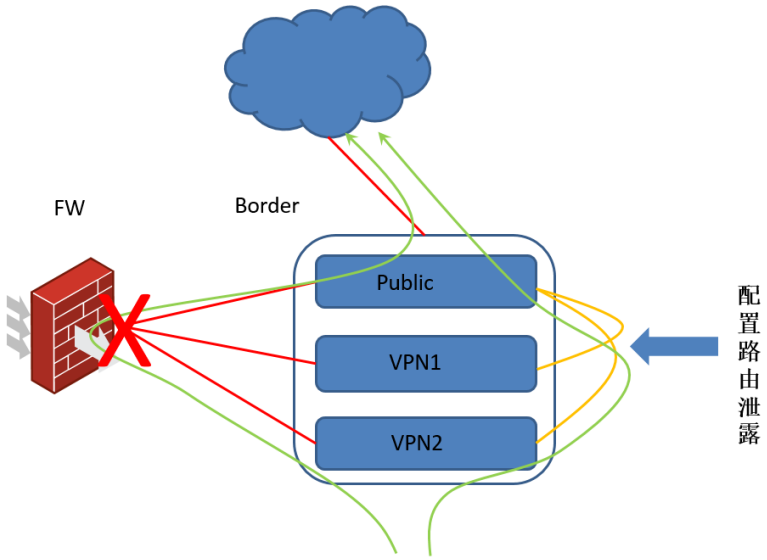
交换机By Pass配置

IP转发 林洪宇 2019-03-15 发表

组网及说明

组网图如下：



配置步骤

6800/S12508-S/S105交换机实现方式：

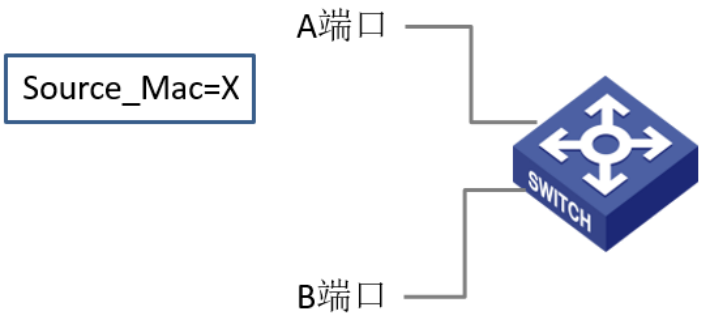
```
interface Vlan-interface100    --------一般此接口配置为Down状态，需手动开启
 ip binding vpn-instance Public
 ip address 192.168.1.2 255.255.255.252
interface Ten-GigabitEthernet1/2/2
port link-type trunk
port trunk permit vlan 100
undo mac-address static source-check enable
interface Ten-GigabitEthernet1/2/1.100
ip binding vpn-instance VPN1
ip address 192.168.1.1 255.255.255.252
undo mac-address static source-check enable
 ip route-static vpn-instance Public 10.0.135.0 24 VPN1 192.168.1.1 preference 90
 ip route-static vpn-instance VPN1  0.0.0.0 0 Public 192.168.1.2 preference 90
```

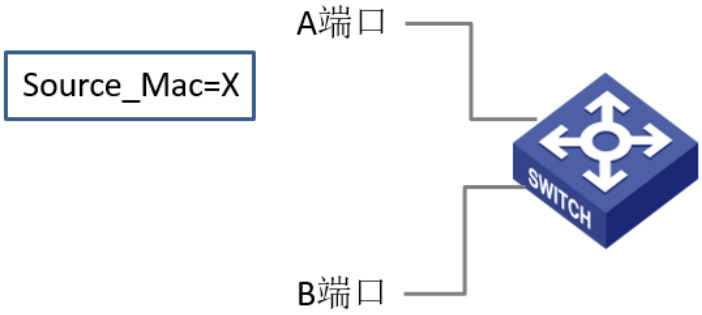
S125X-AF 交换机实现方式：

```
interface Vlan-interface100                ----------一般此接口配置为Down状态，需手动开启
 ip binding vpn-instance Public
 ip address 192.168.1.2 255.255.255.252
 mac-address 74ea-c828-f300
interface Ten-GigabitEthernet1/2/2
port link-type trunk
port trunk permit vlan 100

interface Ten-GigabitEthernet1/2/1.100
ip binding vpn-instance VPN1
ip address 192.168.1.1 255.255.255.252
mac-address 74ea-c828-f310
 ip route-static vpn-instance Public 10.0.135.0 24 VPN1 192.168.1.1 preference 90
 ip route-static vpn-instance VPN1  0.0.0.0 0 Public 192.168.1.2 preference 90
```

配置关键点





A, B 为交换机的两个端口

A B 直连，A 的报文发到B后， B 学习A的报文的源MAC到B口上时，发现这个MAC 是本设备的MAC ， 会触发静态MAC迁移丢包

去使能Mac-address static source-check后，则不检查报文入接口与静态MAC地址表项匹配，B口不会丢弃从A接口过来的报文。

更改三层接口的Mac地址实现方式也是一致的，也是为了解决这个问题。