

知 super vlan是否可以和vrrp共存问题

VLAN

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问题描述

super vlan是否可以和vrrp共存问题

解决方法

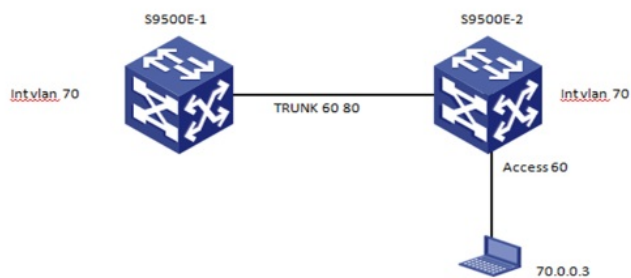
可以共存

配置案例：

如下实验可以实现需求：

需要注意的是,两台s9500e互联vlan 不能trunk 70,super vlan不能添加接口！

测试组网图：



S9500E-1

```
vlan 70
supervlan
subvlan 60 80
```

```
interface Vlan-interface70
ip address 70.0.0.1 255.255.255.0
vrrp vrid 1 virtual-ip 70.0.0.254
vrrp vrid 1 priority 110
```

[s9500E-1]dis vrrp

IPv4 Standby Information:

Run Mode : Standard

Run Method : Virtual MAC

Total number of virtual routers : 1

Interface	VRID	State	Run	Adver	Auth	Virtual
		Pri	Timer	Type	IP	
Vlan70	1	Master	110	1	None	70.0.0.254

#s9500E-2

```
vlan 70
supervlan
subvlan 60 80
```

```
interface Vlan-interface70
ip address 70.0.0.2 255.255.255.0
vrrp vrid 1 virtual-ip 70.0.0.254
```

[s9500E-2]dis vrrp

IPv4 Standby Information:

Run Mode : Standard

Run Method : Virtual MAC

Total number of virtual routers : 2

Interface	VRID	State	Run	Adver	Auth	Virtual
		Pri	Timer	Type	IP	

Vlan70	1	Backup	100	1	None	70.0.0.254

[S9500E-1]ping 70.0.0.3

PING 70.0.0.3: 56 data bytes, press CTRL_C to break

Reply from 70.0.0.3: bytes=56 Sequence=0 ttl=128 time=1 ms

Reply from 70.0.0.3: bytes=56 Sequence=1 ttl=128 time=1 ms

Reply from 70.0.0.3: bytes=56 Sequence=2 ttl=128 time=1 ms

Reply from 70.0.0.3: bytes=56 Sequence=3 ttl=128 time=1 ms

Reply from 70.0.0.3: bytes=56 Sequence=4 ttl=128 time=1 ms

--- 70.0.0.3 ping statistics ---

5 packet(s) transmitted

5 packet(s) received

0.00% packet loss

round-trip min/avg/max = 1/1/1 ms

[S9500E-2]ping 70.0.0.3

PING 70.0.0.3: 56 data bytes, press CTRL_C to break

Reply from 70.0.0.3: bytes=56 Sequence=1 ttl=128 time=3 ms

Reply from 70.0.0.3: bytes=56 Sequence=2 ttl=128 time=2 ms

Reply from 70.0.0.3: bytes=56 Sequence=3 ttl=128 time=1 ms

Reply from 70.0.0.3: bytes=56 Sequence=4 ttl=128 time=2 ms

Reply from 70.0.0.3: bytes=56 Sequence=5 ttl=128 time=2 ms

--- 70.0.0.3 ping statistics ---

5 packet(s) transmitted

5 packet(s) received

0.00% packet loss

round-trip min/avg/max = 1/2/3 ms

如果要实现subvlan的互通,需要在int vlan 70下面开启本地代理ARP:

```
interface Vlan-interface70
ip address 70.0.0.2 255.255.255.0
vrrp vrid 1 virtual-ip 70.0.0.254
local-proxy-arp enable
```