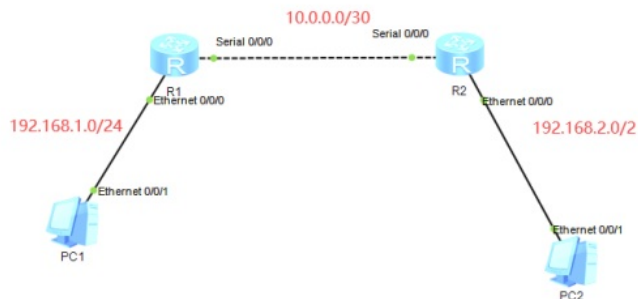


组网及说明



本案例采用ENSP来配置PPP CHAP双向实验，IP地址规划在网络拓扑图中有了明确的标识，全网采用默认路由互通，其中R1作为PPP认证方，R2作为PPP被认证方。R2使用用户名james、密码james发起PPP认证请求。同时R2作为也PPP认证方，R1作为PPP被认证方，R1发送用户名wade、密码wade发起PPP认证请求。

配置步骤

- (1) 按照网络拓扑图配置IP地址。
- (2) 全网采用默认路由。
- (3) R2启用PPP功能，并发送CHAP用户名、密码进行认证。
- (4) R1作为PPP认证方，对R2进行认证。
- (5) R1启用PPP功能，并发送CHAP用户名、密码进行认证。
- (6) R2作为PPP认证方，对R2进行认证。

配置关键点

R2:

```
<Huawei>u t m
Info: Current terminal monitor is off.
<Huawei>u t d
Info: Current terminal debugging is off.
<Huawei>sys
Enter system view, return user view with Ctrl+Z.
[Huawei]sysname R2
[R2]aaa
[R2-aaa]local-user wade password cipher wade
Info: Add a new user.
[R2-aaa]local-user wade service-type ppp
[R2-aaa]quit
[R2]int Ethernet 0/0/0
[R2-Ethernet0/0/0]ip address 192.168.2.1 24
[R2-Ethernet0/0/0]quit
[R2]int Serial 0/0/0
[R2-Serial0/0/0]ip address 10.0.0.2 30
[R2-Serial0/0/0]link-protocol ppp
[R2-Serial0/0/0]ppp chap user james
[R2-Serial0/0/0]ppp chap password simple james
[R2-Serial0/0/0]ppp auth
[R2-Serial0/0/0]ppp authentication-mode chap
[R2-Serial0/0/0]quit
[R2]ip route-static 0.0.0.0 0.0.0.0 10.0.0.1
```

R1:

```
<Huawei>u t m
Info: Current terminal monitor is off.
<Huawei>u t d
Info: Current terminal debugging is off.
<Huawei>sys
Enter system view, return user view with Ctrl+Z.
[Huawei]sysname R1
[R1]aaa
[R1-aaa]local-user james password cipher james
Info: Add a new user.
[R1-aaa]local-user james service-type ppp
[R1-aaa]quit
[R1]int Ethernet 0/0/0
[R1-Ethernet0/0/0]ip address 192.168.1.1 24
[R1-Ethernet0/0/0]quit
[R1]int Serial 0/0/0
[R1-Serial0/0/0]ip address 10.0.0.1 30
[R1-Serial0/0/0]link-protocol ppp
[R1-Serial0/0/0]ppp chap user wade
[R1-Serial0/0/0]ppp chap password simple wade
[R1-Serial0/0/0]ppp authentication-mode chap
[R1-Serial0/0/0]quit
[R1]ip route-static 0.0.0.0 0.0.0.0 10.0.0.2
```

测试效果:

PC填写IP地址

