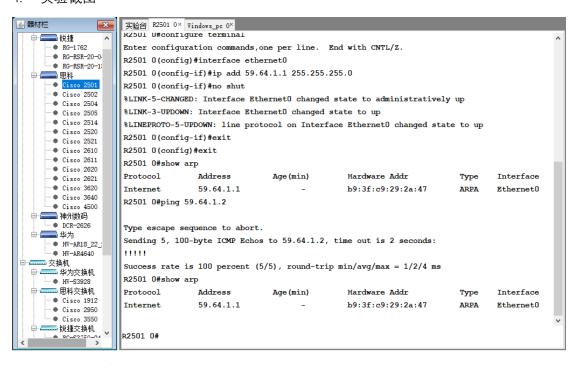
虚拟平台第三次实验

一、ARP 的操作实验

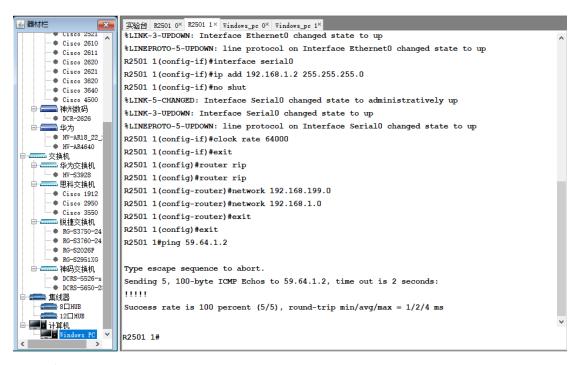
- 1. 拖放器材,连接及开机
- 2. 配置 PCO 的 ip 地址: 59.64.1.2 255.255.255.0
- 3. 配置路由器
- 4. 实验截图



二、RIP 路由的配置实验

- 1. 拖放器材,连接及开机
- 2. 配置路由器 RO,参照方法上次实验
- 3. 配置路由器 R1, 同上
- 4. 配置 PCOip 地址: 59.64.1.2 , 子网掩码: 255.255.255.0 , 配置默认网关: 59.64.1.1
- 5. 配置 PC1ip 地址: 192.168.199.2 , 子网掩码: 255.255.255.0 , 配置默认网关: 192.168.199.1
- 6. 实验截图

```
实验台 R2501 0× R2501 1× Windows_pc 0× Windows_pc 1×
sco 2521
             %LINK-3-UPDOWN: Interface EthernetO changed state to up
sco 2610
            %LINEPROTO-5-UPDOWN: line protocol on Interface EthernetO changed state to up
sco 2611
sco 2620
            R2501 0(config-if)#interface serial0
sco 2621
            R2501 0(config-if)#ip add 192.168.1.1 255.255.255.0
sco 3620
            R2501 0(config-if)#no shut
sco 3640
sco 4500
            %LINK-5-CHANGED: Interface SerialO changed state to administratively up
州数码
            %LINK-3-UPDOWN: Interface SerialO changed state to up
R-2626
            %LINEPROTO-5-UPDOWN: line protocol on Interface SerialO changed state to up
I-AR18 22
            R2501 O(config-if)#clock rate 64000
I-AR4640
            R2501 0(config-if)#exit
为交换机
            R2501 0(config) #router rip
I-S3928
            R2501 0(config) #router rip
科交換机
            R2501 0(config-router)#network 59.64.1.0
sco 1912
sco 2950
            R2501 0(config-router)#network 192.168.1.0
sco 3550
            R2501 0(config-router)#exit
捷交换机
            R2501 0 (config) #exit
1-S3750-24
-S3760-24
            R2501 O# ping 192.168.199.2
-S2026F
-S2951XG
玛交换机
            Type escape sequence to abort.
IRS-5526-9
            Sending 5, 100-byte ICMP Echos to 192.168.199.2, time out is 2 seconds:
:RS-5650-2
]HUB
            Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/4 ms
⊐нив
adows PC
           R2501 0#
```



三、OSPF 实验

- 1. 拖放器材,连接及开机
- 2. 配置路由器 RO, 详见实验指导文档
- 3. 配置路由器 R1, 详见实验指导文档
- 4. 配置 PCOIP 地址: 59.64.1.2 , 子网掩码: 255.255.255.0 , 配置默认网关: 59.64.1.1
- 5. 配置 PC1IP 地址: 192.168.199.2 , 子网掩码: 255.255.255.0 , 配置默认网关: 192.168.199.1
- 6. 实验截图

```
劃器材栏
                       实验台 R2501 0× R2501 1× Windows_pc 0× Windows_pc 1×
   ● 锐捷
● RG-1762
                        LINEPROTO-5-UPDOWN: line protocol on Interface SerialO changed state to up
                       R2501 O(config-if)#clock rate 64000
       ★ RG-RSR-20-0.
                       R2501 0(config-if)#exit
        • RG-RSR-20-1
                       R2501 0(config) #router ospf 1
   □ 思科

□ ©isco 2501
                       R2501 0(config) #router ospf 1
       ● Cisco 2502
                       R2501 0(config-router)#network 59.64.1.0 0.0.0.255 area 0
        • Cisco 2504
        # Cisco 2505
                       R2501 O(config-router)#network 192.168.1.0 0.0.0.255 area 0
        ◆ Cisco 2514
                       R2501 0(config-router)#exit
       • Cisco 2520
                       R2501 0(config)#exit
        • Cisco 2521
        • Cisco 2610
                       R2501 O#traceroute 192.168.199.2

    Cisco 2611

        ◆ Cisco 2620

    Cisco 2621

        • Cisco 3620
                       Type escape sequence to abort.
        ♣ Cisco 3640
                       Tracing the route to192.168.199.2
   DCR-2626
                         192.168.199.2 20 maec 16 meec *
   □ ● 华为
                       R2501 O#ping 192.168.199.2
      --- ♦ HW-AR18_22_:
        ♦ HW-AR4640
     --- 交換机
                       Type escape sequence to abort.

── 华为交換机

   ė .....
      ● HW-S39
                       Sending 5, 100-byte ICMP Echos to 192.168.199.2, time out is 2 seconds:
   □ ■ 思科交換机
      - Cisco 1912
                       Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/4 ms
       --- Cisco 2950
        ◆ Cisco 3550
   🗆 🚃 锐捷交换机
                       R2501 0#
```

