计算机网络实验报告

成员:

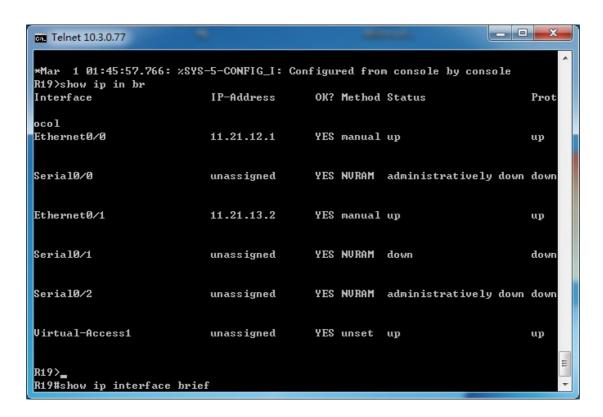
71112112 钱威 71112113 黄彦 71112114 肖彦

实验分丁:

钱威:配置第一个路由器的网段 黄彦:配置第二个路由器的网段 肖彦:配置第三个路由器的网段 协作完成三个路由器的路由表

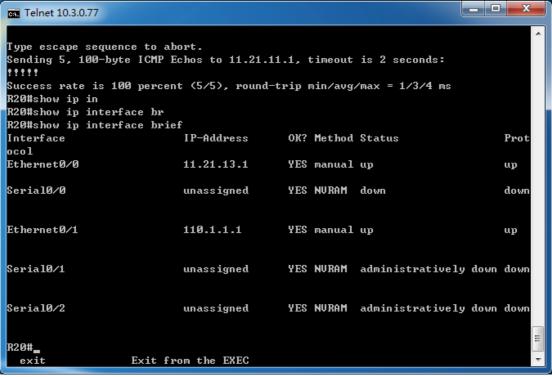
实验截图:

```
_ D X
Telnet 10.3.0.77
R19#show ip ro
R19#show ip route
Codes: C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
        \star - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
Gateway of last resort is not set
     11.0.0.0/24 is subnetted, 2 subnets
         11.21.12.0 is directly connected, Ethernet0/0
         11.21.13.0 is directly connected, Ethernet0/1
R19#confi
R19#configure ter
R19#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R19(config)#ip ro
R19(config)#ip route 110.1.1.0 255.255.255.0 11.21.13.1
R19(config)#ip route 11.21.11.0 255.255.255.0 11.21.12.2
                                                                                             =
R19(config)#
```

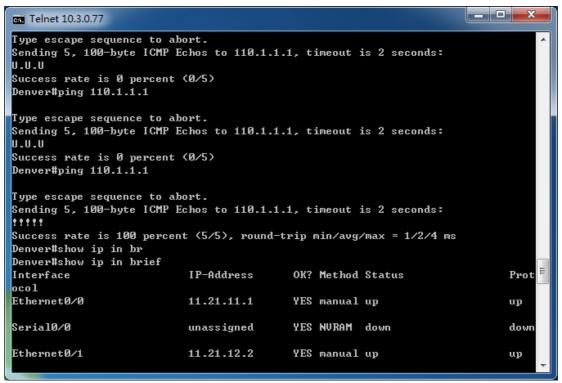




```
_ D X
Telnet 10.3.0.77
                                              YES NURAM down
Serial0/1
                             unassigned
                                                                                   down
Denver#show ip ro
Denver#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       \star - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
Gateway of last resort is 11.21.12.1 to network 0.0.0.0
     11.0.0.0/24 is subnetted, 2 subnets
        11.21.12.0 is directly connected, Ethernet0/1
        11.21.11.0 is directly connected, Ethernet0/0
     0.0.0.0/0 [1/0] via 11.21.12.1
Denver#_
```



```
_ D X
Telnet 10.3.0.77
Serial0/1
                                              YES NURAM administratively down down
                             unassigned
Seria10/2
                             unassigned
                                              YES NURAM administratively down down
R20#show ip route
Codes: C — connected, S — static, I — IGRP, R — RIP, M — mobile, B — BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
Gateway of last resort is 11.21.13.2 to network 0.0.0.0
     110.0.0.0/24 is subnetted, 1 subnets
        110.1.1.0 is directly connected, Ethernet0/1
     11.0.0.0/24 is subnetted, 1 subnets
        11.21.13.0 is directly connected, Ethernet0/0
     0.0.0.0/0 [1/0] via 11.21.13.2
R20#_
 telnet
                    Open a telnet connection
```



Ping

