-as 65000
 neighbor 143.1.42.1 activate
exit-address-family
!
address-family ipv6 vrf cust42
 redistribute connected
 neighbor 1430:1::29:1 remote-as 65000
 neighbor 1430:1::29:1 activate
exit-address-family
!
address-family ipv4 vrf cust43
 redistribute connected
 neighbor 143.1.43.1 remote-as 65000
 neighbor 143.1.43.1 activate
exit-address-family
!
address-family ipv6 vrf cust43
 redistribute connected
 neighbor 1430:1::2A:1 remote-as 65000
 neighbor 1430:1::2A:1 activate
exit-address-family
!
address-family ipv4 vrf cust44
 redistribute connected
 neighbor 143.1.44.1 remote-as 65000
 neighbor 143.1.44.1 activate
exit-address-family
!
address-family ipv6 vrf cust44
 redistribute connected
 neighbor 1430:1::2B:1 remote-as 65000
 neighbor 1430:1::2B:1 activate
exit-address-family
!
address-family ipv4 vrf cust45
 redistribute connected
 neighbor 143.1.45.1 remote-as 65000
 neighbor 143.1.45.1 activate
exit-address-family
!
address-family ipv6 vrf cust45
 redistribute connected
 neighbor 1430:1::2C:1 remote-as 65000
 neighbor 1430:1::2C:1 activate
exit-address-family
!
address-family ipv4 vrf cust46
 redistribute connected
 neighbor 143.1.46.1 remote-as 65000
 neighbor 143.1.46.1 activate
exit-address-family
!
address-family ipv6 vrf cust46
```

```
 redistribute connected
 neighbor 1430:1::2D:1 remote-as 65000
 neighbor 1430:1::2D:1 activate
exit-address-family
!
address-family ipv4 vrf cust47
 redistribute connected
 neighbor 143.1.47.1 remote-as 65000
 neighbor 143.1.47.1 activate
exit-address-family
!
address-family ipv6 vrf cust47
 redistribute connected
 neighbor 1430:1::2E:1 remote-as 65000
 neighbor 1430:1::2E:1 activate
exit-address-family
!
address-family ipv4 vrf cust48
 redistribute connected
 neighbor 143.1.48.1 remote-as 65000
 neighbor 143.1.48.1 activate
exit-address-family
!
address-family ipv6 vrf cust48
 redistribute connected
 neighbor 1430:1::2F:1 remote-as 65000
 neighbor 1430:1::2F:1 activate
exit-address-family
!
address-family ipv4 vrf cust49
 redistribute connected
 neighbor 143.1.49.1 remote-as 65000
 neighbor 143.1.49.1 activate
exit-address-family
!
address-family ipv6 vrf cust49
 redistribute connected
 neighbor 1430:1::30:1 remote-as 65000
 neighbor 1430:1::30:1 activate
exit-address-family
!
address-family ipv4 vrf cust5
 redistribute connected
 neighbor 143.1.5.1 remote-as 65000
 neighbor 143.1.5.1 activate
exit-address-family
!
address-family ipv6 vrf cust5
 redistribute connected
 neighbor 1430:1::4:1 remote-as 65000
 neighbor 1430:1::4:1 activate
exit-address-family
!
address-family ipv4 vrf cust50
 redistribute connected
 neighbor 143.1.50.1 remote-as 65000
 neighbor 143.1.50.1 activate
exit-address-family
!
address-family ipv6 vrf cust50
 redistribute connected
 neighbor 1430:1::31:1 remote-as 65000
 neighbor 1430:1::31:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust51
 redistribute connected
 neighbor 143.1.51.1 remote-as 65000
 neighbor 143.1.51.1 activate
exit-address-family
!
address-family ipv6 vrf cust51
 redistribute connected
 neighbor 1430:1::32:1 remote-as 65000
 neighbor 1430:1::32:1 activate
exit-address-family
!
address-family ipv4 vrf cust52
 redistribute connected
 neighbor 143.1.52.1 remote-as 65000
 neighbor 143.1.52.1 activate
exit-address-family
!
address-family ipv6 vrf cust52
 redistribute connected
 neighbor 1430:1::33:1 remote-as 65000
 neighbor 1430:1::33:1 activate
exit-address-family
!
address-family ipv4 vrf cust53
 redistribute connected
 neighbor 143.1.53.1 remote-as 65000
 neighbor 143.1.53.1 activate
exit-address-family
!
address-family ipv6 vrf cust53
 redistribute connected
 neighbor 1430:1::34:1 remote-as 65000
 neighbor 1430:1::34:1 activate
exit-address-family
!
address-family ipv4 vrf cust54
 redistribute connected
 neighbor 143.1.54.1 remote-as 65000
 neighbor 143.1.54.1 activate
exit-address-family
!
address-family ipv6 vrf cust54
 redistribute connected
 neighbor 1430:1::35:1 remote-as 65000
 neighbor 1430:1::35:1 activate
exit-address-family
!
address-family ipv4 vrf cust55
 redistribute connected
 neighbor 143.1.55.1 remote-as 65000
 neighbor 143.1.55.1 activate
exit-address-family
!
address-family ipv6 vrf cust55
 redistribute connected
 neighbor 1430:1::36:1 remote-as 65000
 neighbor 1430:1::36:1 activate
exit-address-family
!
address-family ipv4 vrf cust56
 redistribute connected
 neighbor 143.1.56.1 remote-as 65000
```

```
 neighbor 143.1.56.1 activate
exit-address-family
!
address-family ipv6 vrf cust56
 redistribute connected
 neighbor 1430:1::37:1 remote-as 65000
 neighbor 1430:1::37:1 activate
exit-address-family
!
address-family ipv4 vrf cust57
 redistribute connected
 neighbor 143.1.57.1 remote-as 65000
 neighbor 143.1.57.1 activate
exit-address-family
!
address-family ipv6 vrf cust57
 redistribute connected
 neighbor 1430:1::38:1 remote-as 65000
 neighbor 1430:1::38:1 activate
exit-address-family
!
address-family ipv4 vrf cust58
 redistribute connected
 neighbor 143.1.58.1 remote-as 65000
 neighbor 143.1.58.1 activate
exit-address-family
!
address-family ipv6 vrf cust58
 redistribute connected
 neighbor 1430:1::39:1 remote-as 65000
 neighbor 1430:1::39:1 activate
exit-address-family
!
address-family ipv4 vrf cust59
 redistribute connected
 neighbor 143.1.59.1 remote-as 65000
 neighbor 143.1.59.1 activate
exit-address-family
!
address-family ipv6 vrf cust59
 redistribute connected
 neighbor 1430:1::3A:1 remote-as 65000
 neighbor 1430:1::3A:1 activate
exit-address-family
!
address-family ipv4 vrf cust6
 redistribute connected
 neighbor 143.1.6.1 remote-as 65000
 neighbor 143.1.6.1 activate
exit-address-family
!
address-family ipv6 vrf cust6
 redistribute connected
 neighbor 1430:1::5:1 remote-as 65000
 neighbor 1430:1::5:1 activate
exit-address-family
!
address-family ipv4 vrf cust60
 redistribute connected
 neighbor 143.1.60.1 remote-as 65000
 neighbor 143.1.60.1 activate
exit-address-family
!
address-family ipv6 vrf cust60
```

```
 redistribute connected
 neighbor 1430:1::3B:1 remote-as 65000
 neighbor 1430:1::3B:1 activate
exit-address-family
!
address-family ipv4 vrf cust61
 redistribute connected
 neighbor 143.1.61.1 remote-as 65000
 neighbor 143.1.61.1 activate
exit-address-family
!
address-family ipv6 vrf cust61
 redistribute connected
 neighbor 1430:1::3C:1 remote-as 65000
 neighbor 1430:1::3C:1 activate
exit-address-family
!
address-family ipv4 vrf cust62
 redistribute connected
 neighbor 143.1.62.1 remote-as 65000
 neighbor 143.1.62.1 activate
exit-address-family
!
address-family ipv6 vrf cust62
 redistribute connected
 neighbor 1430:1::3D:1 remote-as 65000
 neighbor 1430:1::3D:1 activate
exit-address-family
!
address-family ipv4 vrf cust63
 redistribute connected
 neighbor 143.1.63.1 remote-as 65000
 neighbor 143.1.63.1 activate
exit-address-family
!
address-family ipv6 vrf cust63
 redistribute connected
 neighbor 1430:1::3E:1 remote-as 65000
 neighbor 1430:1::3E:1 activate
exit-address-family
!
address-family ipv4 vrf cust64
 redistribute connected
 neighbor 143.1.64.1 remote-as 65000
 neighbor 143.1.64.1 activate
exit-address-family
!
address-family ipv6 vrf cust64
 redistribute connected
 neighbor 1430:1::3F:1 remote-as 65000
 neighbor 1430:1::3F:1 activate
exit-address-family
!
address-family ipv4 vrf cust65
 redistribute connected
 neighbor 143.1.65.1 remote-as 65000
 neighbor 143.1.65.1 activate
exit-address-family
!
address-family ipv6 vrf cust65
 redistribute connected
 neighbor 1430:1::40:1 remote-as 65000
 neighbor 1430:1::40:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust66
 redistribute connected
 neighbor 143.1.66.1 remote-as 65000
 neighbor 143.1.66.1 activate
exit-address-family
!
address-family ipv6 vrf cust66
 redistribute connected
 neighbor 1430:1::41:1 remote-as 65000
 neighbor 1430:1::41:1 activate
exit-address-family
!
address-family ipv4 vrf cust67
 redistribute connected
 neighbor 143.1.67.1 remote-as 65000
 neighbor 143.1.67.1 activate
exit-address-family
!
address-family ipv6 vrf cust67
 redistribute connected
 neighbor 1430:1::42:1 remote-as 65000
 neighbor 1430:1::42:1 activate
exit-address-family
!
address-family ipv4 vrf cust68
 redistribute connected
 neighbor 143.1.68.1 remote-as 65000
 neighbor 143.1.68.1 activate
exit-address-family
!
address-family ipv6 vrf cust68
 redistribute connected
 neighbor 1430:1::43:1 remote-as 65000
 neighbor 1430:1::43:1 activate
exit-address-family
!
address-family ipv4 vrf cust69
 redistribute connected
 neighbor 143.1.69.1 remote-as 65000
 neighbor 143.1.69.1 activate
exit-address-family
!
address-family ipv6 vrf cust69
 redistribute connected
 neighbor 1430:1::44:1 remote-as 65000
 neighbor 1430:1::44:1 activate
exit-address-family
!
address-family ipv4 vrf cust7
 redistribute connected
 neighbor 143.1.7.1 remote-as 65000
 neighbor 143.1.7.1 activate
exit-address-family
!
address-family ipv6 vrf cust7
 redistribute connected
 neighbor 1430:1::6:1 remote-as 65000
 neighbor 1430:1::6:1 activate
exit-address-family
!
address-family ipv4 vrf cust70
 redistribute connected
 neighbor 143.1.70.1 remote-as 65000
```

```
 neighbor 143.1.70.1 activate
exit-address-family
!
address-family ipv6 vrf cust70
 redistribute connected
 neighbor 1430:1::45:1 remote-as 65000
 neighbor 1430:1::45:1 activate
exit-address-family
!
address-family ipv4 vrf cust71
 redistribute connected
 neighbor 143.1.71.1 remote-as 65000
 neighbor 143.1.71.1 activate
exit-address-family
!
address-family ipv6 vrf cust71
 redistribute connected
 neighbor 1430:1::46:1 remote-as 65000
 neighbor 1430:1::46:1 activate
exit-address-family
!
address-family ipv4 vrf cust72
 redistribute connected
 neighbor 143.1.72.1 remote-as 65000
 neighbor 143.1.72.1 activate
exit-address-family
!
address-family ipv6 vrf cust72
 redistribute connected
 neighbor 1430:1::47:1 remote-as 65000
 neighbor 1430:1::47:1 activate
exit-address-family
!
address-family ipv4 vrf cust73
 redistribute connected
 neighbor 143.1.73.1 remote-as 65000
 neighbor 143.1.73.1 activate
exit-address-family
!
address-family ipv6 vrf cust73
 redistribute connected
 neighbor 1430:1::48:1 remote-as 65000
 neighbor 1430:1::48:1 activate
exit-address-family
!
address-family ipv4 vrf cust74
 redistribute connected
 neighbor 143.1.74.1 remote-as 65000
 neighbor 143.1.74.1 activate
exit-address-family
!
address-family ipv6 vrf cust74
 redistribute connected
 neighbor 1430:1::49:1 remote-as 65000
 neighbor 1430:1::49:1 activate
exit-address-family
!
address-family ipv4 vrf cust75
 redistribute connected
 neighbor 143.1.75.1 remote-as 65000
 neighbor 143.1.75.1 activate
exit-address-family
!
address-family ipv6 vrf cust75
```

```
 redistribute connected
 neighbor 1430:1::4A:1 remote-as 65000
 neighbor 1430:1::4A:1 activate
exit-address-family
!
address-family ipv4 vrf cust76
 redistribute connected
 neighbor 143.1.76.1 remote-as 65000
 neighbor 143.1.76.1 activate
exit-address-family
!
address-family ipv6 vrf cust76
 redistribute connected
 neighbor 1430:1::4B:1 remote-as 65000
 neighbor 1430:1::4B:1 activate
exit-address-family
!
address-family ipv4 vrf cust77
 redistribute connected
 neighbor 143.1.77.1 remote-as 65000
 neighbor 143.1.77.1 activate
exit-address-family
!
address-family ipv6 vrf cust77
 redistribute connected
 neighbor 1430:1::4C:1 remote-as 65000
 neighbor 1430:1::4C:1 activate
exit-address-family
!
address-family ipv4 vrf cust78
 redistribute connected
 neighbor 143.1.78.1 remote-as 65000
 neighbor 143.1.78.1 activate
exit-address-family
!
address-family ipv6 vrf cust78
 redistribute connected
 neighbor 1430:1::4D:1 remote-as 65000
 neighbor 1430:1::4D:1 activate
exit-address-family
!
address-family ipv4 vrf cust79
 redistribute connected
 neighbor 143.1.79.1 remote-as 65000
 neighbor 143.1.79.1 activate
exit-address-family
!
address-family ipv6 vrf cust79
 redistribute connected
 neighbor 1430:1::4E:1 remote-as 65000
 neighbor 1430:1::4E:1 activate
exit-address-family
!
address-family ipv4 vrf cust8
 redistribute connected
 neighbor 143.1.8.1 remote-as 65000
 neighbor 143.1.8.1 activate
exit-address-family
!
address-family ipv6 vrf cust8
 redistribute connected
 neighbor 1430:1::7:1 remote-as 65000
 neighbor 1430:1::7:1 activate
exit-address-family
```

```
!
address-family ipv4 vrf cust80
 redistribute connected
 neighbor 143.1.80.1 remote-as 65000
 neighbor 143.1.80.1 activate
exit-address-family
!
address-family ipv6 vrf cust80
 redistribute connected
 neighbor 1430:1::4F:1 remote-as 65000
 neighbor 1430:1::4F:1 activate
exit-address-family
!
address-family ipv4 vrf cust81
 redistribute connected
 neighbor 143.1.81.1 remote-as 65000
 neighbor 143.1.81.1 activate
exit-address-family
!
address-family ipv6 vrf cust81
 redistribute connected
 neighbor 1430:1::50:1 remote-as 65000
 neighbor 1430:1::50:1 activate
exit-address-family
!
address-family ipv4 vrf cust82
 redistribute connected
 neighbor 143.1.82.1 remote-as 65000
 neighbor 143.1.82.1 activate
exit-address-family
!
address-family ipv6 vrf cust82
 redistribute connected
 neighbor 1430:1::51:1 remote-as 65000
 neighbor 1430:1::51:1 activate
exit-address-family
!
address-family ipv4 vrf cust83
 redistribute connected
 neighbor 143.1.83.1 remote-as 65000
 neighbor 143.1.83.1 activate
exit-address-family
!
address-family ipv6 vrf cust83
 redistribute connected
 neighbor 1430:1::52:1 remote-as 65000
 neighbor 1430:1::52:1 activate
exit-address-family
!
address-family ipv4 vrf cust84
 redistribute connected
 neighbor 143.1.84.1 remote-as 65000
 neighbor 143.1.84.1 activate
exit-address-family
!
address-family ipv6 vrf cust84
 redistribute connected
 neighbor 1430:1::53:1 remote-as 65000
 neighbor 1430:1::53:1 activate
exit-address-family
!
address-family ipv4 vrf cust85
 redistribute connected
 neighbor 143.1.85.1 remote-as 65000
```

```
 neighbor 143.1.85.1 activate
exit-address-family
!
address-family ipv6 vrf cust85
 redistribute connected
 neighbor 1430:1::54:1 remote-as 65000
 neighbor 1430:1::54:1 activate
exit-address-family
!
address-family ipv4 vrf cust86
 redistribute connected
 neighbor 143.1.86.1 remote-as 65000
 neighbor 143.1.86.1 activate
exit-address-family
!
address-family ipv6 vrf cust86
 redistribute connected
 neighbor 1430:1::55:1 remote-as 65000
 neighbor 1430:1::55:1 activate
exit-address-family
!
address-family ipv4 vrf cust87
 redistribute connected
 neighbor 143.1.87.1 remote-as 65000
 neighbor 143.1.87.1 activate
exit-address-family
!
address-family ipv6 vrf cust87
 redistribute connected
 neighbor 1430:1::56:1 remote-as 65000
 neighbor 1430:1::56:1 activate
exit-address-family
!
address-family ipv4 vrf cust88
 redistribute connected
 neighbor 143.1.88.1 remote-as 65000
 neighbor 143.1.88.1 activate
exit-address-family
!
address-family ipv6 vrf cust88
 redistribute connected
 neighbor 1430:1::57:1 remote-as 65000
 neighbor 1430:1::57:1 activate
exit-address-family
!
address-family ipv4 vrf cust89
 redistribute connected
 neighbor 143.1.89.1 remote-as 65000
 neighbor 143.1.89.1 activate
exit-address-family
!
address-family ipv6 vrf cust89
 redistribute connected
 neighbor 1430:1::58:1 remote-as 65000
 neighbor 1430:1::58:1 activate
exit-address-family
!
address-family ipv4 vrf cust9
 redistribute connected
 neighbor 143.1.9.1 remote-as 65000
 neighbor 143.1.9.1 activate
exit-address-family
!
address-family ipv6 vrf cust9
```

```
 redistribute connected
 neighbor 1430:1::8:1 remote-as 65000
 neighbor 1430:1::8:1 activate
exit-address-family
!
address-family ipv4 vrf cust90
 redistribute connected
 neighbor 143.1.90.1 remote-as 65000
 neighbor 143.1.90.1 activate
exit-address-family
!
address-family ipv6 vrf cust90
 redistribute connected
 neighbor 1430:1::59:1 remote-as 65000
 neighbor 1430:1::59:1 activate
exit-address-family
!
address-family ipv4 vrf cust91
 redistribute connected
 neighbor 143.1.91.1 remote-as 65000
 neighbor 143.1.91.1 activate
exit-address-family
!
address-family ipv6 vrf cust91
 redistribute connected
 neighbor 1430:1::5A:1 remote-as 65000
 neighbor 1430:1::5A:1 activate
exit-address-family
!
address-family ipv4 vrf cust92
 redistribute connected
 neighbor 143.1.92.1 remote-as 65000
 neighbor 143.1.92.1 activate
exit-address-family
!
address-family ipv6 vrf cust92
 redistribute connected
 neighbor 1430:1::5B:1 remote-as 65000
 neighbor 1430:1::5B:1 activate
exit-address-family
!
address-family ipv4 vrf cust93
 redistribute connected
 neighbor 143.1.93.1 remote-as 65000
 neighbor 143.1.93.1 activate
exit-address-family
!
address-family ipv6 vrf cust93
 redistribute connected
 neighbor 1430:1::5C:1 remote-as 65000
 neighbor 1430:1::5C:1 activate
exit-address-family
!
address-family ipv4 vrf cust94
 redistribute connected
 neighbor 143.1.94.1 remote-as 65000
 neighbor 143.1.94.1 activate
exit-address-family
!
address-family ipv6 vrf cust94
 redistribute connected
 neighbor 1430:1::5D:1 remote-as 65000
 neighbor 1430:1::5D:1 activate
exit-address-family
```

```
 !
 address-family ipv4 vrf cust95
  redistribute connected
  neighbor 143.1.95.1 remote-as 65000
  neighbor 143.1.95.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust95
  redistribute connected
  neighbor 1430:1::5E:1 remote-as 65000
  neighbor 1430:1::5E:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust96
  redistribute connected
  neighbor 143.1.96.1 remote-as 65000
  neighbor 143.1.96.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust96
  redistribute connected
  neighbor 1430:1::5F:1 remote-as 65000
  neighbor 1430:1::5F:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust97
  redistribute connected
  neighbor 143.1.97.1 remote-as 65000
  neighbor 143.1.97.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust97
  redistribute connected
  neighbor 1430:1::60:1 remote-as 65000
  neighbor 1430:1::60:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust98
  redistribute connected
  neighbor 143.1.98.1 remote-as 65000
  neighbor 143.1.98.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust98
  redistribute connected
  neighbor 1430:1::61:1 remote-as 65000
  neighbor 1430:1::61:1 activate
 exit-address-family
 !
 address-family ipv4 vrf cust99
  redistribute connected
  neighbor 143.1.99.1 remote-as 65000
  neighbor 143.1.99.1 activate
 exit-address-family
 !
 address-family ipv6 vrf cust99
  redistribute connected
  neighbor 1430:1::62:1 remote-as 65000
  neighbor 1430:1::62:1 activate
 exit-address-family
!
ip forward-protocol nd
ip forward-protocol udp
ip pim vrf cust1 rp-address 66.0.0.1
```

```
ip tcp selective-ack
ip tcp mss 1460
ip tftp source-interface Vlan233
ip tftp blocksize 8192
ip dns server
ip http server
ip http authentication local
ip http secure-server
ip http client source-interface Vlan333
ip tacacs source-interface Vlan333
!
ip route 0.0.0.0 0.0.0.0 9.44.0.1
ip route 10.104.45.174 255.255.255.255 9.44.0.1
ip route 10.104.45.220 255.255.255.255 9.44.0.1
ip route 10.104.45.246 255.255.255.255 9.44.0.1
ip route 70.70.70.125 255.255.255.255 101.101.8.1
ip route 202.153.144.25 255.255.255.255 9.44.0.1
ip route 202.153.144.25 255.255.255.255 11.3.0.1
ip route 202.153.144.90 255.255.255.255 9.44.0.1
ip route vrf cust1 70.70.70.0 255.255.255.0 101.101.8.1
ip ssh bulk-mode 131072
!
ip access-list extended CM_ACL
 10 permit ip 1.1.0.0 0.0.255.255 2.2.0.0 0.0.255.255
ip access-list extended GETVPN-FAILCLOSE-IN-bw600-LAB
 20 permit ip any any
ip access-list extended GETVPN-FAILCLOSE-OUT-bw600-LAB
 10 permit ip any any
ip access-list extended fc_revert_ipv4
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 deny ip any 15.0.0.0 0.255.255.255
 121 deny ip 115.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 122 deny ip 115.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 123 deny ip 117.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 127 deny ip 190.0.0.0 0.255.255.255 225.0.0.0 0.255.255.255
 137 deny ip 190.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 147 deny ip 115.0.0.0 0.255.255.255 131.0.0.0 0.255.255.255
 157 deny ip 131.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 161 deny ip any 224.0.0.0 0.255.255.255
ip sla 20
 udp-jitter 15.0.0.1 16384 source-ip 143.1.1.2 source-port 16384 num-packets 100 interval
10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 20 life forever start-time now
ip sla 30
```

```
 udp-jitter 15.0.0.5 16385 source-ip 143.1.1.2 source-port 16385 num-packets 100 interval
10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 30 life forever start-time now
ip sla 50
 udp-jitter 115.1.1.1 16376 source-ip 131.1.1.1 source-port 16376 num-packets 100 interval
 10
  request-data-size 50
  tos 230
  verify-data
  vrf cust1
  owner IP_SLA_TEST
  tag Regional
  threshold 35
  history distributions-of-statistics-kept 2
  history statistics-distribution-interval 30
  history enhanced interval 120 buckets 40
ip sla schedule 50 life forever start-time now
ip sla 200
 udp-jitter 15.0.0.1 16322 codec g711alaw codec-numpackets 60000
  tag get_tag
ip sla 203
 icmp-echo 15.0.0.1 source-ip 1.1.23.33
  request-data-size 55
  threshold 6000
ip sla 204
 icmp-echo 15.0.0.1 source-interface GigabitEthernet0/0/1
ip sla snmp extend tag
ip sla logging traps
ip sla responder
ip sla responder twamp
 timeout 604800
ip sla responder udp-echo ipaddress 15.0.0.1 port 6554
snmp-server community SNMP RW
snmp-server community public-read RO
snmp-server community public-rw RW
snmp-server community LIVE RW
snmp-server community DNAC RO
snmp-server trap link switchover
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps vrrp
snmp-server enable traps flowmon
snmp-server enable traps pfr
snmp-server enable traps ds1
snmp-server enable traps entity-perf throughput-notif
snmp-server enable traps call-home message-send-fail server-fail
snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps casa
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface
```

```
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps bfd
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change
inconsistency
snmp-server enable traps config-copy
snmp-server enable traps config
snmp-server enable traps config-ctid
snmp-server enable traps memory bufferpeak
snmp-server enable traps fru-ctrl
snmp-server enable traps entity
snmp-server enable traps event-manager
snmp-server enable traps frame-relay
snmp-server enable traps frame-relay subif
snmp-server enable traps hsrp
snmp-server enable traps entity-state
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up
snmp-server enable traps ether-oam
snmp-server enable traps ethernet evc status create delete
snmp-server enable traps entity-qfp mem-res-thresh throughput-notif
snmp-server enable traps entity-sensor
snmp-server enable traps flash insertion removal lowspace
snmp-server enable traps adslline
snmp-server enable traps vdsl2line
snmp-server enable traps isdn call-information
snmp-server enable traps isdn layer2
snmp-server enable traps isdn chan-not-avail
snmp-server enable traps isdn ietf
snmp-server enable traps cnpd
snmp-server enable traps srp
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached
scheduled-test-fail
snmp-server enable traps aaa_server
snmp-server enable traps atm subif
snmp-server enable traps bgp state-changes all backward-trans limited updown-limited
snmp-server enable traps bgp threshold prefix
snmp-server enable traps bgp cbgp2 state-changes all backward-trans limited updown-limited
snmp-server enable traps bgp cbgp2 threshold prefix
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps ipmulticast
snmp-server enable traps msdp
snmp-server enable traps mvpn
snmp-server enable traps rsvp
snmp-server enable traps isis
snmp-server enable traps dhcp
snmp-server enable traps ip local pool
snmp-server enable traps ospfv3 state-change
snmp-server enable traps ospfv3 errors
snmp-server enable traps pppoe
snmp-server enable traps cpu threshold
snmp-server enable traps ipsla
snmp-server enable traps syslog
snmp-server enable traps smart-license
snmp-server enable traps pimstdmib neighbor-loss invalid-register invalid-join-prune
rp-mapping-change interface-election
snmp-server enable traps frame-relay multilink bundle-mismatch
snmp-server enable traps sonet
snmp-server enable traps dlsw
snmp-server enable traps resource-policy
snmp-server enable traps lisp
snmp-server enable traps otn
```

```
snmp-server enable traps l2tun session
snmp-server enable traps l2tun pseudowire status
snmp-server enable traps pw vc
snmp-server enable traps auth-framework sec-violation
snmp-server enable traps dsp card-status
snmp-server enable traps dsp oper-state
snmp-server enable traps dsp video-usage
snmp-server enable traps dsp video-out-of-resource
snmp-server enable traps firewall serverstatus
snmp-server enable traps ike policy add
snmp-server enable traps ike policy delete
snmp-server enable traps ike tunnel start
snmp-server enable traps ike tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps gdoi gm-start-registration
snmp-server enable traps gdoi gm-registration-complete
snmp-server enable traps gdoi gm-re-register
snmp-server enable traps gdoi gm-rekey-rcvd
snmp-server enable traps gdoi gm-rekey-fail
snmp-server enable traps gdoi ks-rekey-pushed
snmp-server enable traps gdoi gm-incomplete-cfg
snmp-server enable traps gdoi ks-no-rsa-keys
snmp-server enable traps gdoi ks-new-registration
snmp-server enable traps gdoi ks-reg-complete
snmp-server enable traps gdoi ks-role-change
snmp-server enable traps gdoi ks-gm-deleted
snmp-server enable traps gdoi ks-peer-reachable
snmp-server enable traps gdoi ks-peer-unreachable
snmp-server enable traps pki
snmp-server enable traps mpls rfc ldp
snmp-server enable traps mpls ldp
snmp-server enable traps mpls rfc traffic-eng
snmp-server enable traps mpls traffic-eng
snmp-server enable traps mpls fast-reroute protected
snmp-server enable traps alarms informational
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps ethernet cfm alarm
snmp-server enable traps rf
snmp-server enable traps transceiver all
snmp-server enable traps vrfmib vrf-up vrf-down vnet-trunk-up vnet-trunk-down
snmp-server enable traps mpls vpn
snmp-server enable traps mpls rfc vpn
snmp-server host 10.104.45.246 version 2c SNMP udp-port 1234
snmp-server host 11.3.6.36 version 2c SNMP udp-port 1234
snmp-server host 10.104.45.124 version 2c public
snmp-server host 10.104.45.157 version 2c public
snmp-server host 10.104.45.124 version 2c public2
snmp-server host 10.104.45.157 version 2c public2
snmp-server manager
!
!
!
!
!
ipv6 access-list GETVPN-FAILCLOSE-IN-BW600-IPV6-LAB
 sequence 10 permit ipv6 any any
!
ipv6 access-list GETVPN-FAILCLOSE-OUT-BW600-IPV6-LAB
```

```
 sequence 10 permit ipv6 any any
!
ipv6 access-list PERMIT-ANY-INCOMING-IPv6
 sequence 10 permit ipv6 any any
!
ipv6 access-list fc_revert_ipv6
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 151 deny ipv6 FE80::/16 FF02::/16
 sequence 152 deny ipv6 FF02::/16 FE80::/16
 sequence 153 deny ipv6 FE00::/8 FE00::/8
 sequence 154 deny ipv6 FF00::/8 FF00::/8
 sequence 160 deny ipv6 1150::/16 1310::/16
 sequence 161 deny ipv6 1310::/16 1150::/16
!
control-plane
!
!
mgcp behavior rsip-range tgcp-only
mgcp behavior comedia-role none
mgcp behavior comedia-check-media-src disable
mgcp behavior comedia-sdp-force disable
!
mgcp profile default
!
!
!
!
!
alias exec binos request platform so system shell
alias exec rotate request platform software trace rotate all
alias exec cedrop sh plat ha qfp act fea ipsec dat drop clear
alias exec qfpdrop sh platform hardware qfp active statistics drop clear
alias exec cestats show platform hard crypto-device statistic
alias exec clearc clear cry sa counter
alias exec crypt show crypto ipsec sa | inc crypt:
!
line con 0
 exec-timeout 0 0
 stopbits 1
line vty 0 4
 transport input ssh
line vty 5 14
 transport input ssh
!
exception crashinfo maximum files 32
monitor drop log urpf
ntp trusted-key 1
ntp server 11.3.6.10 prefer
call-home
 ! If contact email address in call-home is configured as sch-smart-licensing@cisco.com
 ! the email address configured in Cisco Smart License Portal will be used as contact email
```

```
 address to send SCH notifications.
 contact-email-addr sch-smart-licensing@cisco.com
 profile "CiscoTAC-1"
  active
  destination transport-method http
!
!
netconf ssh
!
!
!
!
!
telemetry ietf subscription 294967224
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967225
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967226
 filter xpath /crypto-ios-xe-events:nhrp-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967227
 filter xpath /crypto-ios-xe-events:ike-ipsec-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967228
 filter xpath /crypto-ios-xe-events:ike-ipsec-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967229
 filter xpath /qfp-resource-ios-xe-events:qfp-exmem-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967232
 filter xpath /utd-ios-xe-events:utd-con
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967233
 filter xpath /red-app-events:red-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967234
 filter xpath /sse-ios-xe-events:sse-tunnel-params-absent
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967240
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967243
```

```
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-expiry
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967244
 filter xpath /line-ios-xe-events:line-state-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967245
 filter xpath /ospf-ios-xe-events:ospfv3-nbr-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967246
 filter xpath /ospf-ios-xe-events:ospfv3-if-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967258
 filter xpath /ios-events-ios-xe-oper:usb-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967259
 filter xpath /ios-events-ios-xe-oper:tempsensor-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967260
 filter xpath /ios-events-ios-xe-oper:tempsensor-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967261
 filter xpath /ios-events-ios-xe-oper:system-reboot-issued
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967262
 filter xpath /ios-events-ios-xe-oper:system-reboot-complete
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967263
 filter xpath /ios-events-ios-xe-oper:system-logout-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967264
 filter xpath /ios-events-ios-xe-oper:system-login-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967265
 filter xpath /ios-events-ios-xe-oper:system-aaa-login-fail
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967267
 filter xpath /ios-events-ios-xe-oper:sfp-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
```

```
telemetry ietf subscription 294967271
 filter xpath /ios-events-ios-xe-oper:pem-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967272
 filter xpath /ios-events-ios-xe-oper:pem-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967273
 filter xpath /ios-events-ios-xe-oper:ospf-neighbor-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967274
 filter xpath /ios-events-ios-xe-oper:ospf-interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967275
 filter xpath /ios-events-ios-xe-oper:memory-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967276
 filter xpath /ios-events-ios-xe-oper:interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967277
 filter xpath /ios-events-ios-xe-oper:interface-admin-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967280
 filter xpath /ios-events-ios-xe-oper:fantray-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967281
 filter xpath /ios-events-ios-xe-oper:fan-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967283
 filter xpath /ios-events-ios-xe-oper:disk-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967289
 filter xpath /ios-events-ios-xe-oper:cpu-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967293
 filter xpath /ios-events-ios-xe-oper:bgp-peer-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967295
 filter xpath /ios-events-ios-xe-oper:aaa-admin-pwd-change
 stream rfc5277
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 2094967244
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967245
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967246
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-file-upload-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967253
 filter xpath /im-events-ios-xe-oper:im-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry receiver protocol confd-rfc5277
 host ip-address 0.0.0.0 0
 protocol rfc5277
netconf-yang
netconf-yang feature candidate-datastore
yang-interfaces feature deprecated disable
sd-routing
 no ipv6-strict-control
 organization-name vmng-scale-ind-getvpn
 site-id 201609
 sp-organization-name vmng-scale-ind
 system-ip 223.1.1.9
 vbond name vbond1
 vbond port 12346
 wan-interface Loopback111
  vmanage-connection-preference 6
 wan-interface GigabitEthernet0/1/6
  vmanage-connection-preference 7
```

```
end
```

WAN Aggregation GETVPN KS1 yang commands

Configuration example for KS1

```
!
! Last configuration change at 12:59:10 IST Mon Dec 2 2024 by admin
! NVRAM config last updated at 09:58:34 IST Mon Nov 11 2024 by admin
!
version 17.16
service timestamps debug datetime msec localtime show-timezone
service timestamps log datetime localtime
service password-encryption
service internal
service call-home
platform qfp utilization monitor load 80
no platform punt-keepalive disable-kernel-core
platform hardware crypto-throughput level 8-25g
!
hostname ks1
!
boot-start-marker
boot system
bootflash:asr1000-universalk9.BLD_V1716_THROTTLE_LATEST_20241101_033152_V17_16_0_50.SSA.bin
! Warning: Booting with bundle mode will be deprecated in the near future. Migration to
install mode is required.
boot-end-marker
!
!
vrf definition KS-VRF1
 rd 200:1
 !
 address-family ipv4
  route-target export 200:1
  route-target import 200:1
 exit-address-family
!
vrf definition Mgmt-intf
 !
 address-family ipv4
 exit-address-family
 !
 address-family ipv6
 exit-address-family
!
logging count
logging queue-limit 10000
logging buffered 999999999
aaa new-model
!
!
aaa group server tacacs+ mgmt
 server-private 10.104.45.220 key 7 131112011F050A2D7A767B
 server-private 9.45.47.245 key 7 105A0C0A111E1C0C5D5679
 ip vrf forwarding Mgmt-intf
 ip tacacs source-interface GigabitEthernet0
!
aaa authentication login default local
aaa authentication enable default enable
aaa authorization console
aaa authorization exec default local
!
```

```
!
aaa session-id common
clock timezone IST 5 30
!
!
subscriber service multiple-accept
subscriber templating
subscriber session auto-service-fail-ignore
!
ip host vbond1 70.70.70.125
ip name-server 171.70.168.183 72.163.128.140
ip domain name cisco.com
ip domain name vrf Mgmt-intf cisco.com
!
!
!
!
!
!
!
!
!
!
login on-success log
!
!
!
!
!
!
!
!
!
!
!
!
crypto pki trustpoint SLA-TrustPoint
 enrollment terminal
 revocation-check crl
 hash sha256
!
crypto pki trustpoint DNAC-CA
 enrollment mode ra
 enrollment terminal
 usage ssl-client
 revocation-check crl none
 hash sha256
!
crypto pki trustpoint TP-self-signed-3289175179
 enrollment selfsigned
 subject-name cn=IOS-Self-Signed-Certificate-3289175179
 revocation-check none
 rsakeypair TP-self-signed-3289175179
 hash sha512
!
crypto pki trustpoint CA_SERVER
 enrollment retry count 100
 enrollment retry period 2
 enrollment url http://11.3.6.10:80
 serial-number
 ip-address GigabitEthernet0
 subject-name cn=cisco1.cisco.com
```

```
 subject-alt-name cisco1.cisco.com
 vrf Mgmt-intf
 revocation-check crl
 source interface GigabitEthernet0
 rsakeypair cisco3key 2048
 hash sha256
!
crypto pki trustpoint ROOT
 enrollment terminal pem
 revocation-check none
 rsakeypair ROOT
 hash sha512
!
crypto pki trustpoint tp_wo_pass_enc
 enrollment profile profile_wo_pass_enc_p
 subject-name cn=test_11
 vrf Mgmt-intf
 revocation-check none
 rsakeypair tp_wo_pass_enc 2048
 hash sha512
!
crypto pki profile enrollment profile_wo_pass_enc_p
 method-est
 enrollment url  https://11.3.9.66:443
 enrollment http username cisco password 0 <removed>
 source-interface GigabitEthernet0
!
!
crypto pki certificate chain SLA-TrustPoint
 certificate ca 01
  30820321 30820209 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32310E30 0C060355 040A1305 43697363 6F312030 1E060355 04031317 43697363
  6F204C69 63656E73 696E6720 526F6F74 20434130 1E170D31 33303533 30313934
  3834375A 170D3338 30353330 31393438 34375A30 32310E30 0C060355 040A1305
  43697363 6F312030 1E060355 04031317 43697363 6F204C69 63656E73 696E6720
  526F6F74 20434130 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 A6BCBD96 131E05F7 145EA72C 2CD686E6 17222EA1 F1EFF64D
  CBB4C798 212AA147 C655D8D7 9471380D 8711441E 1AAF071A 9CAE6388 8A38E520
  1C394D78 462EF239 C659F715 B98C0A59 5BBB5CBD 0CFEBEA3 700A8BF7 D8F256EE
  4AA4E80D DB6FD1C9 60B1FD18 FFC69C96 6FA68957 A2617DE7 104FDC5F EA2956AC
  7390A3EB 2B5436AD C847A2C5 DAB553EB 69A9A535 58E9F3E3 C0BD23CF 58BD7188
  68E69491 20F320E7 948E71D7 AE3BCC84 F10684C7 4BC8E00F 539BA42B 42C68BB7
  C7479096 B4CB2D62 EA2F505D C7B062A4 6811D95B E8250FC4 5D5D5FB8 8F27D191
  C55F0D76 61F9A4CD 3D992327 A8BB03BD 4E6D7069 7CBADF8B DF5F4368 95135E44
  DFC7C6CF 04DD7FD1 02030100 01A34230 40300E06 03551D0F 0101FF04 04030201
  06300F06 03551D13 0101FF04 05300301 01FF301D 0603551D 0E041604 1449DC85
  4B3D31E5 1B3E6A17 606AF333 3D3B4C73 E8300D06 092A8648 86F70D01 010B0500
  03820101 00507F24 D3932A66 86025D9F E838AE5C 6D4DF6B0 49631C78 240DA905
  604EDCDE FF4FED2B 77FC460E CD636FDB DD44681E 3A5673AB 9093D3B1 6C9E3D8B
  D98987BF E40CBD9E 1AECA0C2 2189BB5C 8FA85686 CD98B646 5575B146 8DFC66A8
  467A3DF4 4D565700 6ADF0F0D CF835015 3C04FF7C 21E878AC 11BA9CD2 55A9232C
  7CA7B7E6 C1AF74F6 152E99B7 B1FCF9BB E973DE7F 5BDDEB86 C71E3B49 1765308B
  5FB0DA06 B92AFE7F 494E8A9E 07B85737 F3A58BE1 1A48A229 C37C1E69 39F08678
  80DDCD16 D6BACECA EEBC7CF9 8428787B 35202CDC 60E4616A B623CDBD 230E3AFB
  418616A9 4093E049 4D10AB75 27E86F73 932E35B5 8862FDAE 0275156F 719BB2F0
  D697DF7F 28
   quit
crypto pki certificate chain DNAC-CA
 certificate ca 00B1B032DA7E19F362
  30820397 3082027F A0030201 02020900 B1B032DA 7E19F362 300D0609 2A864886
  F70D0101 0B050030 62312D30 2B060355 04030C24 63333365 39363431 2D373639
  622D6439 35332D31 6631612D 35666536 37336362 61363566 31163014 06035504
  0A0C0D43 6973636F 20537973 74656D73 31193017 06035504 0B0C1043 6973636F
  20444E41 2043656E 74657230 1E170D32 30303632 34303934 3035365A 170D3233
```

```
  30333231 30393430 35365A30 62312D30 2B060355 04030C24 63333365 39363431
  2D373639 622D6439 35332D31 6631612D 35666536 37336362 61363566 31163014
  06035504 0A0C0D43 6973636F 20537973 74656D73 31193017 06035504 0B0C1043
  6973636F 20444E41 2043656E 74657230 82012230 0D06092A 864886F7 0D010101
  05000382 010F0030 82010A02 82010100 A9F332D8 EF514ADE 3F166045 8563C899
  A0F946D4 AE218175 4BDFF4C2 D8CE576E D44A0857 FEAC055E 34051D0D A7FEDF45
  86934F9E 8D7919EB F1E1F787 984420EE 6EB89370 9E84AF2A 61C3F93D EA2B9CDF
  4621B2D1 6B4C8DE2 D4FB5D22 0C862893 FF9AA7C2 434AC685 84E12108 18072E54
  ADBB7CD8 D186809D 383FF8EE 7F60A4D5 62BE1BB4 102D62A3 DF856DD1 20D66846
  72C616B6 E1853AEF 622CEA6F 49C2EF74 26CCF935 6B9FE632 F7E02B86 9707540D
  1E79EE11 CC767711 B7796B5D 82EC0AED B6162238 7CDB5C96 C07F3E62 FA83A6E4
  0C1DE1DC 7F20B3F8 FDCF8800 376430A3 3AED44A3 F5922CE2 B178C633 65A6F7AC
  2C5F63F7 D0C0246E DC72CC99 27F567E3 02030100 01A35030 4E301D06 03551D0E
  04160414 4F371188 2C2A4C76 A4FA23F0 2EB09B89 DA841E4A 301F0603 551D2304
  18301680 144F3711 882C2A4C 76A4FA23 F02EB09B 89DA841E 4A300C06 03551D13
  04053003 0101FF30 0D06092A 864886F7 0D01010B 05000382 0101009C 4F050261
  A4D82349 80C4B08D 023C3AFB 279AFA92 B5733BD7 7B212EFE 8D15DA21 3F6CCB97
  0FD520C1 747DD033 25EA8100 41C2B178 DEB2A04B E68FB619 FCD982CB 4F17FA27
  FC3D791B 19164F5F 7D763D8C 378B7434 89B712C3 BFE4D532 34799FDD FEEB1679
  F2902028 3A4B27E3 ED3341EA A74B9240 2FA51AE2 A7A69A0A CEA9EF60 CB30A3D9
  532D8F80 038A14CA 3F4330B2 CF2759C0 F2E737E9 CE29D0BD F359D5A7 D7DDA869
  FC578D16 DBDAB4BB 90C2FFFF 723861A5 70E96201 BCBE9E56 E5EF56B5 5049040C
  E467FDDA 70C7CBA0 57C3BB73 C8CEEE0C 76895C2A 55D1A35D 4532FB5A B763D219
  39B9D9DB DC9621B6 9A206469 15EBB5EC 430E6768 A0FAFCED 059C28
   quit
crypto pki certificate chain TP-self-signed-3289175179
 certificate self-signed 54
  30820330 30820218 A0030201 02020154 300D0609 2A864886 F70D0101 0D050030
  31312F30 2D060355 04030C26 494F532D 53656C66 2D536967 6E65642D 43657274
  69666963 6174652D 33323839 31373531 3739301E 170D3234 31303034 30363438
  31325A17 0D333431 30303430 36343831 325A3031 312F302D 06035504 030C2649
  4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D33 32383931
  37353137 39308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201
  0A028201 0100ACF5 BA63BEE6 B75EF04E A2D1CAA4 E633E7FA 681263B5 B0A6D9E7
  5DA3BA63 ED22EF34 44382944 7D552756 FC06FF3D 15AA12A0 6AE29082 D7997228
  639E5875 FB0C3274 334DE06F AE4EF00B CE379767 74BA8B64 46261306 EFE4747D
  1026AD03 CF84F948 D77A88D0 C90E4D4D 61E6C04A 1E810A8A 2B196CCD AF6C8C54
  CE3354C5 59DBDEB0 0BA43FB1 32611E20 58ED577F EE9C92D3 065FB172 916D4073
  34D2805E B4AF40BA 4F664B7C 17BADCFE BE259645 0F0DDDD7 AA098A02 5E415429
  EA871941 C9619D84 90922A93 852D694D 8BD64580 6A71CE40 8462A483 318FA8F2
  CCF8BF36 4A2FB440 FFFF2544 D44854EC 39BE3668 1493AA42 E6F57EA8 47EE3389
  F5316650 5D290203 010001A3 53305130 1D060355 1D0E0416 0414DC0C 7F5CCC38
  AE576631 FF4EB39C 620510D2 8613301F 0603551D 23041830 168014DC 0C7F5CCC
  38AE5766 31FF4EB3 9C620510 D2861330 0F060355 1D130101 FF040530 030101FF
  300D0609 2A864886 F70D0101 0D050003 82010100 94289A98 976B33D4 03236918
  E8D9FC22 66E883C3 7526318F AA404A77 D9DE379E B329283A FAE030A7 6E636232
  8EBB6335 7878915E F024535C EC176E63 D853DDB9 C74B2136 A5F0DAA4 118F9B7E
  F1393993 D078CDF5 F2DF7AED 84427B84 1B8AC09B C9B2077F B257F4F1 02B4A78D
  D0B40E33 3020C983 2507EEC0 01ACBF3B D74333E7 92A872E1 834035ED BC762A2D
  85475BFE A31D8D91 CDC0D25B 8212F5F1 63760007 6B04AC87 2A8EFFEB 525FCDA7
  D362BDB5 2D44835D 7DD080E8 DCD2F63D FEFC5793 94DE42F4 A43BEACF 02524855
  2BF4FC9B 244FF216 6AAB4D56 E15BE405 387BD609 88979098 37FAAEDF 1E277FC7
  6DF78239 93790641 252260D4 FE82D0B4 4C3041F8
   quit
crypto pki certificate chain CA_SERVER
 certificate 024B
  3082047F 30820367 A0030201 02020202 4B300D06 092A8648 86F70D01 010B0500
  30323111 300F0603 55040B13 084D4143 53454344 54311D30 1B060355 04031314
  4341312E 6D616373 65632E63 6973636F 2E636F6D 301E170D 32343130 33303038
  31363537 5A170D32 35313033 30303831 3635375A 30653119 30170603 55040313
  10636973 636F312E 63697363 6F2E636F 6D314830 12060355 0405130B 46585332
  30343951 33365430 1606092A 864886F7 0D010908 13093131 2E332E36 2E313330
  1A06092A 864886F7 0D010902 160D6B73 312E6369 73636F2E 636F6D30 82022230
  0D06092A 864886F7 0D010101 05000382 020F0030 82020A02 82020100 B78B88A7
```

```
  2F1EE910 73B42E10 D6442E18 5A6A9929 C66FF873 F6BF7629 14A58B73 BDDFBEE2
  5CD7FD8C 166673D8 E7F27B7D 45521924 566B2B6F CF24112E 29AC0B40 7985D3A0
  68F53B55 312CF5AE 791F6E9D EFFDE7E5 5FC38263 FC33483F B5FCF355 5716903A
  5CFA99B3 51C5489F C30B5C5C 2222D373 3B4DE32C 5D1022C6 3CFB602F 0A44F113
  EF55711B 8B976648 D8B23DA9 5BCF620A 15B4C79C EB425FF3 3ED75438 6970445C
  D2FCCCC1 E3475734 C88372AD 5F5341E9 7245A320 136278D9 6D67596A BB34223A
  6453EBF8 493C131F E48D05EF 278653F2 BFA581EC AD224D72 527C8858 AF01ED7C
  F5DFEA17 3DC9E532 C4D390C3 611E5768 22F773AB 9E5DE882 C40698B1 9C1244FB
  B02B1E17 D9215CB1 463996C8 64C5D567 145B99CF D68B7D47 FB894991 9919BC9E
  B1E518CD AAFF23F0 F79337FB B3056913 99103069 3D86A44D 96859270 DAA79713
  B4E78FFC B87616E4 59892B29 F5A927D3 2980B695 A719A081 6C555D19 94280B30
  9D8CED9C 02F5D595 32683D05 D482CEE8 6A5653C0 12B4A16E A4A0E152 DA0E8DFE
  B7C5C1BC 80445D63 7E6AC558 12539B27 E09866FD B7B86EE7 E2E3BF2E FFED3CB4
  2024FBD6 72791DF3 0380300E 87AE86D3 85302676 1495897C 43EC9CAF 68237B40
  48143028 806E10FE F4876517 6EBFCB00 3A883A77 63CB528B 2813FB30 B4CDBAAD
  EB01C4E8 5106F1DF 49451946 27C2D4F8 A8545CE4 BE793CCF 5AAEA3C5 02030100
  01A36C30 6A300B06 03551D0F 04040302 05A0301B 0603551D 11041430 12821063
  6973636F 312E6369 73636F2E 636F6D30 1F060355 1D230418 30168014 4F17A63A
  9E351FAD 25A7D273 6B49D4ED A07B3BD6 301D0603 551D0E04 160414C3 79B69DA0
  C8BAE80F 0320D948 6929EF9E 5D1CA430 0D06092A 864886F7 0D01010B 05000382
  01010004 B483BCF9 F7889364 29788D03 5AC5568B 4DAF09CC A7767DC8 F8706B1C
  396047AA 8E97E1DD DE7BD2AC 02D674B3 122E134E 29686F04 A8907FFB 4F000C14
  47F7DFD7 A5B0215A 3C906D0F ACA91C2C F0DD40DE 3C848265 7948E2B8 83DD433D
  5F890528 832919C2 834164B3 09276363 F379DBF6 3F56A301 04A78B7E 76C5B64B
  EFEDC771 563D8399 2F17A6E7 3F4067B5 479462C9 7540B60D D4D9275F 1A4F36F3
  10F72CD0 9615E298 9A49509F 35BAA6C8 02116FBF 7837AEE0 1BFAC673 3EAA6334
  0BE3B5DC B57C28FF 0A7C909B E4616E0D B726565B 71C3426C 030A2C5C A5CA4F09
  FE102C25 5A1158F9 E2117C40 DB8DBDA6 D5C6C67E 49E64F15 FBDB0DCF B8CAC897 917CDF
   quit
 certificate ca 01
  30820342 3082022A A0030201 02020101 300D0609 2A864886 F70D0101 0B050030
  32311130 0F060355 040B1308 4D414353 45434454 311D301B 06035504 03131443
  41312E6D 61637365 632E6369 73636F2E 636F6D30 1E170D32 33313032 31303634
  3733355A 170D3236 31303230 30363437 33355A30 32311130 0F060355 040B1308
  4D414353 45434454 311D301B 06035504 03131443 41312E6D 61637365 632E6369
  73636F2E 636F6D30 82012230 0D06092A 864886F7 0D010101 05000382 010F0030
  82010A02 82010100 8D0A804C 5DDA17D4 D900E751 18B8A7DC A250DAD3 B81E78F2
  D6143A51 590E8D9B 12D3CD2C 2C5E0552 D541486C 3E314319 A0053048 38EC0C19
  66983A6A 3D8FF654 611C61BA F9616B1F C86CC2EE 6DB2DCA5 048009F5 38972032
  F4A29685 989008E5 90E6FA05 86630E47 D05A6FB8 0EF7A243 2CD69ECE 21921403
  5126012D ECB211A5 561F732E 5355478C 33B325CD 63E625B9 5216308D A3EB96D8
  953872EE 1ED1AC8F 9904AF9D 46ECBBBA B4AC90E2 3BFFC0EA 48BF1FB4 35F84396
  88013F3D 5F0DFEC4 C4818BBF 7A64BF7B 61181CA7 3B19260C 5CB81EBD B1323E3D
  C01CA69F 1BAF7A6E E56CD8AB 0F4A4B25 06D4E0F3 4E117481 C6087831 CA4090E8
  B191244E 4B815433 02030100 01A36330 61300F06 03551D13 0101FF04 05300301
  01FF300E 0603551D 0F0101FF 04040302 0186301F 0603551D 23041830 1680144F
  17A63A9E 351FAD25 A7D2736B 49D4EDA0 7B3BD630 1D060355 1D0E0416 04144F17
  A63A9E35 1FAD25A7 D2736B49 D4EDA07B 3BD6300D 06092A86 4886F70D 01010B05
  00038201 01000239 E2CE1270 9DD72ADE 5D853D95 175EEFB1 E7B825F6 4A221236
  C6532B0A 5529415F 29DD05F0 44F76DEA B8EE9463 F047091B 1F9371D5 D39FC812
  2C0CDCDD 1504A4FF 1B609AA7 BD9C905F 5A66837B E6710395 374E77FC 5BA526E3
  A3A94ADA 01A3CA0C 05FD646E 74A5E420 ADA63049 690E6F34 6633EE7D 42423C43
  0ADD84D8 5981A14B 4CF30804 E6DE5154 FDDB44AE 02FA1975 D91505D3 E3C33172
  4A72A830 3E24AC4C BA842CC7 D240642A 1A58A666 18BDAC9B 2947778F 7CEAA09E
  16245BC7 AAAB62AC D41F8367 03E9A0A2 39377AF4 A97072A6 2C2F0077 8AF1B608
  52F45246 9F9485BC 342DA05A 1085A764 BBA5AE5B 7C46332C 6492889E 32619BDF
  EFE649E3 D443
   quit
crypto pki certificate chain ROOT
 certificate ca 67B82605CF98B12F3681CDD43BF76F9E99481185
  30820438 308202A0 A0030201 02021467 B82605CF 98B12F36 81CDD43B F76F9E99
  48118530 0D06092A 864886F7 0D01010B 05003024 31223020 06035504 030C194F
  70656E58 504B4920 526F6F74 20434120 32303234 30353231 3020170D 32343035
  32313038 35383435 5A180F32 30393531 30303130 38353834 355A3024 31223020
```

```
  06035504 030C194F 70656E58 504B4920 526F6F74 20434120 32303234 30353231
  308201A2 300D0609 2A864886 F70D0101 01050003 82018F00 3082018A 02820181
  00E33115 05A40299 0DF04EE5 9F605E0A 0876DEA6 76969AE6 F7D1A767 9D83F26C
  3ABD660B C997D889 8386B3C3 94153603 BB793887 29C396BC 97D8E886 E878F5FC
  4D76813A A7598B0E 713EE345 CA5533A9 FFB3B0C7 8BCA08B4 A37B9DC1 D5912DAE
  F1CEF636 061897AB CAC2F944 A44D82E7 316C61F1 627AC2CD A9929337 1B6928FB
  8E143FA9 CDD1BB22 23D49E59 BFC7FD17 5134E24C FD97B2C0 71990150 BA273B73
  B353A75D 5FB963C5 95D2FC46 BDFC6203 A128B06E 90A66AA9 7F020D7D 9BEAD274
  7F9E9259 0C562F90 9AD573D4 0D4FA846 CEE8333E 37BBFC78 0476F6FE EDB800FD
  B1A324F8 4F304E59 6015046F 1DDAC699 68F6325E 851144CE 7CDFD822 A88AC764
  4420AEBF 1D6FA9DB EEA29722 40D741D0 A0865D61 37CB93F4 88EA6B3F E059B1B9
  C3B04283 A6DB36FB 486406E7 37D17C64 6FD6F8F8 0CDA4426 7091F37B EA44081B
  DCFDC51B B0ED8DE2 59586FB8 B809AC9B 4F4B4DF0 8CDA1073 7DB96F6C D4B1D54C
  29B67A63 0E5441A5 38F22677 8359C127 78F82B18 00C50721 ACF813CB 9B517DF0
  45020301 0001A360 305E301D 0603551D 0E041604 1454952F 879F7AB6 716417BE
  7BB300E0 1E7E0E6A E0300B06 03551D0F 04040302 0186300F 0603551D 130101FF
  04053003 0101FF30 1F060355 1D230418 30168014 54952F87 9F7AB671 6417BE7B
  B300E01E 7E0E6AE0 300D0609 2A864886 F70D0101 0B050003 82018100 D3DBD2B7
  B5E582F3 74020EA9 34D0D8E8 BFF4652D DC16CE91 89706BCD 38FBB43C DD2EA593
  D34A6988 EB5F8AE0 30ED1A92 98C4BDAA 2F172F36 7A022EDD 91EA8F22 65AD58BC
  05A2C05C 2AA3B99E 384EC6FB 554365B9 57292AB9 DCC691B1 7418E1FB CEA7CB6C
  A81D28B4 955ACE8B DF86BB78 44C716FC D9343649 5AC44D30 5A405E8A 617321C7
  04FDD5E3 8CD273EF 8C034D0B 75263F93 458EA4EA 4F979885 6516C4E7 A06716B1
  8013E548 6B390431 3D56057B 9129B8C2 A4465C9C 636B8ADF 2950B9D1 204768BF
  6CBE1A4A 1010BD69 596D1A8E 223F122F BBBEEC78 2766A533 45A5EB25 211F829D
  B2C9D56F 1DD2DF77 178C00E8 0A209681 EE81339D 76E2684E 0AA90A1B 96C395CA
  937A7077 17D56718 579CF7C5 860259D3 2D8CA45D CD46A2DC 04003444 0CC726AB
  BEC91B81 F167FBBE 7DCE84B1 C4306CEB FD5A018F 88EC62DE CBCF3B99 8715490F
  99BC7354 477F3BDD CBEC6426 EAD7552F 6272C153 5F241D11 10FA3C94 0FA2F555
  2F1B9663 EE72CF97 91D9E8C4 67C93750 3E02CC90 9DE9D20C BDA79FBE
   quit
crypto pki certificate chain tp_wo_pass_enc
 certificate 014CFF057F1ECD9EBCE2A1
  308205C7 3082042F A0030201 02020B01 4CFF057F 1ECD9EBC E2A1300D 06092A86
  4886F70D 01010B05 00305A31 0B300906 03550406 13024445 3111300F 06035504
  0A0C084F 70656E58 504B4931 0C300A06 0355040B 0C03504B 49312A30 28060355
  04030C21 4F70656E 58504B49 2044656D 6F204973 7375696E 67204341 20323032
  34303532 31301E17 0D323431 30313631 37313535 325A170D 32353130 31363137
  31353532 5A306231 13301106 0A099226 8993F22C 64011916 036F7267 31183016
  060A0992 268993F2 2C640119 16084F70 656E5850 4B49311F 301D060A 09922689
  93F22C64 0119160F 54657374 20446570 6C6F796D 656E7431 10300E06 03550403
  0C077465 73745F31 31308201 22300D06 092A8648 86F70D01 01010500 0382010F
  00308201 0A028201 0100B285 1AE8C1CE ABFE3D75 B3533F15 BF79489A 65121740
  F4F53958 6F41F557 F1F1CDB1 207F784A 604CB212 5465D7DF 28BFACAE 2A7F7FA5
  4184341C BC6850E1 90D34E8D B6A6E10D F15A6763 4F17FF5A 5891471E 12B01AA1
  609956D6 4EAC1AF5 3B2122A8 663D5144 9633156B 605B8733 21622760 0F82C827
  D5B7A87C 1FD69343 2CE86E73 98463647 6722D5AA BA777886 576E0802 C68804AC
  AA185E07 DB4E07E0 3F323B7E 8F6CF4FE 71D64B55 B5DC8EBD 33B29D14 56605CED
  33BB0B5C FFAC9BF1 578A1D18 72632935 74E43B8A 5CD0F562 0CB4494C FFAF4B8D
  31E6783A BAF54E87 2B85A3C4 C3633A7D B3BED6CA 26FCD704 81561C0C 935F313D
  26E95FA9 081B551E 4E2B0203 010001A3 82020430 82020030 81870608 2B060105
  05070101 047B3079 30510608 2B060105 05073002 86456874 74703A2F 2F706B69
  2E657861 6D706C65 2E636F6D 2F646F77 6E6C6F61 642F4F70 656E5850 4B495F44
  656D6F5F 49737375 696E675F 43415F32 30323430 3532312E 63657230 2406082B
  06010505 07300186 18687474 703A2F2F 6F637370 2E657861 6D706C65 2E636F6D
  2F301F06 03551D23 04183016 80144C72 037BAAB0 CE1F0EB7 CD44D58A 5189680F
  8B84300C 0603551D 130101FF 04023000 30560603 551D1F04 4F304D30 4BA049A0
  47864568 7474703A 2F2F706B 692E6578 616D706C 652E636F 6D2F646F 776E6C6F
  61642F4F 70656E58 504B495F 44656D6F 5F497373 75696E67 5F43415F 32303234
  30353231 2E63726C 30130603 551D2504 0C300A06 082B0601 05050703 01300E06
  03551D0F 0101FF04 04030205 A03081A8 0603551D 200481A0 30819D30 819A0603
  2A030430 8192302B 06082B06 01050507 0201161F 68747470 3A2F2F70 6B692E65
  78616D70 6C652E63 6F6D2F63 70732E68 746D6C30 2B06082B 06010505 07020116
  1F687474 703A2F2F 706B692E 6578616D 706C652E 636F6D2F 6370732E 68746D6C
```

```
  30360608 2B060105 05070202 302A1A28 54686973 20697320 6120636F 6D6D656E
  7420666F 7220706F 6C696379 206F6964 20312E32 2E332E34 301D0603 551D0E04
  1604146F 6E06F514 3AC31DB4 0ECE2751 A6D5978A 636AFC30 0D06092A 864886F7
  0D01010B 05000382 0181007B 0D9D7196 1ACC4106 B4677F55 9B46CCC0 50988049
  E39CA9A0 103890F4 B539F5ED 9DD57475 8BFEC823 5B26C8EB 3D1559C3 3CD2093E
  5352F452 F4FA3C4B AC98BDDB D4C8EEDF CCF6300D 83FB2E6B 9C13A0FC E2FDE7B6
  C7FED839 2B6BBA91 72D5F3A5 9F313478 F1F57B19 EF248EDB FB9A32CD A2B2FFDC
  ABC56EF7 14272907 9E1DDF5F 15A04F43 DC678FF4 B00B5296 777454D2 9A5C5671
  DB2A5710 A9520253 1C04B383 E5DDF0B3 91422AFC B166E3E1 3B4BBEEF 4BD5C342
  3032B791 2D95AB40 469E3458 CDCB5297 F3F5615D 1F7143A4 237C677F F6BA43EE
  4ACD31E8 C16A8717 A81C073B 3AC02E0E 98A18AEC 8E4882B5 518169FE D9A98882
  1BF00B07 DE62BA13 555B2301 14A08169 56658EC6 252EF178 B97DE1B6 57A0BE24
  2F459D59 91E0AA02 C0D1331E 28846658 7FAA5088 218510E7 9EE892BD D4255239
  F5117582 0629D769 FFD36773 0E31A8FA 1E0DE779 9F0E1704 4E063D7F 64F5CBFB
  D1BFC6B6 61A806DB 26250CD0 76DAEC2F 803E17A6 16A058F0 9CAD656A E2BD8CE3
  ED0A099B 0622FCC2 DBB159
   quit
 certificate ca 07BC972B96C72E37EDB6B66A526FDD396D490EAA
  308204B0 30820318 A0030201 02021407 BC972B96 C72E37ED B6B66A52 6FDD396D
  490EAA30 0D06092A 864886F7 0D01010B 05003024 31223020 06035504 030C194F
  70656E58 504B4920 526F6F74 20434120 32303234 30353231 3020170D 32343035
  32313038 35383435 5A180F32 30393531 30303130 38353834 355A305A 310B3009
  06035504 06130244 45311130 0F060355 040A0C08 4F70656E 58504B49 310C300A
  06035504 0B0C0350 4B49312A 30280603 5504030C 214F7065 6E58504B 49204465
  6D6F2049 73737569 6E672043 41203230 32343035 32313082 01A2300D 06092A86
  4886F70D 01010105 00038201 8F003082 018A0282 0181009E B44B2FC5 92D48503
  199719DA 58190B89 66BEF1E3 5395BCAA F9AD181A 17492C0D 35ECFAD0 998731E1
  E750B282 29D0D985 AC8B2223 FBA542D6 A6321AE0 22ED2513 750A63CB 0EFB70F9
  EDA2E884 45600F67 49D23E78 64C21E1C 826CD8AE 0B2D1D93 0E685B1A 6AD9E2A2
  A2DBE29D B0624274 523560D3 7470AE47 A1F79C21 A5364A85 6A43FA23 9FE969BA
  F7F1347B 5134CAEC B00C0EEC 91990C4A 3CDA532C F87170F9 C77B4FE5 FEA664F2
  594B36D2 FAFDBF20 CA052004 31106CE4 8D4DEDD5 F60F8173 04BA9BA6 634B85A1
  C5DF0879 CFB9AD45 4B79A946 797E4B6D 42E000F2 DBB97780 3A614877 0FCD9CA7
  A238B5B6 35143E55 642263E0 03E354E6 77DE26FF 1141406B 70EF4F1B BC7C5AEA
  B8729BCD C69868FE 856C1DDD 8429E2C4 6910E647 891A21A6 994B60EE 8021F434
  9A45E046 EE3F90B0 B60BD500 4580A62F 0C18A076 DCE03BD2 A49C4CE8 B33B30BF
  F0C5CAEC 123ED412 AD2F7C5C 36AA61C8 2D958185 7A5DCDB0 234A041E 958D7AAA
  1A7211F0 2143B157 5DE4BB8E 03DFFA11 2CF854ED 70187102 03010001 A381A130
  819E301D 0603551D 0E041604 144C7203 7BAAB0CE 1F0EB7CD 44D58A51 89680F8B
  84300B06 03551D0F 04040302 0186300F 0603551D 130101FF 04053003 0101FF30
  5F060355 1D230458 30568014 54952F87 9F7AB671 6417BE7B B300E01E 7E0E6AE0
  A128A426 30243122 30200603 5504030C 194F7065 6E58504B 4920526F 6F742043
  41203230 32343035 32318214 67B82605 CF98B12F 3681CDD4 3BF76F9E 99481185
  300D0609 2A864886 F70D0101 0B050003 82018100 CC37F20F A763F397 386C7C43
  89527025 EB472A26 26904EB6 1048157A 55B7A6FA 2FDDEC0E CBBAA712 950F9517
  99E50FB6 0A305D4D 3396A6EC 2E4F4FCB E4F8267E 4707C749 64AF2095 A7720B66
  5CB8D2BF A2820337 59DFCFFB 268C6DEA 640B3B54 A2F26688 92D7ABA2 220C6FED
  859E71C4 D35767D3 F99C4FFA AAE708D8 1B41851B 614B81A6 A01C0355 5749D8C3
  E2661DCC CC89A320 AEFEA7E8 A830A149 DE909BF2 132CD718 F6ECBA86 8EF720B6
  2D2EC31D A9E2FD00 1B6FB1AB 476EF2E6 91E21FBD C7996A50 A336DAE3 F4E70F05
  23B252A0 AB4325BF 24B081CA E354102B BF0CC017 8F47CA97 43E1DD04 4708B5ED
  28E76281 4530C1D4 81E10B3C 4682DF50 BC1B180D DD66AF7A 2A684084 5FD6DC07
  82725D98 8B33C2CC 1796D2C3 CE1FC28E 7CDA9306 8B4AC884 76CC875D 84C2108B
  7ABEAF15 84BF1AE2 B2628E08 ABDB74A8 888F166B 23871A3C 56D70300 09FE66B5
  C2B4181D 19512385 BB83A4A6 9496F4ED 98BB24A1 519043DB 07C92143 0D2E5812
  5ADE5448 CF4F3BD2 E3978AB6 EF4A38CF 81ADDF5B
   quit
!
!
!
!
!
!
!
```

```
!
!
license udi pid ASR1002-HX sn JAE21050036
license boot level adventerprise
!
no memory lite
memory free low-watermark processor 683909
diagnostic bootup level minimal
!
spanning-tree extend system-id
!
!
enable secret 9 $9$MzDkYqcJRxahAk$1QhxZFmtM1qIujJbI3II8WAkUyjrZUHnXWzfig6VhkQ
enable password 7 <removed>
!
username lab password 7 <removed>
username admin privilege 15 secret 9
$9$PSlkFl7oqMoQBE$cpeqITQ6XgUkxXzR7dhCtqrXXGD/owBl/NRdvf6XZBo
username tester privilege 15 password 7 <removed>
!
redundancy
 mode none
!
!
!
no crypto ikev2 proposal default
crypto ikev2 proposal gikev2-proposal
 encryption aes-cbc-128
 integrity sha1 sha256 sha384 sha512
 group 19
!
no crypto ikev2 policy default
crypto ikev2 policy gikev2-policy
 match fvrf any
 match address local 15.0.0.1
 proposal gikev2-proposal
!
crypto ikev2 keyring gikev2-keyring
!
!
crypto ikev2 profile gikev2-profile
 match identity remote address 0.0.0.0
 match identity remote address 30.0.0.0 255.0.0.0
 match identity remote address 50.0.0.0 255.0.0.0
 match identity remote address 70.0.0.0 255.0.0.0
 match identity remote address 20.0.0.0 255.0.0.0
 match identity remote address 40.0.0.0 255.0.0.0
 match identity remote address 2.2.2.2 255.255.255.255
 match identity remote address 2.0.0.0 255.0.0.0
 match identity remote address 33.0.0.0 255.0.0.0
 match identity remote address 133.0.0.0 255.0.0.0
 match identity remote address 153.0.0.0 255.0.0.0
 match identity remote address 80.0.0.0 255.0.0.0
 match identity remote address 81.0.0.0 255.0.0.0
 match identity remote address 177.0.0.0 255.0.0.0
 match identity remote address 132.0.0.0 255.0.0.0
 match identity remote address 3.0.0.0 255.0.0.0
 match identity remote address 5.0.0.0 255.0.0.0
 match identity remote address 7.0.0.0 255.0.0.0
 match identity remote address 8.0.0.0 255.0.0.0
 match identity remote address 134.0.0.0 255.0.0.0
 match identity remote address 9.0.0.0 255.0.0.0
 match identity remote address 144.0.0.0 255.0.0.0
 match identity remote address 145.0.0.0 255.0.0.0
```

```
 identity local address 15.0.0.1
 authentication remote rsa-sig
 authentication local rsa-sig
 pki trustpoint tp_wo_pass_enc
 pki trustpoint CA_SERVER
!
crypto ikev2 diagnose error 30
crypto ikev2 limit max-in-negotation-sa 2000
!
!
cdp run
!
!
!
!
!
!
!
!
crypto isakmp policy 10
 encryption aes 256
 hash sha
 group 14
!
crypto isakmp policy 20
 encryption aes 256
 hash sha
 group 14
 lifetime 60
crypto isakmp key KS-cisco address 15.0.0.4
crypto isakmp key KS-cisco address 15.0.0.2
crypto isakmp key cisco123 address 30.1.1.2
crypto isakmp key cisco123 address 40.1.1.2
crypto isakmp key cisco123 address 70.1.1.2
crypto isakmp key KS-cisco address 15.0.0.5
crypto isakmp key KS-cisco address 15.0.0.6
crypto isakmp key KS-cisco address 15.0.0.3
crypto isakmp key KS-cisco address 15.0.0.1
crypto isakmp key cisco123 address 30.0.0.0
crypto isakmp key cisco123 address 50.0.0.0
crypto isakmp key cisco123 address 70.0.0.0
crypto isakmp key cisco123 address 20.0.0.0
crypto isakmp key cisco123 address 40.0.0.0
crypto isakmp key cisco123 address 2.0.0.0
crypto isakmp key cisco123 address 33.0.0.0
crypto isakmp key cisco123 address 177.0.0.0
crypto isakmp key cisco123 address 144.0.0.0
crypto isakmp identity dn
crypto isakmp keepalive 10 periodic
!
!
crypto ipsec transform-set bw600-cryptoset esp-aes 256 esp-sha512-hmac
 mode tunnel
crypto ipsec transform-set BW600-CRYPTOSET-IPv6 esp-aes 256 esp-sha512-hmac
 mode tunnel
crypto ipsec transform-set TSET-V4-SuiteB esp-gcm 256
 mode tunnel
crypto ipsec transform-set TSET-suiteB esp-gcm 256
 mode tunnel
crypto ipsec transform-set TSET-V6-SuiteB esp-gcm 256
 mode tunnel
crypto ipsec transform-set bw600-cryptoset_eft esp-aes 256 esp-sha-hmac
 mode tunnel
crypto ipsec transform-set BW600-CRYPTOSET-IPv6_eft esp-aes 256 esp-sha512-hmac
```

```
 mode tunnel
no crypto ipsec transform-set default
!
crypto ipsec profile BW600-IPv6
 set security-association lifetime seconds 5000
 set transform-set BW600-CRYPTOSET-IPv6
!
crypto ipsec profile BW600-IPv6_eft
 set security-association lifetime seconds 5000
 set transform-set BW600-CRYPTOSET-IPv6_eft
!
crypto ipsec profile BW600-IPv6_sim
 set security-association lifetime seconds 2000
 set transform-set BW600-CRYPTOSET-IPv6
!
crypto ipsec profile bw600
 set security-association lifetime seconds 5000
 set transform-set bw600-cryptoset
!
crypto ipsec profile bw600_eft
 set security-association lifetime seconds 5000
 set transform-set bw600-cryptoset_eft
!
crypto ipsec profile bw600_sim
 set security-association lifetime seconds 2000
 set transform-set bw600-cryptoset
!
crypto ipsec profile cust-ipsec-suiteB
 set security-association lifetime seconds 5050
 set transform-set TSET-suiteB
!
crypto ipsec profile cust-ipsec-suiteB-v6
 set security-association lifetime seconds 5050
 set transform-set TSET-V6-SuiteB
!
!
crypto ipsec profile profile2
 set security-association lifetime seconds 7200
 set transform-set TSET-V4-SuiteB
!
crypto gdoi group bw6000
 identity number 6000
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 8000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  registration periodic crl trustpoint CA_SERVER
  sa ipsec 10
   profile bw600
   match address ipv4 bw600-crypto-policy
   replay time window-size 20
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 244
   peer address ipv4 15.0.0.5
   peer address ipv4 15.0.0.3
  pfs
!
crypto gdoi group ipv6 bw600-IPV6
 identity number 6600
```

```
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 8000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  registration periodic crl trustpoint CA_SERVER
  sa ipsec 10
   profile BW600-IPv6
   match address ipv6 bw600-v6-crypto-policy
   replay time window-size 20
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 244
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.5
  pfs
!
crypto gdoi group ipv6 bw-suiteB-v6
 identity number 2002
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 10000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  identifier
   range 1 - 20
  sa ipsec 10
   profile cust-ipsec-suiteB-v6
   match address ipv6 bw600-v6-crypto-policy
   replay time window-size 22
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 244
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.5
  pfs
!
crypto gdoi group bw-suiteB
 identity number 2001
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 10000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  identifier
   range 1 - 20
  sa ipsec 10
   profile cust-ipsec-suiteB
   match address ipv4 bw600-crypto-policy
   replay time window-size 20
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 244
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.5
```

```
  pfs
!
crypto gdoi group ipv6 bw600-IPV6_eft
 identity number 2233
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 4000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  sa ipsec 10
   profile BW600-IPv6_eft
   match address ipv6 bw600-v6-crypto-policy_eft
   no replay
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 246
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.5
  no pfs
!
crypto gdoi group bw6000_eft
 identity number 1122
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 4000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  sa ipsec 10
   profile bw600_eft
   match address ipv4 bw600-crypto-policy_eft
   no replay
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 246
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.5
  no pfs
!
crypto gdoi group bw6000_sim
 identity number 6006
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 16000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  registration periodic crl trustpoint CA_SERVER
  sa ipsec 10
   profile bw600_sim
   match address ipv4 bw600-crypto-policy_sim
   no replay
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 220
   peer address ipv4 15.0.0.5
   peer address ipv4 15.0.0.3
```

```
  no pfs
!
crypto gdoi group ipv6 bw600-IPV6_sim
 identity number 6606
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 16000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  registration periodic crl trustpoint CA_SERVER
  sa ipsec 10
   profile BW600-IPv6_sim
   match address ipv6 bw600-v6-crypto-policy_sim
   no replay
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 220
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.5
  no pfs
!
crypto gdoi group ipv6 bw-suiteB-v6_sim
 identity number 2003
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 16000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  identifier
   range 21 - 40
  sa ipsec 10
   profile cust-ipsec-suiteB-v6
   match address ipv6 bw600-v6-crypto-policy_sim
   no replay
   no tag
  address ipv4 15.0.0.1
  redundancy
   local priority 220
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.5
  no pfs
!
crypto gdoi group bw-suiteB_sim
 identity number 2004
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 16000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  identifier
   range 21 - 40
  sa ipsec 10
   profile cust-ipsec-suiteB
   match address ipv4 bw600-crypto-policy_sim
   no replay
   no tag
  address ipv4 15.0.0.1
```

```
  redundancy
   local priority 220
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.5
  no pfs
!
!
crypto call admission limit ike in-negotiation-sa 2000
!
buffers huge size 65535
!
!
!
!
!
!
interface Loopback0
 ip address <removed>
!
interface Loopback111
 description this is for seamless upgrade
 ip address <removed>
!
interface GigabitEthernet0/0/0
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/0.152
 encapsulation dot1Q 152
 ip address <removed>
!
interface GigabitEthernet0/0/1
 ip address <removed>
 negotiation auto
!
interface GigabitEthernet0/0/2
 ip address <removed>
 shutdown
 negotiation auto
!
interface GigabitEthernet0/0/3
 description "Interface connected to SWITCH"
 no ip address
 negotiation auto
 cdp enable
!
interface GigabitEthernet0/0/4
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/5
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/6
 ip address <removed>
 shutdown
 negotiation auto
!
interface GigabitEthernet0/0/7
 no ip address
 negotiation auto
!
interface TenGigabitEthernet0/1/0
```

```
 no ip address
!
interface TenGigabitEthernet0/1/1
 no ip address
!
interface TenGigabitEthernet0/1/2
 no ip address
!
interface TenGigabitEthernet0/1/3
 no ip address
!
interface TenGigabitEthernet0/1/4
 no ip address
!
interface TenGigabitEthernet0/1/5
 no ip address
!
interface TenGigabitEthernet0/1/6
 no ip address
!
interface TenGigabitEthernet0/1/7
 no ip address
!
interface GigabitEthernet0
 vrf forwarding Mgmt-intf
 ip address <removed>
 negotiation auto
!
router ospf 100
 redistribute connected
 network 15.0.0.1 0.0.0.0 area 0
 network 56.0.0.0 0.0.0.255 area 0
!
ip forward-protocol nd
ip forward-protocol udp
!
ip tcp selective-ack
ip tcp mss 1460
ip tftp source-interface GigabitEthernet0
ip tftp blocksize 8192
ip dns server
ip http server
ip http secure-server
ip http secure-active-session-modules none
ip http active-session-modules none
ip http client source-interface GigabitEthernet0
ip ssh bulk-mode 131072
ip scp server enable
ip route 0.0.0.0 0.0.0.0 56.0.0.1
ip route 0.0.0.0 0.0.0.0 10.106.249.1
ip route 9.45.0.0 255.255.0.0 9.44.0.1
ip route 9.45.7.4 255.255.255.255 9.44.0.1
ip route 9.45.102.61 255.255.255.255 9.44.0.1
ip route 10.64.62.25 255.255.255.255 10.106.249.1
ip route 10.104.45.131 255.255.255.255 10.106.249.1
ip route 10.232.0.0 255.255.0.0 10.106.249.1
ip route 70.70.0.0 255.255.0.0 101.101.1.1
ip route 172.10.1.0 255.255.255.0 101.101.1.1
ip route 202.153.144.25 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 0.0.0.0 0.0.0.0 9.44.0.1
ip route vrf Mgmt-intf 9.0.0.162 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.174 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.220 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 10.104.45.246 255.255.255.255 9.44.0.1
```

```
ip route vrf Mgmt-intf 171.70.168.183 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 9.44.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 11.3.0.1
ip route vrf Mgmt-intf 202.153.144.90 255.255.255.255 9.44.0.1
!
ip access-list extended bw600-crypto-policy
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 permit ip 190.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 130 permit ip 115.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 140 permit ip 120.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 150 permit ip 121.0.0.0 0.255.255.255 120.0.0.0 0.255.255.255
 160 permit ip 170.0.0.0 0.255.255.255 180.0.0.0 0.255.255.255
 170 permit ip 180.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
 180 permit ip 160.0.0.0 0.255.255.255 118.0.0.0 0.255.255.255
 190 permit ip 118.0.0.0 0.255.255.255 160.0.0.0 0.255.255.255
 200 permit ip 190.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 210 permit ip 117.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 220 permit ip 160.0.0.0 0.255.255.255 116.0.0.0 0.255.255.255
 230 permit ip 116.0.0.0 0.255.255.255 160.0.0.0 0.255.255.255
 240 permit ip 192.0.0.0 0.255.255.255 192.0.0.0 0.255.255.255
 250 permit ip 151.0.0.0 0.255.255.255 152.0.0.0 0.255.255.255
 260 permit ip 152.0.0.0 0.255.255.255 151.0.0.0 0.255.255.255
 270 permit ip 16.0.0.0 0.255.255.255 48.0.0.0 0.255.255.255
 280 permit ip 48.0.0.0 0.255.255.255 16.0.0.0 0.255.255.255
 290 permit ip 117.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 300 permit ip 115.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 310 permit ip 21.0.0.0 0.255.255.255 31.0.0.0 0.255.255.255
 320 permit ip 31.0.0.0 0.255.255.255 21.0.0.0 0.255.255.255
 330 permit ip 123.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 340 permit ip 121.0.0.0 0.255.255.255 123.0.0.0 0.255.255.255
 350 permit ip 122.0.0.0 0.255.255.255 124.0.0.0 0.255.255.255
 360 permit ip 124.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
 370 permit ip 119.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 380 permit ip 121.0.0.0 0.255.255.255 119.0.0.0 0.255.255.255
 390 permit ip 123.0.0.0 0.255.255.255 120.0.0.0 0.255.255.255
 400 permit ip 120.0.0.0 0.255.255.255 123.0.0.0 0.255.255.255
 410 permit ip 122.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
 420 permit ip 170.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
 430 permit ip 190.0.0.0 0.255.255.255 225.0.0.0 0.255.255.255
 440 permit ip 125.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 450 permit ip 121.0.0.0 0.255.255.255 125.0.0.0 0.255.255.255
 460 permit ip 126.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 470 permit ip 115.0.0.0 0.255.255.255 126.0.0.0 0.255.255.255
 480 permit ip 128.0.0.0 0.255.255.255 129.0.0.0 0.255.255.255
 490 permit ip 129.0.0.0 0.255.255.255 128.0.0.0 0.255.255.255
 500 permit ip 115.0.0.0 0.255.255.255 130.0.0.0 0.255.255.255
 510 permit ip 130.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 520 permit ip 115.0.0.0 0.255.255.255 131.0.0.0 0.255.255.255
 530 permit ip 131.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 540 permit ip 101.0.0.0 0.255.255.255 102.0.0.0 0.255.255.255
 550 permit ip 102.0.0.0 0.255.255.255 101.0.0.0 0.255.255.255
 560 permit ip 115.0.0.0 0.255.255.255 125.0.0.0 0.255.255.255
 570 permit ip 125.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 580 permit ip 191.0.0.0 0.255.255.255 116.0.0.0 0.255.255.255
```

```
 590 permit ip 116.0.0.0 0.255.255.255 191.0.0.0 0.255.255.255
 600 permit ip 192.0.0.0 0.255.255.255 116.0.0.0 0.255.255.255
 610 permit ip 116.0.0.0 0.255.255.255 192.0.0.0 0.255.255.255
 620 permit ip 193.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 630 permit ip 117.0.0.0 0.255.255.255 193.0.0.0 0.255.255.255
 640 permit ip 193.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 650 permit ip 115.0.0.0 0.255.255.255 193.0.0.0 0.255.255.255
 660 permit ip 194.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 670 permit ip 117.0.0.0 0.255.255.255 194.0.0.0 0.255.255.255
 680 permit ip 194.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 690 permit ip 115.0.0.0 0.255.255.255 194.0.0.0 0.255.255.255
ip access-list extended bw600-crypto-policy_eft
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 permit ip 21.0.0.0 0.255.255.255 31.0.0.0 0.255.255.255
 130 permit ip 31.0.0.0 0.255.255.255 21.0.0.0 0.255.255.255
 140 permit ip 119.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 150 permit ip 115.0.0.0 0.255.255.255 119.0.0.0 0.255.255.255
 160 permit ip 122.0.0.0 0.255.255.255 124.0.0.0 0.255.255.255
 170 permit ip 124.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
 180 permit ip 122.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
 190 permit ip 170.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
ip access-list extended bw600-crypto-policy_sim
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 permit ip 190.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 130 permit ip 115.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 140 permit ip 120.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 150 permit ip 121.0.0.0 0.255.255.255 120.0.0.0 0.255.255.255
 160 permit ip 170.0.0.0 0.255.255.255 180.0.0.0 0.255.255.255
 170 permit ip 180.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
ip access-list extended test
 10 permit tcp host 1.1.1.1 0.2.0.2 255.5.55.5
ip sla responder
logging trap debugging
logging facility local1
logging host 10.104.45.157
logging host 11.3.6.36 vrf Mgmt-intf transport tcp port 514
snmp-server community SNMP RW
snmp-server community public-read RO
snmp-server community public-rw RW
snmp-server community public RW
snmp-server community DNAC RO
snmp-server community LIVE RW
snmp-server trap link switchover
snmp-server trap-source GigabitEthernet0
```

```
snmp-server location India-bl11lab-3
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps vrrp
snmp-server enable traps pfr
snmp-server enable traps flowmon
snmp-server enable traps ds1
snmp-server enable traps entity-perf throughput-notif
snmp-server enable traps call-home message-send-fail server-fail
snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps casa
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps aaa_server
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change
inconsistency
snmp-server enable traps atm subif
snmp-server enable traps sonet
snmp-server enable traps srp
snmp-server enable traps memory bufferpeak
snmp-server enable traps fru-ctrl
snmp-server enable traps entity-qfp mem-res-thresh throughput-notif
snmp-server enable traps entity-sensor
snmp-server enable traps entity-state
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up
snmp-server enable traps ether-oam
snmp-server enable traps resource-policy
snmp-server enable traps ethernet evc status create delete
snmp-server enable traps event-manager
snmp-server enable traps frame-relay
snmp-server enable traps frame-relay subif
snmp-server enable traps hsrp
snmp-server enable traps dlsw
snmp-server enable traps bgp cbgp2 state-changes all backward-trans limited updown-limited
snmp-server enable traps bgp cbgp2 threshold prefix
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps ipmulticast
snmp-server enable traps msdp
snmp-server enable traps mvpn
snmp-server enable traps rsvp
snmp-server enable traps isis
snmp-server enable traps dhcp
snmp-server enable traps ip local pool
snmp-server enable traps isdn call-information
snmp-server enable traps isdn layer2
snmp-server enable traps isdn chan-not-avail
snmp-server enable traps isdn ietf
snmp-server enable traps pki
snmp-server enable traps flash insertion removal lowspace
snmp-server enable traps config
snmp-server enable traps config-ctid
snmp-server enable traps entity
snmp-server enable traps cpu threshold
snmp-server enable traps config-copy
snmp-server enable traps syslog
```

```
snmp-server enable traps nhrp nhs
snmp-server enable traps nhrp nhc
snmp-server enable traps nhrp nhp
snmp-server enable traps nhrp quota-exceeded
snmp-server enable traps ospfv3 state-change
snmp-server enable traps ospfv3 errors
snmp-server enable traps adslline
snmp-server enable traps vdsl2line
snmp-server enable traps cnpd
snmp-server enable traps auth-framework sec-violation
snmp-server enable traps pppoe
snmp-server enable traps ipsla
snmp-server enable traps l2tun session
snmp-server enable traps l2tun pseudowire status
snmp-server enable traps pimstdmib neighbor-loss invalid-register invalid-join-prune
rp-mapping-change interface-election
snmp-server enable traps netsync
snmp-server enable traps ptp
snmp-server enable traps lost-ptp-slave
snmp-server enable traps breach-ptp-offset-threshold
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached
scheduled-test-fail
snmp-server enable traps smart-license
snmp-server enable traps bfd
snmp-server enable traps diameter
snmp-server enable traps lisp
snmp-server enable traps mpls rfc ldp
snmp-server enable traps mpls ldp
snmp-server enable traps mpls rfc traffic-eng
snmp-server enable traps mpls traffic-eng
snmp-server enable traps mpls fast-reroute protected
snmp-server enable traps otn
snmp-server enable traps pw vc
snmp-server enable traps dial
snmp-server enable traps dsp card-status
snmp-server enable traps dsp oper-state
snmp-server enable traps dsp video-usage
snmp-server enable traps dsp video-out-of-resource
snmp-server enable traps sbc adj-status
snmp-server enable traps sbc blacklist
snmp-server enable traps sbc congestion-alarm
snmp-server enable traps sbc h248-ctrlr-status
snmp-server enable traps sbc media-source
snmp-server enable traps sbc radius-conn-status
snmp-server enable traps sbc sla-violation
snmp-server enable traps sbc sla-violation-rev1
snmp-server enable traps sbc svc-state
snmp-server enable traps sbc qos-statistics
snmp-server enable traps firewall serverstatus
snmp-server enable traps frame-relay multilink bundle-mismatch
snmp-server enable traps ike policy add
snmp-server enable traps ike policy delete
snmp-server enable traps ike tunnel start
snmp-server enable traps ike tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps gdoi gm-start-registration
snmp-server enable traps gdoi gm-registration-complete
snmp-server enable traps gdoi gm-re-register
```

```
snmp-server enable traps gdoi gm-rekey-rcvd
snmp-server enable traps gdoi gm-rekey-fail
snmp-server enable traps gdoi ks-rekey-pushed
snmp-server enable traps gdoi gm-incomplete-cfg
snmp-server enable traps gdoi ks-no-rsa-keys
snmp-server enable traps gdoi ks-new-registration
snmp-server enable traps gdoi ks-reg-complete
snmp-server enable traps gdoi ks-role-change
snmp-server enable traps gdoi ks-gm-deleted
snmp-server enable traps gdoi ks-peer-reachable
snmp-server enable traps gdoi ks-peer-unreachable
snmp-server enable traps alarms informational
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps ethernet cfm alarm
snmp-server enable traps rf
snmp-server enable traps vrfmib vrf-up vrf-down vnet-trunk-up vnet-trunk-down
snmp-server enable traps transceiver all
snmp-server enable traps mpls vpn
snmp-server enable traps mpls rfc vpn
snmp-server enable traps voice
snmp-server host 10.104.45.246 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server host 11.3.6.36 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server manager
snmp mib flash cache
!
!
!
!
!
ipv6 access-list bw600-v6-crypto-policy
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 160 deny ipv6 FE80::/16 FF02::/16
 sequence 170 deny ipv6 FF02::/16 FE80::/16
 sequence 180 deny ipv6 FE00::/8 FE00::/8
 sequence 190 deny ipv6 FF00::/8 FF00::/8
 sequence 200 permit ipv6 1900::/16 1150::/16
 sequence 210 permit ipv6 1150::/16 1900::/16
 sequence 220 permit ipv6 1700::/16 1800::/16
 sequence 230 permit ipv6 1800::/16 1700::/16
 sequence 240 permit ipv6 1600::/16 1160::/16
 sequence 250 permit ipv6 1160::/16 1600::/16
 sequence 260 permit ipv6 1900::/16 1170::/16
 sequence 270 permit ipv6 1170::/16 1900::/16
 sequence 280 permit ipv6 1600::/16 1180::/16
 sequence 290 permit ipv6 1180::/16 1600::/16
 sequence 300 permit ipv6 1200::/16 1210::/16
 sequence 310 permit ipv6 1210::/16 1200::/16
 sequence 320 permit ipv6 1150::/16 1170::/16
 sequence 330 permit ipv6 1170::/16 1150::/16
 sequence 340 permit ipv6 2100::/16 3100::/16
 sequence 350 permit ipv6 3100::/16 2100::/16
```

```
 sequence 360 permit ipv6 1230::/16 1210::/16
 sequence 370 permit ipv6 1210::/16 1230::/16
 sequence 380 permit ipv6 1220::/16 1240::/16
 sequence 390 permit ipv6 1240::/16 1220::/16
 sequence 400 permit ipv6 1190::/16 1210::/16
 sequence 410 permit ipv6 1210::/16 1190::/16
 sequence 420 permit ipv6 1230::/16 1200::/16
 sequence 430 permit ipv6 1200::/16 1230::/16
 sequence 440 permit ipv6 1220::/16 1700::/16
 sequence 450 permit ipv6 1700::/16 1220::/16
 sequence 460 permit ipv6 1250::/16 1210::/16
 sequence 470 permit ipv6 1210::/16 1250::/16
 sequence 480 permit ipv6 1260::/16 1150::/16
 sequence 490 permit ipv6 1150::/16 1260::/16
 sequence 500 permit ipv6 1280::/16 1290::/16
 sequence 510 permit ipv6 1290::/16 1280::/16
 sequence 520 permit ipv6 1150::/16 1300::/16
 sequence 530 permit ipv6 1300::/16 1150::/16
 sequence 540 permit ipv6 1150::/16 1310::/16
 sequence 550 permit ipv6 1310::/16 1150::/16
 sequence 560 permit ipv6 1010::/16 1020::/16
 sequence 570 permit ipv6 1020::/16 1010::/16
 sequence 580 permit ipv6 1250::/16 1150::/16
 sequence 590 permit ipv6 1150::/16 1250::/16
 sequence 600 permit ipv6 1910::/16 1160::/16
 sequence 610 permit ipv6 1160::/16 1910::/16
 sequence 620 permit ipv6 1920::/16 1160::/16
 sequence 630 permit ipv6 1160::/16 1920::/16
 sequence 640 permit ipv6 1930::/16 1170::/16
 sequence 650 permit ipv6 1170::/16 1930::/16
 sequence 660 permit ipv6 1930::/16 1150::/16
 sequence 670 permit ipv6 1150::/16 1930::/16
 sequence 680 permit ipv6 1940::/16 1170::/16
 sequence 690 permit ipv6 1170::/16 1940::/16
 sequence 700 permit ipv6 1940::/16 1150::/16
 sequence 710 permit ipv6 1150::/16 1940::/16
!
ipv6 access-list bw600-v6-crypto-policy_eft
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 160 deny ipv6 FE80::/16 FF02::/16
 sequence 170 deny ipv6 FF02::/16 FE80::/16
 sequence 180 deny ipv6 FE00::/8 FE00::/8
 sequence 190 deny ipv6 FF00::/8 FF00::/8
 sequence 200 permit ipv6 2100::/16 3100::/16
 sequence 210 permit ipv6 3100::/16 2100::/16
 sequence 220 permit ipv6 1190::/16 1150::/16
 sequence 230 permit ipv6 1150::/16 1190::/16
!
ipv6 access-list bw600-v6-crypto-policy_sim
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
```

```
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 160 deny ipv6 FE80::/16 FF02::/16
 sequence 170 deny ipv6 FF02::/16 FE80::/16
 sequence 180 deny ipv6 FE00::/8 FE00::/8
 sequence 190 deny ipv6 FF00::/8 FF00::/8
 sequence 200 permit ipv6 1900::/16 1150::/16
 sequence 210 permit ipv6 1150::/16 1900::/16
 sequence 220 permit ipv6 1700::/16 1800::/16
 sequence 230 permit ipv6 1800::/16 1700::/16
 sequence 240 permit ipv6 1600::/16 1160::/16
 sequence 250 permit ipv6 1160::/16 1600::/16
 sequence 260 permit ipv6 1900::/16 1170::/16
!
ipv6 access-list bw600-v6-crypto-policy_test
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 160 deny ipv6 FE80::/16 FF02::/16
 sequence 170 deny ipv6 FF02::/16 FE80::/16
 sequence 180 deny ipv6 FE00::/8 FE00::/8
 sequence 190 deny ipv6 FF00::/8 FF00::/8
 sequence 200 permit ipv6 any any
!
control-plane
!
!
!
!
!
!
line con 0
 exec-timeout 0 0
 stopbits 1
line aux 0
line vty 0 4
 exec-timeout 0 0
 password 7 <removed>
 logging synchronous
 transport input all
 transport output all
line vty 5 14
 transport input ssh
```

```
!
call-home
 ! If contact email address in call-home is configured as sch-smart-licensing@cisco.com
 ! the email address configured in Cisco Smart License Portal will be used as contact email
 address to send SCH notifications.
 contact-email-addr sch-smart-licensing@cisco.com
 profile "CiscoTAC-1"
  active
  destination transport-method http
ntp trusted-key 1
ntp source GigabitEthernet0
ntp master 1
ntp server vrf Mgmt-intf 11.3.6.10
!
!
netconf ssh
!
!
!
!
event manager applet test-eem
 event timer countdown name test-time time 350
!
telemetry ietf subscription 294967224
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967225
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967226
 filter xpath /crypto-ios-xe-events:nhrp-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967227
 filter xpath /crypto-ios-xe-events:ike-ipsec-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967228
 filter xpath /crypto-ios-xe-events:ike-ipsec-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967229
 filter xpath /qfp-resource-ios-xe-events:qfp-exmem-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967232
 filter xpath /utd-ios-xe-events:utd-con
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967233
 filter xpath /red-app-events:red-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967234
```

```
 filter xpath /sse-ios-xe-events:sse-tunnel-params-absent
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967236
 filter xpath /nat-ios-xe-events:nat-route-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967237
 filter xpath /endpoint-tracker-ios-xe-events:tracker-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967238
 filter xpath /dca-ios-xe-events:dca-change-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967239
 filter xpath /geo-ios-xe-events:geo-db-update-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967240
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967241
 filter xpath /appqoe-ios-xe-events:appqoe-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967242
 filter xpath /appqoe-ios-xe-events:appqoe-alarm
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967243
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-expiry
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967244
 filter xpath /line-ios-xe-events:line-state-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967245
 filter xpath /ospf-ios-xe-events:ospfv3-nbr-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967246
 filter xpath /ospf-ios-xe-events:ospfv3-if-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967249
 filter xpath /ios-events-ios-xe-oper:umbrella-dnscrypt-update
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967250
 filter xpath /ios-events-ios-xe-oper:umbrella-dev-reg-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967251
 filter xpath /ios-events-ios-xe-oper:bridge-interface-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967252
 filter xpath /ios-events-ios-xe-oper:bridge-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967253
 filter xpath /im-events-ios-xe-oper:im-event
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967254
 filter xpath /ios-events-ios-xe-oper:vrrp-group-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967258
 filter xpath /ios-events-ios-xe-oper:usb-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967259
 filter xpath /ios-events-ios-xe-oper:tempsensor-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967260
 filter xpath /ios-events-ios-xe-oper:tempsensor-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967261
 filter xpath /ios-events-ios-xe-oper:system-reboot-issued
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967262
 filter xpath /ios-events-ios-xe-oper:system-reboot-complete
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967263
 filter xpath /ios-events-ios-xe-oper:system-logout-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967264
```

```
 filter xpath /ios-events-ios-xe-oper:system-login-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967265
 filter xpath /ios-events-ios-xe-oper:system-aaa-login-fail
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967266
 filter xpath /ios-events-ios-xe-oper:sfp-support-state
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967267
 filter xpath /ios-events-ios-xe-oper:sfp-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967268
 filter xpath /ios-events-ios-xe-oper:sdcard-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967269
 filter xpath /ios-events-ios-xe-oper:pim-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967270
 filter xpath /ios-events-ios-xe-oper:pim-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967271
 filter xpath /ios-events-ios-xe-oper:pem-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967272
 filter xpath /ios-events-ios-xe-oper:pem-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967273
 filter xpath /ios-events-ios-xe-oper:ospf-neighbor-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967274
 filter xpath /ios-events-ios-xe-oper:ospf-interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967275
 filter xpath /ios-events-ios-xe-oper:memory-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967276
 filter xpath /ios-events-ios-xe-oper:interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967277
 filter xpath /ios-events-ios-xe-oper:interface-admin-state-change
 stream rfc5277
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967278
 filter xpath /ios-events-ios-xe-oper:flash-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967279
 filter xpath /ios-events-ios-xe-oper:fib-updates
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967280
 filter xpath /ios-events-ios-xe-oper:fantray-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967281
 filter xpath /ios-events-ios-xe-oper:fan-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967282
 filter xpath /ios-events-ios-xe-oper:emmc-fault
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967283
 filter xpath /ios-events-ios-xe-oper:disk-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967284
 filter xpath /ios-events-ios-xe-oper:dhcp-server-state-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967285
 filter xpath /ios-events-ios-xe-oper:dhcp-address-renewed
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967286
 filter xpath /ios-events-ios-xe-oper:dhcp-address-released
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967287
 filter xpath /ios-events-ios-xe-oper:dhcp-address-rejected
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967288
 filter xpath /ios-events-ios-xe-oper:dhcp-address-assigned
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967289
 filter xpath /ios-events-ios-xe-oper:cpu-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967290
 filter xpath /ios-events-ios-xe-oper:cellular-sim-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967291
 filter xpath /ios-events-ios-xe-oper:cellular-network-status-change
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967292
 filter xpath /ios-events-ios-xe-oper:cellular-modem-status-change
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967293
 filter xpath /ios-events-ios-xe-oper:bgp-peer-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967294
 filter xpath /ios-events-ios-xe-oper:app-dpi-flows-out-of-memory
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967295
 filter xpath /ios-events-ios-xe-oper:aaa-admin-pwd-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967244
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967245
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967246
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-file-upload-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967253
 filter xpath /im-events-ios-xe-oper:im-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry receiver protocol confd-rfc5277
 host ip-address 0.0.0.0 0
 protocol rfc5277
netconf-yang
```

```
netconf-yang feature candidate-datastore
yang-interfaces feature deprecated disable
sd-routing
 no ipv6-strict-control
 organization-name vmng-scale-ind-getvpn
 site-id 1
 sp-organization-name vmng-scale-ind
 system-ip 192.192.10.1
 vbond name vbond1
 vbond port 12346
 wan-interface GigabitEthernet0/0/1
end
```

WAN Aggregation GETVPN KS2 yang commands

Configuration example for KS2

```
!
! Last configuration change at 11:00:19 IST Mon Nov 25 2024
!
version 17.16
service timestamps debug datetime msec
service timestamps log datetime localtime
service password-encryption
service internal
service call-home
platform qfp utilization monitor load 80
!
hostname ks2
!
boot-start-marker
boot system bootflash:c8000be-universalk9.BLD_V1716_THROTTLE_LATEST_20241122_071016.SSA.bin
! Warning: Booting with bundle mode will be deprecated in the near future. Migration to
install mode is required.
boot-end-marker
!
!
vrf definition KS-VRF1
 rd 200:1
 !
 address-family ipv4
  route-target export 200:1
  route-target import 200:1
 exit-address-family
!
vrf definition Mgmt-intf
 !
 address-family ipv4
 exit-address-family
 !
 address-family ipv6
 exit-address-family
!
logging count
logging queue-limit 10000
logging buffered 999999999
aaa new-model
!
!
aaa group server tacacs+ mgmt
 server-private 9.45.47.245 key 7 15060E1F10232523796166
 server-private 10.104.45.220 key 7 09584B1A0D0C19155A5E57
 ip vrf forwarding Mgmt-intf
 ip tacacs source-interface GigabitEthernet0/0/3
!
aaa authentication login default local group mgmt
aaa authorization exec default local group mgmt
!
!
aaa session-id common
clock timezone IST 5 30
!
ip host vbond1 70.70.70.125
ip name-server 171.70.168.183 72.163.128.140
```

```
ip domain lookup source-interface GigabitEthernet0/0/2
ip domain name cisco.com
!
!
!
!
!
!
!
!
!
!
!
login on-success log
!
!
!
!
!
!
!
subscriber service multiple-accept
subscriber templating
subscriber session auto-service-fail-ignore
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
!
crypto pki trustpoint SLA-TrustPoint
 enrollment terminal
 revocation-check crl
 hash sha256
!
crypto pki trustpoint TP-self-signed-2020380640
 enrollment selfsigned
 subject-name cn=IOS-Self-Signed-Certificate-2020380640
 revocation-check none
 rsakeypair TP-self-signed-2020380640
 hash sha512
!
crypto pki trustpoint CA_SERVER
 enrollment retry count 100
 enrollment retry period 2
 enrollment url http://11.3.6.10:80
 serial-number
 ip-address GigabitEthernet0/0/3
 subject-name cn=cisco1.cisco.com
 subject-alt-name cisco1.cisco.com
 vrf Mgmt-intf
 revocation-check crl
 source interface GigabitEthernet0/0/3
 rsakeypair cisco3key 2048
 hash sha256
```

```
!
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 enrollment terminal pem
 revocation-check none
 rsakeypair ROOTB
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 enrollment profile profile_wo_pass_enc_p
 subject-name cn=test_11
 vrf Mgmt-intf
 revocation-check none
 rsakeypair tp_wo_pass_enc 2048
 hash sha512
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 method-est
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 source-interface GigabitEthernet0/0/3
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 02F84D14 0A57B596 2EB56645 0F22A94E D685EE0D D332B554 9607DB78 9696FA49
 B83C049A 3D96CCB1 868A1206 6C61F207 F37C0FE3 B6636717 871629FA 859446F1
 6BF13920 97735270 4CDABA5C 142A62F5 6D7D5F78 315D2407 836721F0 B1B2215D
 CE22A74C 120A741A 12C13F
  quit
certificate ca 07BC972B96C72E37EDB6B66A526FDD396D490EAA
 308204B0 30820318 A0030201 02021407 BC972B96 C72E37ED B6B66A52 6FDD396D
 490EAA30 0D06092A 864886F7 0D01010B 05003024 31223020 06035504 030C194F
 70656E58 504B4920 526F6F74 20434120 32303234 30353231 3020170D 32343035
 32313038 35383435 5A180F32 30393531 30303130 38353834 355A305A 310B3009
 06035504 06130244 45311130 0F060355 040A0C08 4F70656E 58504B49 310C300A
 06035504 0B0C0350 4B49312A 30280603 5504030C 214F7065 6E58504B 49204465
 6D6F2049 73737569 6E672043 41203230 32343035 32313082 01A2300D 06092A86
 4886F70D 01010105 00038201 8F003082 018A0282 0181009E B44B2FC5 92D48503
 199719DA 58190B89 66BEF1E3 5395BCAA F9AD181A 17492C0D 35ECFAD0 998731E1
 E750B282 29D0D985 AC8B2223 FBA542D6 A6321AE0 22ED2513 750A63CB 0EFB70F9
 EDA2E884 45600F67 49D23E78 64C21E1C 826CD8AE 0B2D1D93 0E685B1A 6AD9E2A2
 A2DBE29D B0624274 523560D3 7470AE47 A1F79C21 A5364A85 6A43FA23 9FE969BA
 F7F1347B 5134CAEC B00C0EEC 91990C4A 3CDA532C F87170F9 C77B4FE5 FEA664F2
 594B36D2 FAFDBF20 CA052004 31106CE4 8D4DEDD5 F60F8173 04BA9BA6 634B85A1
 C5DF0879 CFB9AD45 4B79A946 797E4B6D 42E000F2 DBB97780 3A614877 0FCD9CA7
 A238B5B6 35143E55 642263E0 03E354E6 77DE26FF 1141406B 70EF4F1B BC7C5AEA
 B8729BCD C69868FE 856C1DDD 8429E2C4 6910E647 891A21A6 994B60EE 8021F434
 9A45E046 EE3F90B0 B60BD500 4580A62F 0C18A076 DCE03BD2 A49C4CE8 B33B30BF
 F0C5CAEC 123ED412 AD2F7C5C 36AA61C8 2D958185 7A5DCDB0 234A041E 958D7AAA
 1A7211F0 2143B157 5DE4BB8E 03DFFA11 2CF854ED 70187102 03010001 A381A130
 819E301D 0603551D 0E041604 144C7203 7BAAB0CE 1F0EB7CD 44D58A51 89680F8B
```

```
  84300B06 03551D0F 04040302 0186300F 0603551D 130101FF 04053003 0101FF30
  5F060355 1D230458 30568014 54952F87 9F7AB671 6417BE7B B300E01E 7E0E6AE0
  A128A426 30243122 30200603 5504030C 194F7065 6E58504B 4920526F 6F742043
  41203230 32343035 32318214 67B82605 CF98B12F 3681CDD4 3BF76F9E 99481185
  300D0609 2A864886 F70D0101 0B050003 82018100 CC37F20F A763F397 386C7C43
  89527025 EB472A26 26904EB6 1048157A 55B7A6FA 2FDDEC0E CBBAA712 950F9517
  99E50FB6 0A305D4D 3396A6EC 2E4F4FCB E4F8267E 4707C749 64AF2095 A7720B66
  5CB8D2BF A2820337 59DFCFFB 268C6DEA 640B3B54 A2F26688 92D7ABA2 220C6FED
  859E71C4 D35767D3 F99C4FFA AAE708D8 1B41851B 614B81A6 A01C0355 5749D8C3
  E2661DCC CC89A320 AEFEA7E8 A830A149 DE909BF2 132CD718 F6ECBA86 8EF720B6
  2D2EC31D A9E2FD00 1B6FB1AB 476EF2E6 91E21FBD C7996A50 A336DAE3 F4E70F05
  23B252A0 AB4325BF 24B081CA E354102B BF0CC017 8F47CA97 43E1DD04 4708B5ED
  28E76281 4530C1D4 81E10B3C 4682DF50 BC1B180D DD66AF7A 2A684084 5FD6DC07
  82725D98 8B33C2CC 1796D2C3 CE1FC28E 7CDA9306 8B4AC884 76CC875D 84C2108B
  7ABEAF15 84BF1AE2 B2628E08 ABDB74A8 888F166B 23871A3C 56D70300 09FE66B5
  C2B4181D 19512385 BB83A4A6 9496F4ED 98BB24A1 519043DB 07C92143 0D2E5812
  5ADE5448 CF4F3BD2 E3978AB6 EF4A38CF 81ADDF5B
   quit
!
!
!
!
!
!
!
!
!
diagnostic bootup level minimal
!
license udi pid C8300-1N1S-4T2X sn FDO2637M1CD
license accept end user agreement
license boot level network-advantage
license smart url https://smartreceiver-stage.cisco.com/licservice/license
license smart url smart https://smartreceiver-stage.cisco.com/licservice/license
license smart transport off
memory free low-watermark processor 330968
!
spanning-tree extend system-id
!
!
!
username admin privilege 15 password 7 <removed>
!
redundancy
 mode none
!
!
!
no crypto ikev2 proposal default
crypto ikev2 proposal gikev2-proposal
 encryption aes-cbc-128
 integrity sha1 sha256 sha384 sha512
 group 19
!
no crypto ikev2 policy default
crypto ikev2 policy gikev2-policy
 match fvrf any
 match address local 15.0.0.5
 proposal gikev2-proposal
!
crypto ikev2 keyring gikev2-keyring
!
!
crypto ikev2 profile gikev2-profile
```

```
 match identity remote address 0.0.0.0
 match identity remote address 30.0.0.0 255.0.0.0
 match identity remote address 50.0.0.0 255.0.0.0
 match identity remote address 70.0.0.0 255.0.0.0
 match identity remote address 20.0.0.0 255.0.0.0
 match identity remote address 40.0.0.0 255.0.0.0
 match identity remote address 2.2.2.2 255.255.255.255
 match identity remote address 2.0.0.0 255.0.0.0
 match identity remote address 33.0.0.0 255.0.0.0
 match identity remote address 133.0.0.0 255.0.0.0
 match identity remote address 153.0.0.0 255.0.0.0
 match identity remote address 80.0.0.0 255.0.0.0
 match identity remote address 81.0.0.0 255.0.0.0
 match identity remote address 177.0.0.0 255.0.0.0
 match identity remote address 132.0.0.0 255.0.0.0
 match identity remote address 3.0.0.0 255.0.0.0
 match identity remote address 5.0.0.0 255.0.0.0
 match identity remote address 7.0.0.0 255.0.0.0
 match identity remote address 8.0.0.0 255.0.0.0
 match identity remote address 134.0.0.0 255.0.0.0
 match identity remote address 9.0.0.0 255.0.0.0
 match identity remote address 144.0.0.0 255.0.0.0
 match identity remote address 145.0.0.0 255.0.0.0
 identity local address 15.0.0.5
 authentication remote rsa-sig
 authentication local rsa-sig
 pki trustpoint CA_SERVER
!
crypto ikev2 limit max-in-negotation-sa 2000
!
!
!
!
!
!
!
!
!
!
!
!
crypto isakmp policy 10
 encryption aes 256
 hash sha
 group 14
!
crypto isakmp policy 20
 encryption aes 256
 hash sha
 group 14
 lifetime 60
crypto isakmp key KS-cisco address 15.0.0.1
crypto isakmp key KS-cisco address 15.0.0.4
crypto isakmp key KS-cisco address 15.0.0.2
crypto isakmp key cisco123 address 30.1.1.2
crypto isakmp key cisco123 address 40.1.1.2
crypto isakmp key cisco123 address 70.1.1.2
crypto isakmp key KS-cisco address 15.0.0.6
crypto isakmp key KS-cisco address 15.0.0.3
crypto isakmp key KS-cisco address 15.0.0.5
crypto isakmp key cisco123 address 30.0.0.0
crypto isakmp key cisco123 address 50.0.0.0
crypto isakmp key cisco123 address 70.0.0.0
crypto isakmp key cisco123 address 20.0.0.0
```

```
crypto isakmp key cisco123 address 40.0.0.0
crypto isakmp key cisco123 address 2.0.0.0
crypto isakmp key cisco123 address 33.0.0.0
crypto isakmp key cisco123 address 177.0.0.0
crypto isakmp key cisco123 address 144.0.0.0
crypto isakmp identity dn
crypto isakmp keepalive 10 periodic
!
!
crypto ipsec transform-set bw600-cryptoset esp-aes 256 esp-sha512-hmac
 mode tunnel
crypto ipsec transform-set BW600-CRYPTOSET-IPv6 esp-aes 256 esp-sha512-hmac
 mode tunnel
crypto ipsec transform-set TSET-suiteB esp-gcm 256
 mode tunnel
crypto ipsec transform-set TSET-V6-SuiteB esp-gcm 256
 mode tunnel
crypto ipsec transform-set TSET-V4-SuiteB esp-gcm 256
 mode tunnel
crypto ipsec transform-set bw600-cryptoset_eft esp-aes 256 esp-sha-hmac
 mode tunnel
crypto ipsec transform-set BW600-CRYPTOSET-IPv6_eft esp-aes 256 esp-sha512-hmac
 mode tunnel
no crypto ipsec transform-set default
!
crypto ipsec profile BW600-IPv6
 set security-association lifetime seconds 5000
 set transform-set BW600-CRYPTOSET-IPv6
!
crypto ipsec profile BW600-IPv6_eft
 set security-association lifetime seconds 5000
 set transform-set BW600-CRYPTOSET-IPv6_eft
!
crypto ipsec profile BW600-IPv6_sim
 set security-association lifetime seconds 2000
 set transform-set BW600-CRYPTOSET-IPv6
!
crypto ipsec profile bw600
 set security-association lifetime seconds 5000
 set transform-set bw600-cryptoset
!
crypto ipsec profile bw600_eft
 set security-association lifetime seconds 5000
 set transform-set bw600-cryptoset_eft
!
crypto ipsec profile bw600_sim
 set security-association lifetime seconds 2000
 set transform-set bw600-cryptoset
!
crypto ipsec profile cust-ipsec-suiteB
 set security-association lifetime seconds 5050
 set transform-set TSET-suiteB
!
crypto ipsec profile cust-ipsec-suiteB-v6
 set security-association lifetime seconds 5050
 set transform-set TSET-V6-SuiteB
!
!
crypto ipsec profile profile2
 set security-association lifetime seconds 7200
 set transform-set TSET-V4-SuiteB
!
crypto gdoi group bw6000
 identity number 6000
```

```
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 8000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  registration periodic crl trustpoint CA_SERVER
  sa ipsec 10
   profile bw600
   match address ipv4 bw600-crypto-policy
   replay time window-size 20
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 240
   peer address ipv4 15.0.0.1
   peer address ipv4 15.0.0.3
  pfs
!
crypto gdoi group ipv6 bw600-IPV6
 identity number 6600
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 8000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  registration periodic crl trustpoint CA_SERVER
  sa ipsec 10
   profile BW600-IPv6
   match address ipv6 bw600-v6-crypto-policy
   replay time window-size 20
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 240
   peer address ipv4 15.0.0.1
   peer address ipv4 15.0.0.3
  pfs
!
crypto gdoi group bw-suiteB
 identity number 2001
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 10000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  identifier
   range 41 - 60
  sa ipsec 10
   profile cust-ipsec-suiteB
   match address ipv4 bw600-crypto-policy
   replay time window-size 20
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 240
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.1
  pfs
```

```
!
crypto gdoi group ipv6 bw-suiteB-v6
 identity number 2002
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 10000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  identifier
   range 41 - 60
  sa ipsec 10
   profile cust-ipsec-suiteB-v6
   match address ipv6 bw600-v6-crypto-policy
   replay time window-size 22
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 240
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.1
  pfs
!
crypto gdoi group bw6000_eft
 identity number 1122
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 4000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  sa ipsec 10
   profile bw600_eft
   match address ipv4 bw600-crypto-policy_eft
   no replay
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 240
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.1
  no pfs
!
crypto gdoi group ipv6 bw600-IPV6_eft
 identity number 2233
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 4000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  sa ipsec 10
   profile BW600-IPv6_eft
   match address ipv6 bw600-v6-crypto-policy_eft
   no replay
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 240
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.1
```

```
  no pfs
!
crypto gdoi group bw6000_sim
 identity number 6006
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 16000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  registration periodic crl trustpoint CA_SERVER
  sa ipsec 10
   profile bw600_sim
   match address ipv4 bw600-crypto-policy_sim
   no replay
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 230
   peer address ipv4 15.0.0.1
   peer address ipv4 15.0.0.3
  no pfs
!
crypto gdoi group ipv6 bw600-IPV6_sim
 identity number 6606
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 16000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  registration periodic crl trustpoint CA_SERVER
  sa ipsec 10
   profile BW600-IPv6_sim
   match address ipv6 bw600-v6-crypto-policy_sim
   no replay
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 230
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.1
  no pfs
!
crypto gdoi group ipv6 bw-suiteB-v6_sim
 identity number 2003
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 16000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa GET-KEYSv6
  rekey transport unicast
  identifier
   range 61 - 80
  sa ipsec 10
   profile cust-ipsec-suiteB-v6
   match address ipv6 bw600-v6-crypto-policy_sim
   no replay
   no tag
  address ipv4 15.0.0.5
  redundancy
```

```
   local priority 220
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.1
  no pfs
!
crypto gdoi group bw-suiteB_sim
 identity number 2004
 server local
  gikev2 gikev2-profile
  rekey algorithm aes 256
  rekey lifetime seconds 16000
  rekey retransmit 10 number 3
  rekey authentication mypubkey rsa REKEYRSA
  rekey transport unicast
  identifier
   range 61 - 80
  sa ipsec 10
   profile cust-ipsec-suiteB
   match address ipv4 bw600-crypto-policy_sim
   no replay
   no tag
  address ipv4 15.0.0.5
  redundancy
   local priority 220
   peer address ipv4 15.0.0.3
   peer address ipv4 15.0.0.1
  no pfs
!
!
crypto call admission limit ike in-negotiation-sa 2000
!
buffers huge size 65535
!
!
!
!
!
!
interface Loopback0
 ip address <removed>
!
interface Loopback111
 description this is for seamless upgrade
 ip address <removed>
!
interface GigabitEthernet0/0/0
 no ip address
 negotiation auto
!
interface GigabitEthernet0/0/0.152
 encapsulation dot1Q 152
 ip address <removed>
!
interface GigabitEthernet0/0/1
 ip address <removed>
 negotiation auto
!
interface GigabitEthernet0/0/2
 ip address <removed>
 negotiation auto
!
interface GigabitEthernet0/0/3
 vrf forwarding Mgmt-intf
 ip address <removed>
```

```
 negotiation auto
!
interface TenGigabitEthernet0/0/4
 no ip address
 negotiation auto
!
interface TenGigabitEthernet0/0/5
 no ip address
 negotiation auto
!
router ospf 100
 redistribute connected
 network 15.0.0.5 0.0.0.0 area 0
 network 56.0.0.0 0.0.0.255 area 0
!
ip forward-protocol nd
ip forward-protocol udp
ip tcp selective-ack
ip tcp mss 1460
ip tftp source-interface GigabitEthernet0/0/3
ip tftp blocksize 8192
ip dns server
ip http server
ip http authentication local
ip http secure-server
ip http client secure-trustpoint SLA-TrustPoint
!
ip route 0.0.0.0 0.0.0.0 56.0.0.1
ip route 0.0.0.0 0.0.0.0 10.106.249.1
ip route 10.104.45.131 255.255.255.255 10.106.249.1
ip route 64.103.223.81 255.255.255.255 10.106.249.1
ip route 70.70.70.0 255.255.255.0 101.101.9.1
ip route 172.10.1.0 255.255.255.0 101.101.9.1
ip route 173.37.167.221 255.255.255.255 10.106.249.1
ip route vrf Mgmt-intf 0.0.0.0 0.0.0.0 11.3.0.1
ip route vrf Mgmt-intf 202.153.144.25 255.255.255.255 11.3.0.1
ip ssh bulk-mode 131072
!
ip access-list extended bw600-crypto-policy
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 permit ip 190.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 130 permit ip 115.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 140 permit ip 120.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 150 permit ip 121.0.0.0 0.255.255.255 120.0.0.0 0.255.255.255
 160 permit ip 170.0.0.0 0.255.255.255 180.0.0.0 0.255.255.255
 170 permit ip 180.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
 180 permit ip 160.0.0.0 0.255.255.255 118.0.0.0 0.255.255.255
 190 permit ip 118.0.0.0 0.255.255.255 160.0.0.0 0.255.255.255
 200 permit ip 190.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 210 permit ip 117.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 220 permit ip 160.0.0.0 0.255.255.255 116.0.0.0 0.255.255.255
 230 permit ip 116.0.0.0 0.255.255.255 160.0.0.0 0.255.255.255
 240 permit ip 192.0.0.0 0.255.255.255 192.0.0.0 0.255.255.255
 250 permit ip 151.0.0.0 0.255.255.255 152.0.0.0 0.255.255.255
```

```
 260 permit ip 152.0.0.0 0.255.255.255 151.0.0.0 0.255.255.255
 270 permit ip 16.0.0.0 0.255.255.255 48.0.0.0 0.255.255.255
 280 permit ip 48.0.0.0 0.255.255.255 16.0.0.0 0.255.255.255
 290 permit ip 117.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 300 permit ip 115.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 310 permit ip 21.0.0.0 0.255.255.255 31.0.0.0 0.255.255.255
 320 permit ip 31.0.0.0 0.255.255.255 21.0.0.0 0.255.255.255
 330 permit ip 123.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 340 permit ip 121.0.0.0 0.255.255.255 123.0.0.0 0.255.255.255
 350 permit ip 122.0.0.0 0.255.255.255 124.0.0.0 0.255.255.255
 360 permit ip 124.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
 370 permit ip 119.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 380 permit ip 121.0.0.0 0.255.255.255 119.0.0.0 0.255.255.255
 390 permit ip 123.0.0.0 0.255.255.255 120.0.0.0 0.255.255.255
 400 permit ip 120.0.0.0 0.255.255.255 123.0.0.0 0.255.255.255
 410 permit ip 122.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
 420 permit ip 170.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
 430 permit ip 190.0.0.0 0.255.255.255 225.0.0.0 0.255.255.255
 440 permit ip 125.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 450 permit ip 121.0.0.0 0.255.255.255 125.0.0.0 0.255.255.255
 460 permit ip 126.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 470 permit ip 115.0.0.0 0.255.255.255 126.0.0.0 0.255.255.255
 480 permit ip 128.0.0.0 0.255.255.255 129.0.0.0 0.255.255.255
 490 permit ip 129.0.0.0 0.255.255.255 128.0.0.0 0.255.255.255
 500 permit ip 115.0.0.0 0.255.255.255 130.0.0.0 0.255.255.255
 510 permit ip 130.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 520 permit ip 115.0.0.0 0.255.255.255 131.0.0.0 0.255.255.255
 530 permit ip 131.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 540 permit ip 101.0.0.0 0.255.255.255 102.0.0.0 0.255.255.255
 550 permit ip 102.0.0.0 0.255.255.255 101.0.0.0 0.255.255.255
 560 permit ip 115.0.0.0 0.255.255.255 125.0.0.0 0.255.255.255
 570 permit ip 125.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 580 permit ip 191.0.0.0 0.255.255.255 116.0.0.0 0.255.255.255
 590 permit ip 116.0.0.0 0.255.255.255 191.0.0.0 0.255.255.255
 600 permit ip 192.0.0.0 0.255.255.255 116.0.0.0 0.255.255.255
 610 permit ip 116.0.0.0 0.255.255.255 192.0.0.0 0.255.255.255
 620 permit ip 193.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 630 permit ip 117.0.0.0 0.255.255.255 193.0.0.0 0.255.255.255
 640 permit ip 193.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 650 permit ip 115.0.0.0 0.255.255.255 193.0.0.0 0.255.255.255
 660 permit ip 194.0.0.0 0.255.255.255 117.0.0.0 0.255.255.255
 670 permit ip 117.0.0.0 0.255.255.255 194.0.0.0 0.255.255.255
 680 permit ip 194.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 690 permit ip 115.0.0.0 0.255.255.255 194.0.0.0 0.255.255.255
ip access-list extended bw600-crypto-policy_eft
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 permit ip 21.0.0.0 0.255.255.255 31.0.0.0 0.255.255.255
 130 permit ip 31.0.0.0 0.255.255.255 21.0.0.0 0.255.255.255
 140 permit ip 119.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 150 permit ip 115.0.0.0 0.255.255.255 119.0.0.0 0.255.255.255
 160 permit ip 122.0.0.0 0.255.255.255 124.0.0.0 0.255.255.255
 170 permit ip 124.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
 180 permit ip 122.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
 190 permit ip 170.0.0.0 0.255.255.255 122.0.0.0 0.255.255.255
```

```
ip access-list extended bw600-crypto-policy_sim
 10 deny udp any eq 16384 any
 20 deny tcp any any eq bgp
 30 deny tcp any eq bgp any
 40 deny tcp any any eq 22
 50 deny tcp any eq 22 any
 60 deny ospf any any
 70 deny pim any 224.0.0.0 0.0.0.255
 80 deny udp any any eq syslog
 90 deny udp any eq isakmp any eq isakmp
 100 deny udp any eq 848 any
 110 deny udp any any eq 848
 120 permit ip 190.0.0.0 0.255.255.255 115.0.0.0 0.255.255.255
 130 permit ip 115.0.0.0 0.255.255.255 190.0.0.0 0.255.255.255
 140 permit ip 120.0.0.0 0.255.255.255 121.0.0.0 0.255.255.255
 150 permit ip 121.0.0.0 0.255.255.255 120.0.0.0 0.255.255.255
 160 permit ip 170.0.0.0 0.255.255.255 180.0.0.0 0.255.255.255
 170 permit ip 180.0.0.0 0.255.255.255 170.0.0.0 0.255.255.255
ip sla responder
logging trap alerts
logging facility local1
logging host 10.104.45.157
snmp-server community SNMP RW
snmp-server community public-read RO
snmp-server community public-rw RW
snmp-server community public RW
snmp-server community DNAC RO
snmp-server community LIVE RW
snmp-server trap link switchover
snmp-server location India-bl11lab-3
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps vrrp
snmp-server enable traps flowmon
snmp-server enable traps pfr
snmp-server enable traps ds1
snmp-server enable traps entity-perf throughput-notif
snmp-server enable traps ds3
snmp-server enable traps call-home message-send-fail server-fail
snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps casa
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps xgcp
snmp-server enable traps bfd
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change
inconsistency
snmp-server enable traps config-copy
snmp-server enable traps config
snmp-server enable traps config-ctid
snmp-server enable traps memory bufferpeak
snmp-server enable traps fru-ctrl
snmp-server enable traps entity
snmp-server enable traps event-manager
snmp-server enable traps frame-relay
snmp-server enable traps frame-relay subif
```

```
snmp-server enable traps hsrp
snmp-server enable traps entity-state
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up
snmp-server enable traps ether-oam
snmp-server enable traps ethernet evc status create delete
snmp-server enable traps entity-qfp mem-res-thresh throughput-notif
snmp-server enable traps entity-sensor
snmp-server enable traps flash insertion removal lowspace
snmp-server enable traps adslline
snmp-server enable traps vdsl2line
snmp-server enable traps isdn call-information
snmp-server enable traps isdn layer2
snmp-server enable traps isdn chan-not-avail
snmp-server enable traps isdn ietf
snmp-server enable traps cnpd
snmp-server enable traps srp
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached
scheduled-test-fail
snmp-server enable traps aaa_server
snmp-server enable traps atm subif
snmp-server enable traps bgp cbgp2 state-changes all backward-trans limited updown-limited
snmp-server enable traps bgp cbgp2 threshold prefix
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps ipmulticast
snmp-server enable traps msdp
snmp-server enable traps mvpn
snmp-server enable traps rsvp
snmp-server enable traps isis
snmp-server enable traps dhcp
snmp-server enable traps ip local pool
snmp-server enable traps nhrp nhs
snmp-server enable traps nhrp nhc
snmp-server enable traps nhrp nhp
snmp-server enable traps nhrp quota-exceeded
snmp-server enable traps ospfv3 state-change
snmp-server enable traps ospfv3 errors
snmp-server enable traps pppoe
snmp-server enable traps cpu threshold
snmp-server enable traps ipsla
snmp-server enable traps syslog
snmp-server enable traps smart-license
snmp-server enable traps pimstdmib neighbor-loss invalid-register invalid-join-prune
rp-mapping-change interface-election
snmp-server enable traps frame-relay multilink bundle-mismatch
snmp-server enable traps sonet
snmp-server enable traps dlsw
snmp-server enable traps resource-policy
snmp-server enable traps lisp
snmp-server enable traps otn
snmp-server enable traps l2tun session
snmp-server enable traps l2tun pseudowire status
snmp-server enable traps pw vc
snmp-server enable traps auth-framework sec-violation
snmp-server enable traps c3g
snmp-server enable traps LTE
snmp-server enable traps dial
snmp-server enable traps dsp card-status
snmp-server enable traps dsp oper-state
snmp-server enable traps dsp video-usage
snmp-server enable traps dsp video-out-of-resource
snmp-server enable traps firewall serverstatus
snmp-server enable traps pki
snmp-server enable traps stpx inconsistency root-inconsistency loop-inconsistency
```

```
snmp-server enable traps port-security
snmp-server enable traps vtp
snmp-server enable traps vlancreate
snmp-server enable traps vlandelete
snmp-server enable traps ike policy add
snmp-server enable traps ike policy delete
snmp-server enable traps ike tunnel start
snmp-server enable traps ike tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps gdoi gm-start-registration
snmp-server enable traps gdoi gm-registration-complete
snmp-server enable traps gdoi gm-re-register
snmp-server enable traps gdoi gm-rekey-rcvd
snmp-server enable traps gdoi gm-rekey-fail
snmp-server enable traps gdoi ks-rekey-pushed
snmp-server enable traps gdoi gm-incomplete-cfg
snmp-server enable traps gdoi ks-no-rsa-keys
snmp-server enable traps gdoi ks-new-registration
snmp-server enable traps gdoi ks-reg-complete
snmp-server enable traps gdoi ks-role-change
snmp-server enable traps gdoi ks-gm-deleted
snmp-server enable traps gdoi ks-peer-reachable
snmp-server enable traps gdoi ks-peer-unreachable
snmp-server enable traps mpls rfc ldp
snmp-server enable traps mpls ldp
snmp-server enable traps mpls rfc traffic-eng
snmp-server enable traps mpls traffic-eng
snmp-server enable traps mpls fast-reroute protected
snmp-server enable traps alarms informational
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps ethernet cfm alarm
snmp-server enable traps rf
snmp-server enable traps transceiver all
snmp-server enable traps vrfmib vrf-up vrf-down vnet-trunk-up vnet-trunk-down
snmp-server enable traps ccme
snmp-server enable traps srst
snmp-server enable traps voice
snmp-server enable traps mpls vpn
snmp-server enable traps mpls rfc vpn
snmp-server host 11.3.6.36 vrf Mgmt-intf version 2c SNMP udp-port 1234
snmp-server manager
!
!
!
!
!
ipv6 access-list bw600-v6-crypto-policy
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
```

```
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 160 deny ipv6 FE80::/16 FF02::/16
 sequence 170 deny ipv6 FF02::/16 FE80::/16
 sequence 180 deny ipv6 FE00::/8 FE00::/8
 sequence 190 deny ipv6 FF00::/8 FF00::/8
 sequence 200 permit ipv6 1900::/16 1150::/16
 sequence 210 permit ipv6 1150::/16 1900::/16
 sequence 220 permit ipv6 1700::/16 1800::/16
 sequence 230 permit ipv6 1800::/16 1700::/16
 sequence 240 permit ipv6 1600::/16 1160::/16
 sequence 250 permit ipv6 1160::/16 1600::/16
 sequence 260 permit ipv6 1900::/16 1170::/16
 sequence 270 permit ipv6 1170::/16 1900::/16
 sequence 280 permit ipv6 1600::/16 1180::/16
 sequence 290 permit ipv6 1180::/16 1600::/16
 sequence 300 permit ipv6 1200::/16 1210::/16
 sequence 310 permit ipv6 1210::/16 1200::/16
 sequence 320 permit ipv6 1150::/16 1170::/16
 sequence 330 permit ipv6 1170::/16 1150::/16
 sequence 340 permit ipv6 2100::/16 3100::/16
 sequence 350 permit ipv6 3100::/16 2100::/16
 sequence 360 permit ipv6 1230::/16 1210::/16
 sequence 370 permit ipv6 1210::/16 1230::/16
 sequence 380 permit ipv6 1220::/16 1240::/16
 sequence 390 permit ipv6 1240::/16 1220::/16
 sequence 400 permit ipv6 1190::/16 1210::/16
 sequence 410 permit ipv6 1210::/16 1190::/16
 sequence 420 permit ipv6 1230::/16 1200::/16
 sequence 430 permit ipv6 1200::/16 1230::/16
 sequence 440 permit ipv6 1220::/16 1700::/16
 sequence 450 permit ipv6 1700::/16 1220::/16
 sequence 460 permit ipv6 1250::/16 1210::/16
 sequence 470 permit ipv6 1210::/16 1250::/16
 sequence 480 permit ipv6 1260::/16 1150::/16
 sequence 490 permit ipv6 1150::/16 1260::/16
 sequence 500 permit ipv6 1280::/16 1290::/16
 sequence 510 permit ipv6 1290::/16 1280::/16
 sequence 520 permit ipv6 1150::/16 1300::/16
 sequence 530 permit ipv6 1300::/16 1150::/16
 sequence 540 permit ipv6 1150::/16 1310::/16
 sequence 550 permit ipv6 1310::/16 1150::/16
 sequence 560 permit ipv6 1010::/16 1020::/16
 sequence 570 permit ipv6 1020::/16 1010::/16
 sequence 580 permit ipv6 1250::/16 1150::/16
 sequence 590 permit ipv6 1150::/16 1250::/16
 sequence 600 permit ipv6 1910::/16 1160::/16
 sequence 610 permit ipv6 1160::/16 1910::/16
 sequence 620 permit ipv6 1920::/16 1160::/16
 sequence 630 permit ipv6 1160::/16 1920::/16
 sequence 640 permit ipv6 1930::/16 1170::/16
 sequence 650 permit ipv6 1170::/16 1930::/16
 sequence 660 permit ipv6 1930::/16 1150::/16
 sequence 670 permit ipv6 1150::/16 1930::/16
 sequence 680 permit ipv6 1940::/16 1170::/16
 sequence 690 permit ipv6 1170::/16 1940::/16
 sequence 700 permit ipv6 1940::/16 1150::/16
 sequence 710 permit ipv6 1150::/16 1940::/16
!
ipv6 access-list bw600-v6-crypto-policy_eft
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
```

```
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 160 deny ipv6 FE80::/16 FF02::/16
 sequence 170 deny ipv6 FF02::/16 FE80::/16
 sequence 180 deny ipv6 FE00::/8 FE00::/8
 sequence 190 deny ipv6 FF00::/8 FF00::/8
 sequence 200 permit ipv6 2100::/16 3100::/16
 sequence 210 permit ipv6 3100::/16 2100::/16
 sequence 220 permit ipv6 1190::/16 1150::/16
 sequence 230 permit ipv6 1150::/16 1190::/16
!
ipv6 access-list bw600-v6-crypto-policy_sim
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 160 deny ipv6 FE80::/16 FF02::/16
 sequence 170 deny ipv6 FF02::/16 FE80::/16
 sequence 180 deny ipv6 FE00::/8 FE00::/8
 sequence 190 deny ipv6 FF00::/8 FF00::/8
 sequence 200 permit ipv6 1900::/16 1150::/16
 sequence 210 permit ipv6 1150::/16 1900::/16
 sequence 220 permit ipv6 1700::/16 1800::/16
 sequence 230 permit ipv6 1800::/16 1700::/16
 sequence 240 permit ipv6 1600::/16 1160::/16
 sequence 250 permit ipv6 1160::/16 1600::/16
 sequence 260 permit ipv6 1900::/16 1170::/16
!
ipv6 access-list bw600-v6-crypto-policy_test
 sequence 10 deny udp any any eq 20001
 sequence 20 deny udp any any eq 20002
 sequence 30 deny udp any any eq 20003
 sequence 40 deny udp any any eq 20004
 sequence 50 deny udp any any eq 16384
 sequence 60 deny udp any eq 16384 any
 sequence 80 deny tcp any any eq bgp
 sequence 90 deny tcp any eq bgp any
 sequence 100 deny tcp any any eq 22
 sequence 110 deny tcp any eq 22 any
 sequence 120 deny udp any any eq syslog
 sequence 130 deny udp any eq isakmp any eq isakmp
 sequence 140 deny udp any eq 848 any
 sequence 150 deny udp any any eq 848
 sequence 160 deny ipv6 FE80::/16 FF02::/16
 sequence 170 deny ipv6 FF02::/16 FE80::/16
```

```
 sequence 180 deny ipv6 FE00::/8 FE00::/8
 sequence 190 deny ipv6 FF00::/8 FF00::/8
 sequence 200 permit ipv6 any any
!
control-plane
!
!
mgcp behavior rsip-range tgcp-only
mgcp behavior comedia-role none
mgcp behavior comedia-check-media-src disable
mgcp behavior comedia-sdp-force disable
!
mgcp profile default
!
!
!
!
!
!
line con 0
 exec-timeout 0 0
 stopbits 1
line aux 0
line vty 0 4
 exec-timeout 0 0
 logging synchronous
 length 0
 transport input all
 transport output all
line vty 5 14
 transport input ssh
!
monitor event-trace adjacency
monitor event-trace gdoi registration
monitor event-trace gdoi rekey
monitor event-trace gdoi coop
monitor event-trace gdoi infra
monitor event-trace gdoi exit
ntp trusted-key 1
ntp source GigabitEthernet0/0/3
ntp master 1
ntp server vrf Mgmt-intf 11.3.6.10
call-home
 ! If contact email address in call-home is configured as sch-smart-licensing@cisco.com
 ! the email address configured in Cisco Smart License Portal will be used as contact email
 address to send SCH notifications.
 contact-email-addr sch-smart-licensing@cisco.com
 profile "CiscoTAC-1"
  active
  destination transport-method http
!
!
netconf ssh
!
!
!
!
!
telemetry ietf subscription 294967224
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967225
```

```
 filter xpath /crypto-ios-xe-events:nhrp-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967226
 filter xpath /crypto-ios-xe-events:nhrp-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967227
 filter xpath /crypto-ios-xe-events:ike-ipsec-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967228
 filter xpath /crypto-ios-xe-events:ike-ipsec-alarm
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967229
 filter xpath /qfp-resource-ios-xe-events:qfp-exmem-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967232
 filter xpath /utd-ios-xe-events:utd-con
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967233
 filter xpath /red-app-events:red-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967234
 filter xpath /sse-ios-xe-events:sse-tunnel-params-absent
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967240
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967243
 filter xpath /crypto-pki-ios-xe-events:pki-certificate-expiry
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967244
 filter xpath /line-ios-xe-events:line-state-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967245
 filter xpath /ospf-ios-xe-events:ospfv3-nbr-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967246
 filter xpath /ospf-ios-xe-events:ospfv3-if-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
```

```
telemetry ietf subscription 294967258
 filter xpath /ios-events-ios-xe-oper:usb-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967259
 filter xpath /ios-events-ios-xe-oper:tempsensor-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967260
 filter xpath /ios-events-ios-xe-oper:tempsensor-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967261
 filter xpath /ios-events-ios-xe-oper:system-reboot-issued
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967262
 filter xpath /ios-events-ios-xe-oper:system-reboot-complete
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967263
 filter xpath /ios-events-ios-xe-oper:system-logout-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967264
 filter xpath /ios-events-ios-xe-oper:system-login-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967265
 filter xpath /ios-events-ios-xe-oper:system-aaa-login-fail
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967267
 filter xpath /ios-events-ios-xe-oper:sfp-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967271
 filter xpath /ios-events-ios-xe-oper:pem-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967272
 filter xpath /ios-events-ios-xe-oper:pem-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967273
 filter xpath /ios-events-ios-xe-oper:ospf-neighbor-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967274
 filter xpath /ios-events-ios-xe-oper:ospf-interface-state-change
 stream rfc5277
 update-policy on-change
```

```
 receiver name confd-rfc5277
telemetry ietf subscription 294967275
 filter xpath /ios-events-ios-xe-oper:memory-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967276
 filter xpath /ios-events-ios-xe-oper:interface-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967277
 filter xpath /ios-events-ios-xe-oper:interface-admin-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967280
 filter xpath /ios-events-ios-xe-oper:fantray-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967281
 filter xpath /ios-events-ios-xe-oper:fan-fault
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967283
 filter xpath /ios-events-ios-xe-oper:disk-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967289
 filter xpath /ios-events-ios-xe-oper:cpu-usage
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967293
 filter xpath /ios-events-ios-xe-oper:bgp-peer-state-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 294967295
 filter xpath /ios-events-ios-xe-oper:aaa-admin-pwd-change
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967244
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967245
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-status-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967246
 filter xpath /ios-events-ios-xe-oper:utd-file-analysis-file-upload-state
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967247
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-retrospective-alert
 stream rfc5277
```

```
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967248
 filter xpath /ios-events-ios-xe-oper:utd-file-reputation-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967253
 filter xpath /im-events-ios-xe-oper:im-event
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967255
 filter xpath /ios-events-ios-xe-oper:utd-version-mismatch
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967256
 filter xpath /ios-events-ios-xe-oper:utd-update
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry ietf subscription 2094967257
 filter xpath /ios-events-ios-xe-oper:utd-ips-alert
 stream rfc5277
 update-policy on-change
 receiver name confd-rfc5277
telemetry receiver protocol confd-rfc5277
 host ip-address 0.0.0.0 0
 protocol rfc5277
netconf-yang
netconf-yang feature candidate-datastore
yang-interfaces feature deprecated disable
sd-routing
 no ipv6-strict-control
 organization-name vmng-scale-ind-getvpn
 site-id 201610
 sp-organization-name vmng-scale-ind
 system-ip 223.1.1.10
 vbond name vbond1
 vbond port 12346
 wan-interface GigabitEthernet0/0/1
end
```