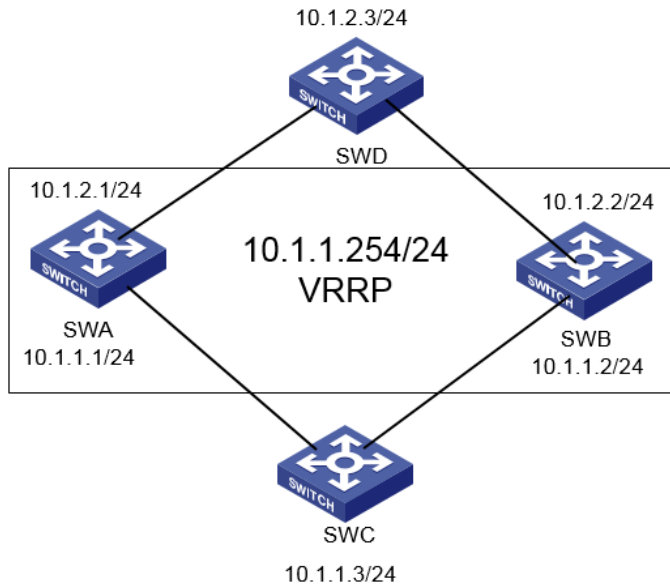


组网及说明

VRRP的标注组网，SWA和SWB组成VRRP，SWC和SWD要通信。



问题描述

当SWC与SWD通信时，tracert下一跳是虚拟网关地址（10.1.1.254）呢？还是实地址？

过程分析

实验验证：

(1) 确定下地址可达

[SWC]ping 10.1.2.3

Ping 10.1.2.3 (10.1.2.3): 56 data bytes, press CTRL\_C to break

56 bytes from 10.1.2.3: icmp\_seq=0 ttl=254 time=6.905 ms

56 bytes from 10.1.2.3: icmp\_seq=1 ttl=254 time=1.232 ms

56 bytes from 10.1.2.3: icmp\_seq=2 ttl=254 time=1.227 ms

56 bytes from 10.1.2.3: icmp\_seq=3 ttl=254 time=1.173 ms

56 bytes from 10.1.2.3: icmp\_seq=4 ttl=254 time=1.274 ms

--- Ping statistics for 10.1.2.3 ---

5 packet(s) transmitted, 5 packet(s) received, 0.0% packet loss

(2) tracert时发现下一跳到网关时是走主设备的实地址，而非虚地址

[SWC]tracert -a 10.1.1.3 10.1.2.3

tracert to 10.1.2.5 (10.1.2.5) from 10.1.1.3, 30 hops at most, 40 bytes each packet, press CTRL\_C to break

1 10.1.1.1 (10.1.1.1) 2.571 ms 1.507 ms 1.157 ms

2 10.1.2.5 (10.1.2.3) 1.225 ms 1.071 ms 1.014 ms

解决方法

在VRRP组网中，tracert下一跳到网关时是走主设备的实地址，而非虚地址。