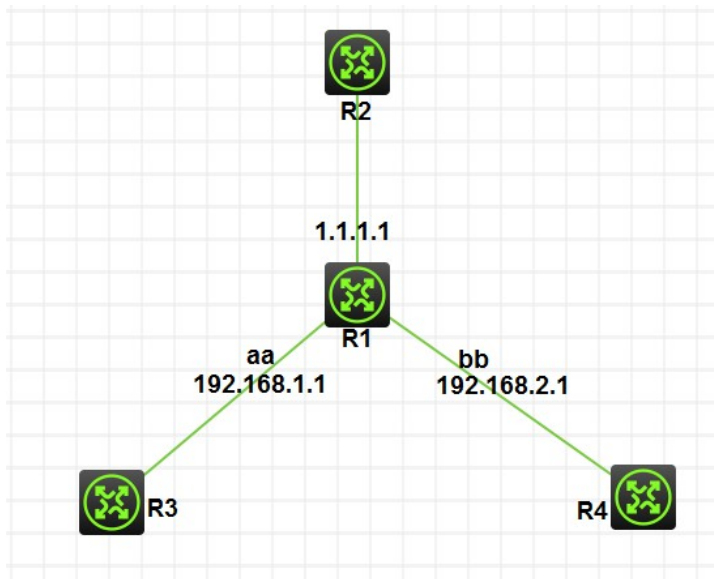


不同VPN实例的路由互相引入，以及将VPN实例的路由添加到默认的路由表中。

此案例要求默认路由表中添加进到aa的路由表中，aa和bb之间互通。

如图所示，R1各接口所在VPN实例及ip地址如图，R2、R3、R4各接口都是1的ip地址，配置默认路



由。

R1关键配置：

```
#
sysname R1
#
ip vpn-instance aa
route-distinguisher 1:1
vpn-target 1:1 import-extcommunity
vpn-target 1:1 export-extcommunity
#
ip vpn-instance bb
route-distinguisher 2:2
vpn-target 2:2 import-extcommunity
vpn-target 2:2 export-extcommunity
#
interface GigabitEthernet0/0
ip address 1.1.1.1 255.255.255.0
#
interface GigabitEthernet0/1
ip binding vpn-instance aa
ip address 192.168.1.1 255.255.255.0
#
interface GigabitEthernet0/2
ip binding vpn-instance bb
ip address 192.168.2.1 255.255.255.0
#

ip route-static 192.168.1.0 24 vpn-instance aa 192.168.1.2
ip route-static vpn-instance aa 1.1.1.0 24 1.1.1.1 public //关键配置
ip route-static vpn-instance aa 192.168.2.0 24 vpn-instance bb 192.168.2.2
ip route-static vpn-instance bb 192.168.1.0 24 vpn-instance aa 192.168.1.2
```

查看默认路由表及VPN路由表：

[R1]display ip routing-table

Destinations : 13 Routes : 13

Destination/Mask	Proto	Pre	Cost	NextHop	Interface
0.0.0.0/32	Direct	0	0	127.0.0.1	InLoop0
1.1.1.0/24	Direct	0	0	1.1.1.1	GE0/0
1.1.1.0/32	Direct	0	0	1.1.1.1	GE0/0
1.1.1.1/32	Direct	0	0	127.0.0.1	InLoop0
1.1.1.255/32	Direct	0	0	1.1.1.1	GE0/0
127.0.0.0/8	Direct	0	0	127.0.0.1	InLoop0
127.0.0.0/32	Direct	0	0	127.0.0.1	InLoop0
127.0.0.1/32	Direct	0	0	127.0.0.1	InLoop0
127.255.255.255/32	Direct	0	0	127.0.0.1	InLoop0
192.168.1.0/24	Static	60	0	192.168.1.2	GE0/1
224.0.0.0/4	Direct	0	0	0.0.0.0	NULL0
224.0.0.0/24	Direct	0	0	0.0.0.0	NULL0
255.255.255.255/32	Direct	0	0	127.0.0.1	InLoop0

[R1]display ip routing-table vpn-instance aa

Destinations : 13 Routes : 13

Destination/Mask	Proto	Pre	Cost	NextHop	Interface
0.0.0.0/32	Direct	0	0	127.0.0.1	InLoop0
127.0.0.0/8	Direct	0	0	127.0.0.1	InLoop0
127.0.0.0/32	Direct	0	0	127.0.0.1	InLoop0
127.0.0.1/32	Direct	0	0	127.0.0.1	InLoop0
127.255.255.255/32	Direct	0	0	127.0.0.1	InLoop0
192.168.1.0/24	Direct	0	0	192.168.1.1	GE0/1
192.168.1.0/32	Direct	0	0	192.168.1.1	GE0/1
192.168.1.1/32	Direct	0	0	127.0.0.1	InLoop0
192.168.1.255/32	Direct	0	0	192.168.1.1	GE0/1
192.168.2.0/24	Static	60	0	192.168.2.2	GE0/2
224.0.0.0/4	Direct	0	0	0.0.0.0	NULL0
224.0.0.0/24	Direct	0	0	0.0.0.0	NULL0
255.255.255.255/32	Direct	0	0	127.0.0.1	InLoop0

[R1]display ip routing-table vpn-instance bb

Destinations : 13 Routes : 13

Destination/Mask	Proto	Pre	Cost	NextHop	Interface
0.0.0.0/32	Direct	0	0	127.0.0.1	InLoop0
127.0.0.0/8	Direct	0	0	127.0.0.1	InLoop0
127.0.0.0/32	Direct	0	0	127.0.0.1	InLoop0
127.0.0.1/32	Direct	0	0	127.0.0.1	InLoop0
127.255.255.255/32	Direct	0	0	127.0.0.1	InLoop0
192.168.1.0/24	Static	60	0	192.168.1.2	GE0/1
192.168.2.0/24	Direct	0	0	192.168.2.1	GE0/2
192.168.2.0/32	Direct	0	0	192.168.2.1	GE0/2
192.168.2.1/32	Direct	0	0	127.0.0.1	InLoop0
192.168.2.255/32	Direct	0	0	192.168.2.1	GE0/2
224.0.0.0/4	Direct	0	0	0.0.0.0	NULL0
224.0.0.0/24	Direct	0	0	0.0.0.0	NULL0
255.255.255.255/32	Direct	0	0	127.0.0.1	InLoop0

ip route-static vpn-instance aa 1.1.1.0 24 1.1.1.1 **public** //关键配置

这一条的public是关键配置，命令解释如下

public：指定静态路由下一跳处于公网实例。