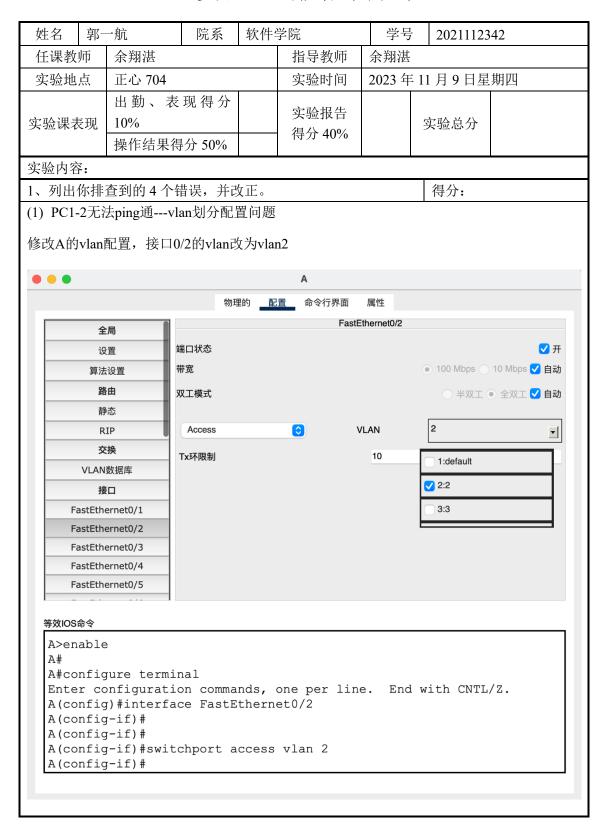
网络管理与设计课程实验报告

实验 5: 排错与调试



```
(2)PC6-2 ping不通PC4-2, 但是能ping通PC5-1---路由的配置
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.4.2
Pinging 192.168.4.2 with 32 bytes of data:
Request timed out.
Request timed out.
C:\>ping 192.168.5.1
Pinging 192.168.5.1 with 32 bytes of data:
Reply from 192.168.5.1: bytes=32 time<1ms TTL=125
Ping statistics for 192.168.5.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = Oms, Maximum = Oms, Average = Oms
中央交换机增加路由
R1(config)#ip route 192.168.4.0 255.255.255.0 10.10.10.10
R1(config)#
                                                 复制 粘贴
添加后能ping通PC4-2
C:\>ping 192.168.4.2
Pinging 192.168.4.2 with 32 bytes of data:
Reply from 192.168.4.2: bytes=32 time<1ms TTL=125
Ping statistics for 192.168.4.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

(3)PC3-1ping不通默认网关---ACL列表的配置

中央交换机ACL列表配置出错

这是中央交换机的ACL配置和修改后的指令,允许了PC3-2访问其他子网

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(4)PC6-2无法连接---端口管理

switch2交换机的端口没有打开

Switch>enable Switch#conf t

Enter configuration commands, one per line. End with CNTL/Z.

Switch (config) #int f0/3

Switch (config-if) #no sh

Switch(config-if)#

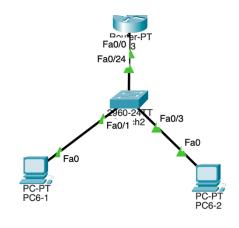
%LINK-5-CHANGED: Interface FastEthernet0/3, changed state to up

LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up

Switch (config-if) #

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打开后红色连接变绿, PC6-2配置完成



2、谈谈你对整个课程的意见。	得分:
通过五次实验,通过 Cisco 的软件上手熟悉了网络设备的部界	署和配置操作,更加熟悉理
解现代网络结构,能够分析解决网络问题,掌握网络设备的	配置和维护知识,是一门很
好的知识与应用相结合的课程	
	得分:
指导教师评语:	
	日期:
	口 <i>为</i> :