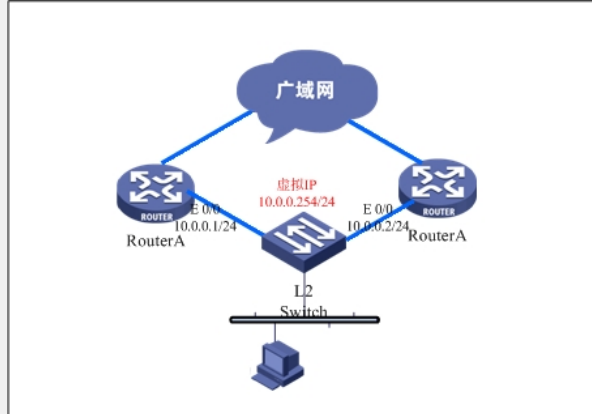


AR28/AR46系列路由器VRRP的典型配置

【需求】

pc机关指向两台路由器的虚ip。两台路由器用VRRP实现主机备份。

【组网图】



【配置脚本】

RouterA配置脚本

```
#
sysname RouterA
#
vrrp ping-enable          /使能VRRP ping/
#
radius scheme system
#
domain system
#
interface Ethernet1/0/0
ip address 10.0.0.1 255.255.255.0
vrrp vrid 1 virtual-ip 10.0.0.254 /配置虚ip/
vrrp vrid 1 priority 120 /设置优先级120, 高于100/
vrrp vrid 1 track Serial2/0/0 reduced 30 /设置监视接口/
#
interface Serial2/0/0
link-protocol ppp
ip address 20.0.0.2 255.255.255.252
#
interface NULL0
#
ip route-static 0.0.0.0 0.0.0.0 20.0.0.1 preference 60
#
user-interface con 0
user-interface vty 0 4
#
return
```

RouterB配置脚本

```

#
sysname RouterB
#
vrrp ping-enable          /使能VRRP ping/
#
radius scheme system
#
domain system
#
interface Ethernet1/0/0
ip address 10.0.0.2 255.255.255.0
vrrp vrid 1 virtual-ip 10.0.0.254 /配置虚ip,优先级默认为100/
#
interface Serial2/0/0
link-protocol ppp
ip address 20.0.0.6 255.255.255.252
#
interface NULL0
#
ip route-static 0.0.0.0 0.0.0.0 20.0.0.5 preference 60
#
user-interface con 0
user-interface vty 0 4
#
return

```

【验证】

正常情况下查看RouterA、RouterB的VRRP状态如下：

RouterA状态
<pre> [RouterA]disp vrrp Virtual Ip Ping : Enable Ethernet1/0/0 Virtual Router 1 state : Master Virtual IP : 10.0.0.254 Config Priority : 120 Run Priority : 120 Preempt : YES Delay Time : 0 Timer : 1 Auth Type : NONE Track IF : Serial2/0/0 Priority reduced : 30 </pre>
RouterB状态
<pre> [RouterB]disp vrrp Virtual Ip Ping : Enable Ethernet1/0/0 Virtual Router 1 state : Backup Virtual IP : 10.0.0.254 Config Priority : 100 Run Priority : 100 Preempt : YES Delay Time : 0 Timer : 1 Auth Type : NONE </pre>

当RouterA上行口S2/0/0 down后查看RouterA、RouterB的VRRP状态如下：

RouterA状态
<pre> [RouterA]disp vrrp Virtual Ip Ping : Enable Ethernet1/0/0 Virtual Router 1 state : Backup Virtual IP : 10.0.0.254 Config Priority : 120 Run Priority : 90 Preempt : YES Delay Time : 0 Timer : 1 Auth Type : NONE Track IF : Serial2/0/0 Priority reduced : 30 </pre>
RouterB状态
<pre> [RouterB]disp vrrp Virtual Ip Ping : Enable Ethernet1/0/0 Virtual Router 1 state : Master Virtual IP : 10.0.0.254 Config Priority : 100 Run Priority : 100 Preempt : YES Delay Time : 0 Timer : 1 Auth Type : NONE </pre>

【提示】

- 1、如不配置vrrp ping-enable，会出现无法ping网关的现象，但是转发正常。
- 2、VRRP的默认工作在抢占方式（Preempt=YES）。

3、当被监视的端口down掉后，Run Priority 会减去设定值。