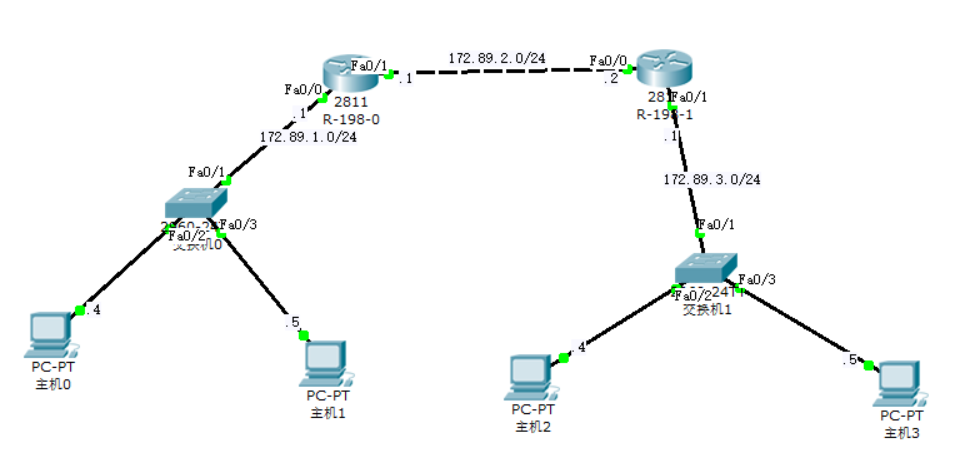
|  |  |  |
| --- | --- | --- |
| 学号：2017302580198 | 姓名：邹鑫 | 成绩： |

作业1：静态路由



hostname R-198-0

!

!

!

!

!

ip ssh version 1

!

!

interface FastEthernet0/0

ip address 172.89.1.1 255.255.255.0

duplex auto

speed auto

!

interface FastEthernet0/1

ip address 172.89.2.1 255.255.255.0

duplex auto

speed auto

!

interface Vlan1

no ip address

shutdown

!

ip classless

ip route 172.89.3.0 255.255.255.0 172.89.2.2

!

!

!

!

!

line con 0

line vty 0 4

login

!

!

end

hostname R-198-1

!

!

!

!

!

ip ssh version 1

!

!

interface FastEthernet0/0

ip address 172.89.2.2 255.255.255.0

duplex auto

speed auto

!

interface FastEthernet0/1

ip address 172.89.3.1 255.255.255.0

duplex auto

speed auto

!

interface Vlan1

no ip address

shutdown

!

ip classless

ip route 172.89.1.0 255.255.255.0 172.89.2.1

!

!

!

!

!

line con 0

line vty 0 4

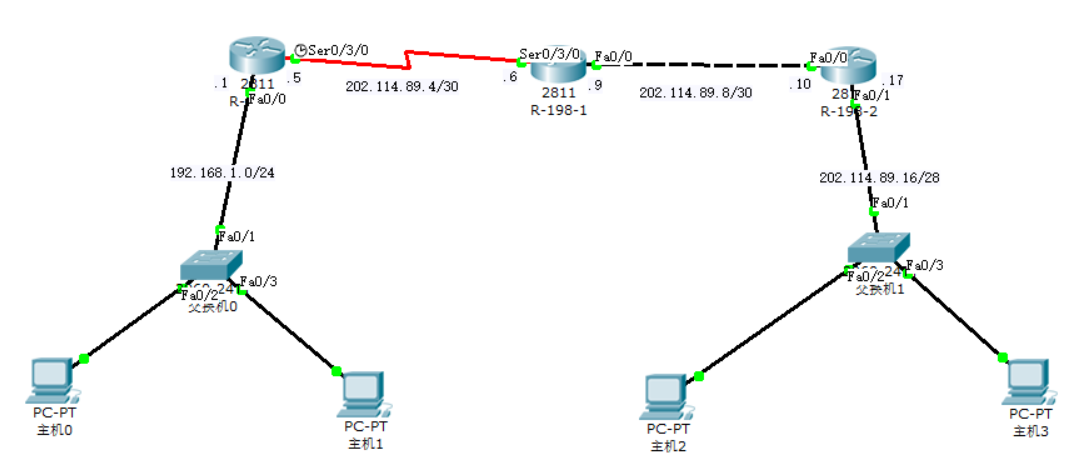
login

!

!

end

作业2：RIP路由



hostname R-198-0

!

!

!

!

!

ip ssh version 1

!

!

interface FastEthernet0/0

ip address 192.168.1.1 255.255.255.0

duplex auto

speed auto

!

interface FastEthernet0/1

no ip address

duplex auto

speed auto

shutdown

!

interface Serial0/3/0

ip address 202.114.89.5 255.255.255.252

clock rate 64000

!

interface Serial0/3/1

no ip address

shutdown

!

interface Vlan1

no ip address

shutdown

!

router rip

network 192.168.1.0

network 202.114.89.0

!

ip classless

!

!

!

!

ip dhcp pool pool1

network 192.168.1.0 255.255.255.0

default-router 192.168.1.1

!

line con 0

line vty 0 4

login

!

!

end

hostname R-198-1

!

!

!

!

!

ip ssh version 1

!

!

interface FastEthernet0/0

ip address 202.114.89.9 255.255.255.252

duplex auto

speed auto

!

interface FastEthernet0/1

no ip address

duplex auto

speed auto

shutdown

!

interface Serial0/3/0

ip address 202.114.89.6 255.255.255.252

!

interface Serial0/3/1

no ip address

shutdown

!

interface Vlan1

no ip address

shutdown

!

router rip

network 202.114.89.0

!

ip classless

!

!

!

!

!

line con 0

line vty 0 4

login

!

!

end

hostname R-198-2

!

!

!

!

!

ip ssh version 1

!

!

interface FastEthernet0/0

ip address 202.114.89.10 255.255.255.252

duplex auto

speed auto

!

interface FastEthernet0/1

ip address 202.114.89.17 255.255.255.240

duplex auto

speed auto

!

interface Vlan1

no ip address

shutdown

!

router rip

version 2

network 202.114.89.0

!

ip classless

!

!

!

!

ip dhcp pool pool1

network 202.114.89.16 255.255.255.240

default-router 202.114.89.17

!

line con 0

line vty 0 4

login

!

!

end

作业3：跨交换机实现vlan

作业4：vlan间通过三层交换机路由

作业5：单臂路由

作业6：NAPT

作业7：ACL