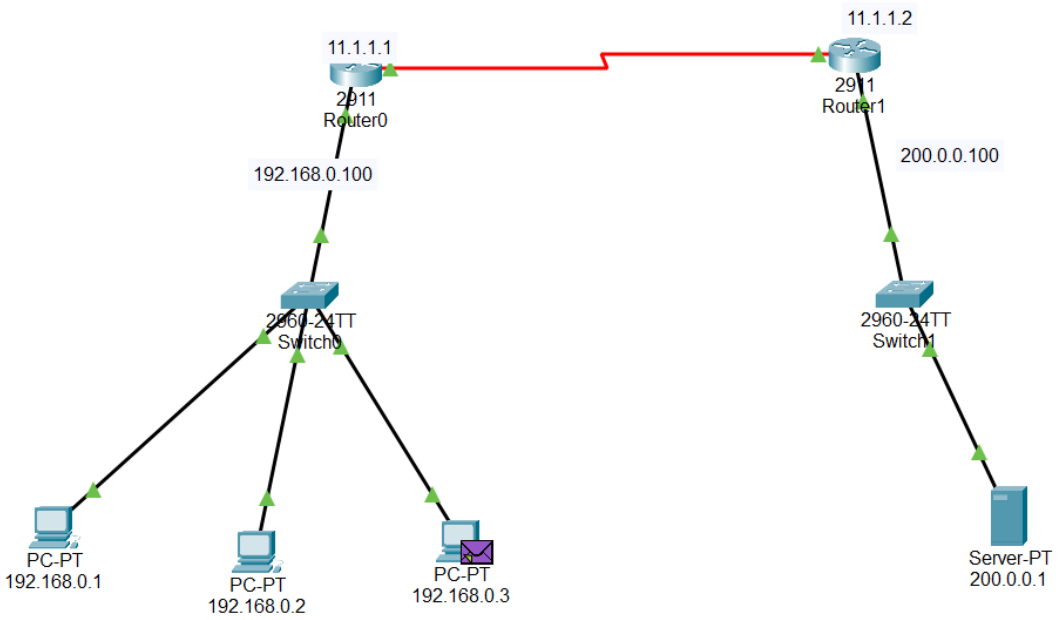
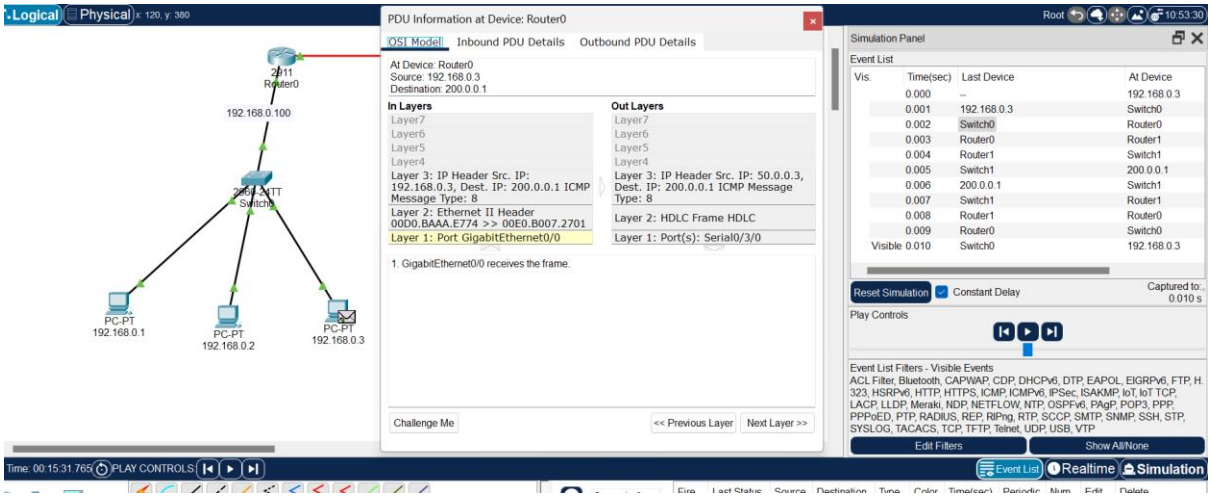
NPS LAB EXPERIMENTS

EXP-9





Router 0

Router>enable
Router#
Router#configure terminal
Router(config)#interface GigabitEthernet0/0
Router(config-if)#ip address 192.168.0.100 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#interface Serial0/3/0
Router(config-if)#no shutdown

```
Router(config-if)#ip address 11.1.1.1 255.0.0.0
Router(config-if)#ip address 11.1.1.1 255.0.0.0
Router(config-if)#
%LINK-5-CHANGED: Interface Serial0/3/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/3/0, changed state to up

Router(config-if)#exit
Router(config)#ip route 0.0.0.0 0.0.0.0 11.1.1.2
Router(config)#interface g0/0
Router(config-if)#ip nat inside
Router(config-if)#exit
Router(config)#interface serial 0/3/0
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#access-list 50 permit 192.168.0.0 0.0.0.255
Router(config)#ip nat pool publicip 50.0.0.1 50.0.0.50 netmask 255.255.255.0
Router(config)#ip nat inside source list 50 pool publicip
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#
```

Router 1

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface GigabitEthernet0/0
Router(config-if)#ip address 200.0.0.100 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#

Router(config-if)#exit
Router(config)#interface Serial0/3/0
Router(config-if)#ip address 11.1.1.2 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#exit

Router(config)#ip route 50.0.0.0 255.0.0.0 11.1.1.1
```