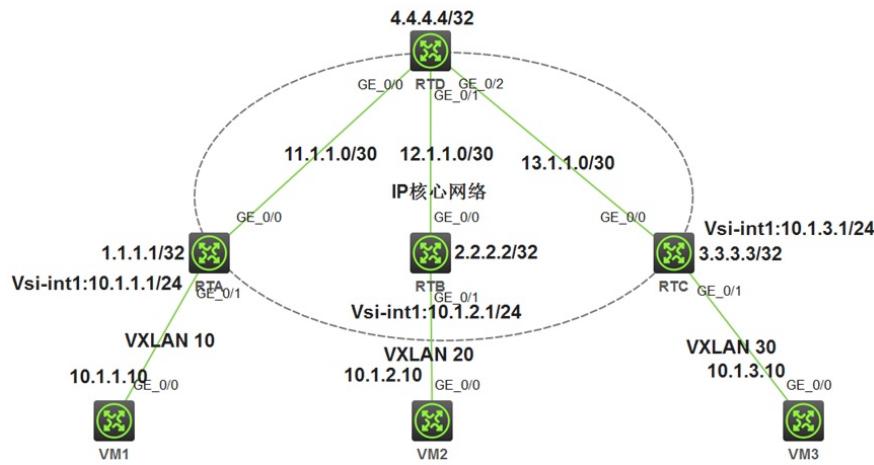


知 EVPN 引入不同VPN的5类路由

VPN实例 刘嘉福 2023-02-08 发表

组网及说明



虚拟机VM 1属于VXLAN 10、位于VPN实例vpna; VM 2属于VXLAN 20、位于VPN实例vpnb。客户有需求需要两个VPN的部分流量可以互访。

配置步骤

可以通过发送扩展RT属性来实现，参考配置如下。

RTA配置：

```
#  
ip vpn-instance vpn1  
route-distinguisher 1:1  
#  
address-family ipv4  
vpn-target 1:1 3:3 import-extcommunity  
vpn-target 1:1 export-extcommunity  
#  
address-family evpn  
vpn-target 1:1 3:3 import-extcommunity  
vpn-target 1:1 export-extcommunity  
#  
bgp 200  
peer 4.4.4.4 as-number 200  
peer 4.4.4.4 connect-interface LoopBack0  
#  
address-family ipv4 unicast  
#  
address-family l2vpn evpn  
peer 4.4.4.4 enable  
peer 4.4.4.4 route-policy test export  
#  
route-policy test permit node 10  
if-match ip address prefix-list test  
apply extcommunity rt 2:2  
#  
route-policy test permit node 20  
#  
ip prefix-list test index 10 permit 10.1.1.0 24  
#
```

RTB配置：

```
#  
ip vpn-instance vpn1  
route-distinguisher 2:2  
#  
address-family ipv4  
vpn-target 2:2 3:3 import-extcommunity  
vpn-target 2:2 export-extcommunity  
#  
address-family evpn  
vpn-target 2:2 3:3 import-extcommunity  
vpn-target 2:2 export-extcommunity  
#  
bgp 200  
peer 4.4.4.4 as-number 200  
peer 4.4.4.4 connect-interface LoopBack0  
#  
address-family l2vpn evpn  
peer 4.4.4.4 enable  
peer 4.4.4.4 route-policy test export  
#  
route-policy test permit node 10  
if-match ip address prefix-list test  
apply extcommunity rt 1:1 additive  
#  
route-policy test permit node 100
```

```
#  
ip prefix-list test index 10 permit 10.1.2.0 24  
#  
配置后，可以学习到不同VPN的路由：  
RTA1rie in routing-table vpn-instance vpn1 protocol bpg
```