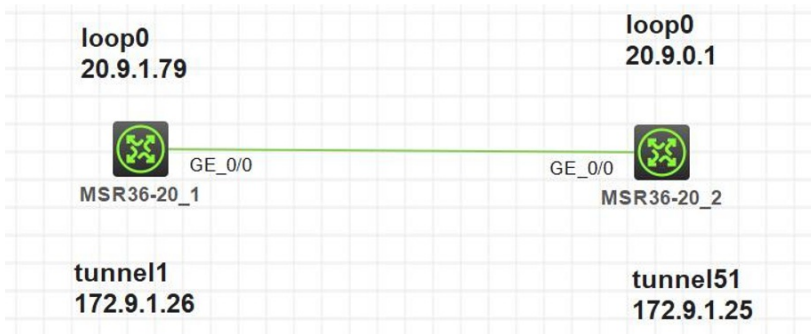


知 IPsec tunnel based on the tunnel interface(interface tunnel 1 mode ipsec)

Switches Routers 龚训杰 2021-04-29 Published

Network Topology



as

## Configuration Steps

Device 1:

```
#
ospf 1
 area 0.0.0.0
  network 1.1.1.0 0.0.0.255
  network 20.9.1.79 0.0.0.0
  network 172.9.1.26 0.0.0.0
#
interface LoopBack0
 description loopback import to eBGP
 ip address 20.9.1.79 255.255.255.255
#
interface GigabitEthernet0/1
 port link-mode route
 ip address 1.1.1.1 255.255.255.0
#
#
interface Tunnel1 mode ipsec
 description IPSec tunnel to MCYS HQ01
 ip address 172.9.1.26 255.255.255.252
 source LoopBack0
 destination 20.9.0.1
 tunnel protection ipsec profile kol_tbr_hq01
#
ipsec transform-set 3des
 esp encryption-algorithm 3des-cbc
 esp authentication-algorithm sha1
#
ipsec profile kol_tbr_hq01 isakmp
 transform-set 3des
 ike-profile kol_tbr_hq01
#
ipsec policy policy1 1 isakmp
 ike-profile kol_tbr_hq01
#
ike identity user-fqdn HQ
#
ike profile kol_tbr_hq01
 keychain key
 exchange-mode aggressive
 local-identity user-fqdn HQ
 match remote identity fqdn BR
 match remote identity address 20.9.0.1 255.255.255.255
proposal 1
#
ike proposal 1
 authentication-method rsa-signature
 encryption-method 3des
#
ike keychain key
 pre-shared-key address 20.9.0.1 255.255.255.255 key SIMPLE 12345678
#
```

Device 2:

```
#
ospf 1
 area 0.0.0.0
```

```
network 1.1.1.0 0.0.0.255
network 20.9.0.1 0.0.0.0
network 172.9.1.25 0.0.0.0
```

```
#
```

```
interface LoopBack0
```

```
description loopback import to eBGP
transform-set +ike-proposal should be all consistent.
ip address 20.9.0.1 255.255.255.255
```

```
#
```

```
interface GigabitEthernet0/1
```

```
ip address 172.9.1.25 255.255.255.0
```