

## SPOTO CCIE RS Lab TS1, H2+DIAG, H1+CFG Feedback

### TS1

#### q1

```
SW1/2  
VALN 12
```

#### q2

```
R17  
int s4/0  
no ppp authentication chap callout
```

#### q3

```
R21  
int e2/0  
no ip os co 1
```

#### q4

```
R11/12/13/14  
router ei 145  
metric weight 0 1 1 1 1 1  
R12  
int e1/0  
no delay 1000
```

#### q5

```
router bgp 14567  
max 2  
R21  
router bgp 12345  
net 123.21.21.21 ma 255.255.255.255
```

#### q6

```
R22  
route-map NEXT-HOP  
set ipv6 next-hop 2001:CC1E:BEEF:2225::17  
R25  
router bgp 65101  
ad ipv6  
no netwrok S4/0
```

**q7**

```
R15
int t0
ip nh red
no ip split-horizon eigrp 200
R18/19
int t0
no ip nh map 145.67.89.10 215.0.0.1
ip nh map 215.0.0.1 145.67.89.10
R109
no ip do time 1
```

**q8**

```
R3/R4
ip vrf BancoBank_Tospoke
route-t ex 65100:101
route-t ex 65100:102
router bgp 12345
R3
ad ipv4
net 125.45.67.20 ma 255.255.255.252
R8
int e0/0.123
ip nat ins
R4/6
int e2/0
ip os co 100
```

**q9**

```
R24/R7 (Let R7 and R24 same)
cry iska po 1
au pre
en aes
g 14
```

**q10**

NAS (MAC address change with R23's dhcp pool same, need shutdown first, otherwise the IP address will get to 192.0.1.3)

```
int e0/0
sh
mac-a aabb.cc11.1111
```

**DIAG2 (H2+ DIAG)**

1、config CE2 with highest HSRPV6 priority  
2、High preference gateway information is sent out  
unknow device in CE'S LAN  
PS: no option in DIAG 2 'unknown device in CE'S LAN', so choose DIAG2+  
'High preference gateway information is sent out'  
3、193  
capture packets address, 3 in materials, the fourth, it's a URL  
'http://1.1.1.1'  
FILTER icmpv6.type==134, the first with FE80: 666

multicast

1、R3 has no route to RP  
2、Why is 10.4.1.0/24 not in R3's RIB  
3、R3(config)#ip route 10.4.1.1 255.255.255.255 10.0.0.17  
PS: 10.0.0.17 is R3 going to R4 traffic inside interface's IP address

## H2 CFG

almost are same with SP0T0

1. The OSPF configurations have been already configured except R17 and R18 in AS65002, need check, and ask R1/SW1/SW2 must be DR, the ospf priority on R2 set to 254
2. You are not allow use network command under OSPF in AS65001
3. VLAN settings were configured, SW3/4 e1/0-1 e2/0-1 need set to trunk, SW5/6 e0/0 need set to vlan 173/184
4. EIGRP R50/51/52 network 172.30.0.0 0.0.255.255 in intial configuration, but didn't configured EIGRP on R53 and R54, need configured by yourself
5. The mask of int E1/0 on R52 is /24, need change to /30, let it be same with R58
6. You are not allow to modify BGP configuration on R55/56/58, configure bgp router-id on R58 and then remove it
7. R1 need build IBGP under address-family vpnv4 with R50~52
8. There has been configured mpls ip under interface on R1~8, you just need add 'mpls lab pro ldp', and 'mpls ldp rou lo0', R9/10/50-54 need configured by yourself

9. SW3/SW4/R15/16 add ipv6 unicast, and Lo0 no IPv6 address

10、some interfaces are in administratively down, you need no sh,

outputs are very less, SW1/SW2/SW10/SW11/R101 go to 8.8.8.8

R101 go to SW10 main path and backup path (go through R51)

SW3 ping 239.1.1.1 so vl 173

R11 bgp 10.1.0.0/16 output

SPOTO CTF CLUB