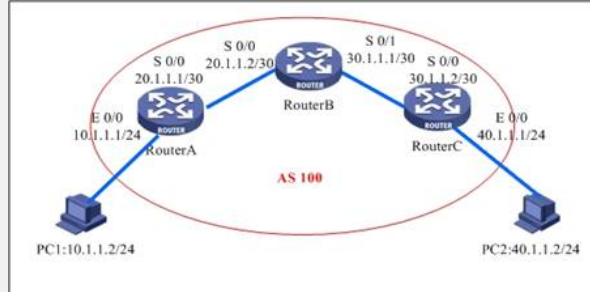


AR28/AR46系列路由器BGP路由反射器典型配置

【需求】

RouterA,RouterB,RouterC为AS 100,其中RouterB为路由反射器 (RR)。

【组网图】



【配置脚本】

RouterA配置脚本

```
#
sysname RouterA
#
router id 1.1.1.1 /配置router id和loopback0地址一致/
#
radius scheme system
#
domain system
#
interface Ethernet0/0
ip address 10.1.1.1 255.255.255.0
#
interface Serial0/0
link-protocol ppp
ip address 20.1.1.1 255.255.255.252
#
interface NULL0
#
interface LoopBack0
ip address 1.1.1.1 255.255.255.255
#
bgp 100 /配置BGP, AS为100/
undo synchronization /配置非同步/
group in internal /配置组'in'/
peer in connect-interface LoopBack0
peer 1.1.1.2 group in /指定IBGP邻居/
#
ospf 1
area 0.0.0.0
network 1.1.1.1 0.0.0.0
network 20.1.1.0 0.0.0.3
#
user-interface con 0
user-interface vty 0 4
#
return
```

RouterB置脚本

```

#
sysname RouterB
#
router id 1.1.1.2      /配置router id和loopback0地址一致/
#
radius scheme system
#
domain system
#
interface Seria0/0
link-protocol ppp
ip address 20.1.1.2 255.255.255.252
#
interface Serial0/1
link-protocol ppp
ip address 30.1.1.1 255.255.255.252
#
interface NULL0
#
interface LoopBack0
ip address 1.1.1.2 255.255.255.255
#
bgp 100                /配置BGP, AS为100/
undo synchronization  /配置非同步/
group in internal      /配置组'in'/
peer in reflect-client /将对等体组作为路由反射器的客户/
peer in connect-interface LoopBack0
peer 1.1.1.1 group in  /指定iBGP邻居/
peer 1.1.1.3 group in  /指定iBGP邻居/
#
ospf 1
area 0.0.0.0
network 1.1.1.2 0.0.0.0
network 20.1.1.0 0.0.0.3
network 30.1.1.0 0.0.0.3
#
user-interface con 0
user-interface vty 0 4
#
return

```

RouterC置脚本

```

#
sysname RouterC
#
router id 1.1.1.3      /配置router id和loopback0地址一致/
#
radius scheme system
#
domain system
#
interface Ethernet0/0
ip address 40.1.1.1 255.255.255.0
#
interface Serial0/0
link-protocol ppp
ip address 30.1.1.2 255.255.255.252
#
interface NULL0
#
interface LoopBack0
ip address 1.1.1.3 255.255.255.255
#
#
bgp 100                /配置BGP, AS为100/
undo synchronization  /配置非同步/
group in internal      /配置组'in'/
peer in connect-interface LoopBack0
peer 1.1.1.2 group in  /指定iBGP邻居/
#
ospf 1
area 0.0.0.0
network 1.1.1.3 0.0.0.0
network 30.1.1.0 0.0.0.3
#
user-interface con 0
user-interface vty 0 4
#
return

```

【验证】

RouterB分别和RouterA和RouterC建立iBGP邻接关系，但是RouterA和RouterB不建立iBGP邻接关系。

[RouterB]disp bgp peer

```
Peer      AS-num Ver Queued-Tx  Msg-Rx  Msg-Tx  Up/Down  State
-----
```

```
1.1.1.1 100 4 0 23 25 00:22:10 Established
1.1.1.3 100 4 0 7 8 00:05:36 Established
```

【提示】

1、对于路由反射器的配置，只在反射器上配置有所差别，在client端是没有任何差别的。