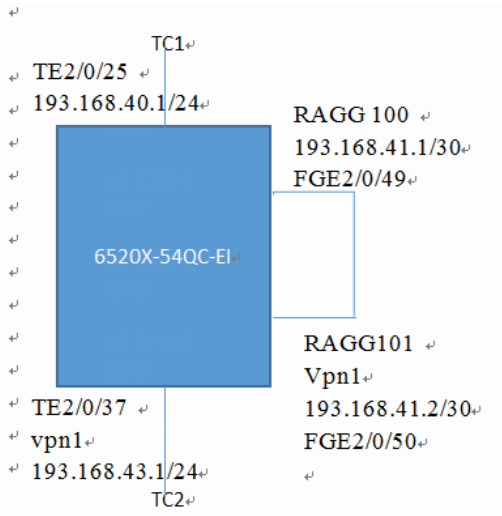


6520X-EI bypass逃生方案配置

以太网接口 宣江明 2022-04-21 发表

组网及说明

TE2/0/25和TE2/0/37 为路由口分别连接两个测试仪口，TE2/0/25和RAGG100属于公网，RAGG101和TE2/0/37属于vpn1；其中FGE2/0/49和FGE2/0/50对接。



配置步骤

1.2.1 全局配置静态路由和arp并关闭源mac地址检查

```
[H3C]dis cu | in static
undo mac-address static source-check enable
ip route-static 193.168.43.0 24 193.168.41.2
ip route-static vpn-instance vpn1 193.168.40.0 24 193.168.41.1 preference 90
arp static 193.168.41.2 38ad-be30-b7b9
arp static 193.168.41.1 38ad-be30-b7b9 vpn-instance vpn1
```

```
[H3C]dis arp
Type: S-Static    D-Dynamic    O-Openflow    R-Rule    M-Multiport    I-Invalid
IP address      MAC address      VLAN/VSI name Interface      Aging Type
193.168.41.2    38ad-be30-b7b9  --           RAGG100      --           S
193.168.41.1    38ad-be30-b7b9  --           RAGG101      --           S
193.168.43.2    0010-9400-4302  --           XGE2/0/37    1192        D
193.168.40.2    0010-9400-4002  --           XGE2/0/25    1198        D
```

1.2.2 接口配置

```
[H3C-Ten-GigabitEthernet2/0/25]dis this
#
interface Ten-GigabitEthernet2/0/25
 port link-mode route
 flow-interval 5
 ip address 193.168.40.1 255.255.255.0
#
return
[H3C-Ten-GigabitEthernet2/0/25]int ro 100
[H3C-Route-Aggregation100]dis this
#
interface Route-Aggregation100
 ip address 193.168.41.1 255.255.255.252
 link-aggregation mode dynamic
#
return
[H3C-Route-Aggregation100]int te2/0/37
[H3C-Ten-GigabitEthernet2/0/37]dis this
#
interface Ten-GigabitEthernet2/0/37
 port link-mode route
 flow-interval 5
 ip binding vpn-instance vpn1
 ip address 193.168.43.1 255.255.255.0
#
return
[H3C-Ten-GigabitEthernet2/0/37]int ro101
[H3C-Route-Aggregation101]dis this
#
interface Route-Aggregation101
 ip binding vpn-instance vpn1
 ip address 193.168.41.2 255.255.255.252
 link-aggregation mode dynamic
#
```

1.3.1 ping流量验证

```
[H3C]ping -vpn-instance vpn1 -a 193.168.41.2 193.168.41.1
Ping 193.168.41.1 (193.168.41.1) from 193.168.41.2: 56 data bytes, press CTRL+C to break
56 bytes from 193.168.41.1: icmp_seq=0 ttl=255 time=2.149 ms
56 bytes from 193.168.41.1: icmp_seq=1 ttl=255 time=1.538 ms
56 bytes from 193.168.41.1: icmp_seq=2 ttl=255 time=1.288 ms
56 bytes from 193.168.41.1: icmp_seq=3 ttl=255 time=1.276 ms
56 bytes from 193.168.41.1: icmp_seq=4 ttl=255 time=1.651 ms

--- Ping statistics for 193.168.41.1 in VPN instance vpn1 ---
5 packet(s) transmitted, 5 packet(s) received, 0.0% packet loss
round-trip min/avg/max/std-dev = 1.276/1.580/2.149/0.319 ms
```

```
[H3C]ping -a 193.168.41.1 193.168.41.2
Ping 193.168.41.2 (193.168.41.2) from 193.168.41.1: 56 data bytes, press CTRL+C to break
56 bytes from 193.168.41.2: icmp_seq=0 ttl=255 time=1.758 ms
56 bytes from 193.168.41.2: icmp_seq=1 ttl=255 time=1.355 ms
56 bytes from 193.168.41.2: icmp_seq=2 ttl=255 time=1.282 ms
56 bytes from 193.168.41.2: icmp_seq=3 ttl=255 time=1.554 ms
56 bytes from 193.168.41.2: icmp_seq=4 ttl=255 time=1.273 ms
-- Ping statistics for 193.168.41.2:
5 packet(s) transmitted, 5 packet(s) received, 0.0% packet loss
round-trip min/avg/max/std-dev = 1.273/1.444/1.758/0.187 ms
```

1.3.2 数据流量验证

TC1和TC2分别构造三层数据流量并互打，流量可以正常转发。

另外配置路由聚合子接口模式也可以支持（路由子接口对应相应vlan）

