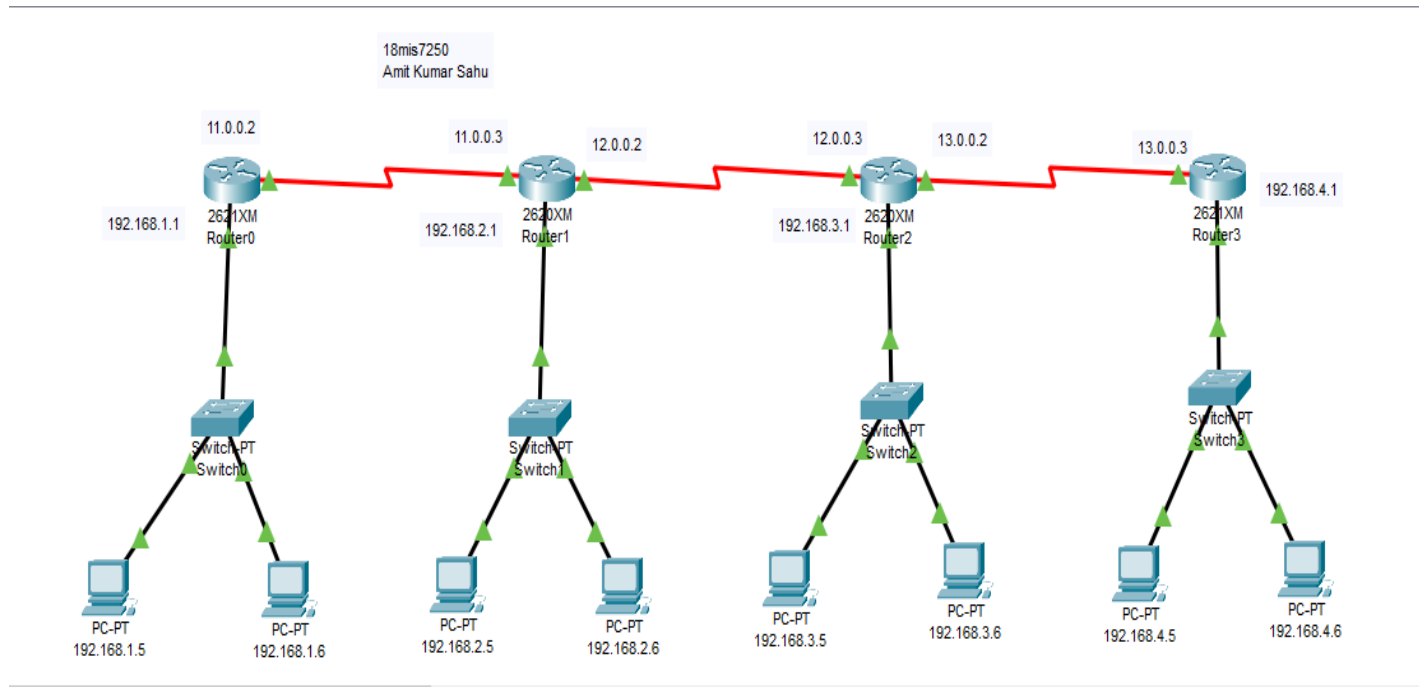


Lab – 8

18MIS7250

Amit Kumar Sahu

WAN configuration using static ip addressing



Configuring route for Router 1

```
Router(config)#  
Router(config)#ip route 192.168.3.0 255.255.255.0 11.0.0.3  
Router(config)#ip route 192.168.4.0 255.255.255.0 11.0.0.3  
Router(config)#ip route 12.0.0.0 255.0.0.0 11.0.0.3  
Router(config)#ip route 13.0.0.0 255.0.0.0 12.0.0.3  
Router(config)#
```

Configuring route for Router 2

```
Router(config)#ip route 192.168.3.0 255.255.255.0 12.0.0.3  
Router(config)#ip route 192.168.4.0 255.255.255.0 12.0.0.3  
Router(config)#ip route 13.0.0.0 255.0.0.0 12.0.0.3  
Router(config)#
```

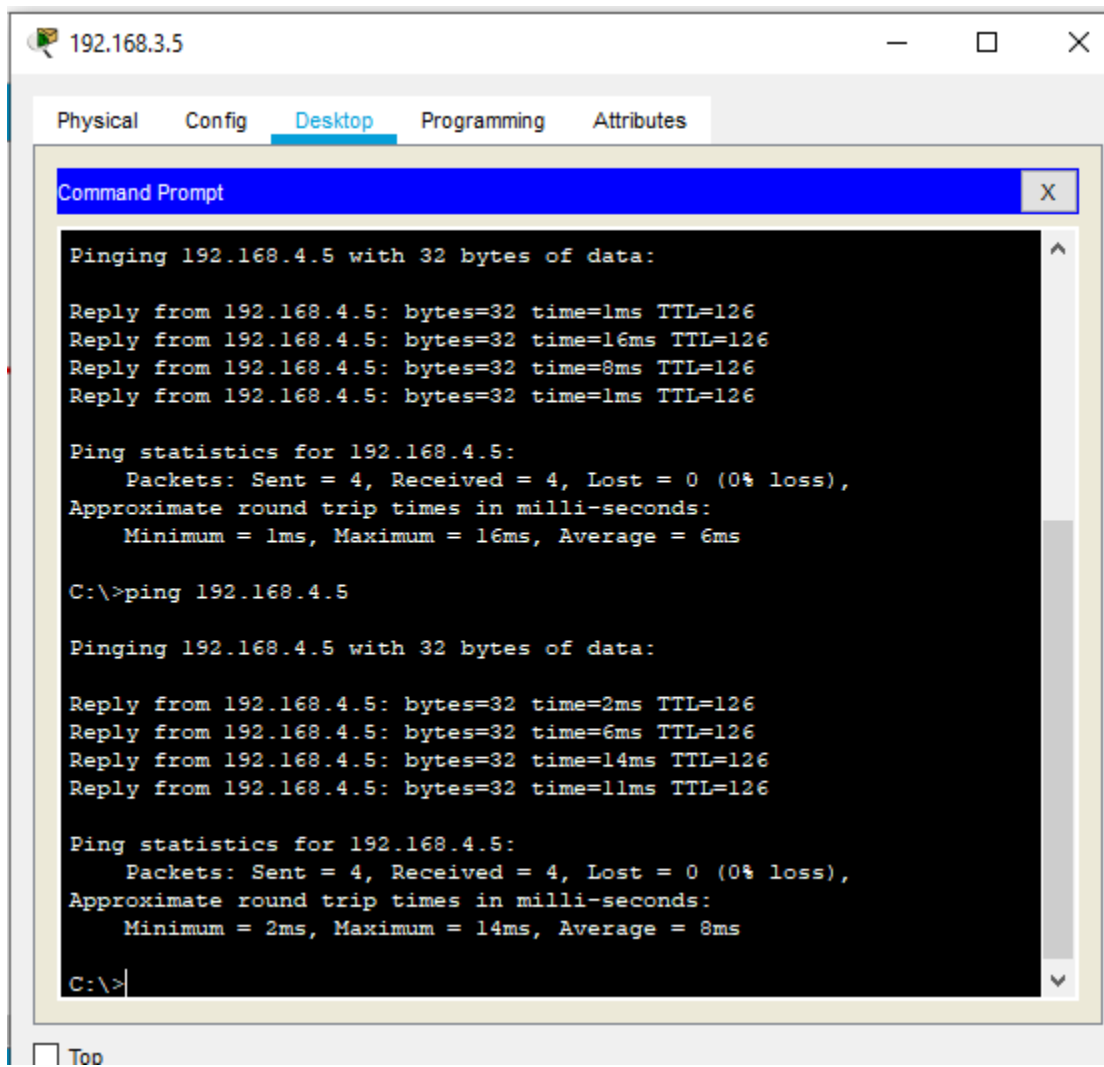
Configuring route for Router 3

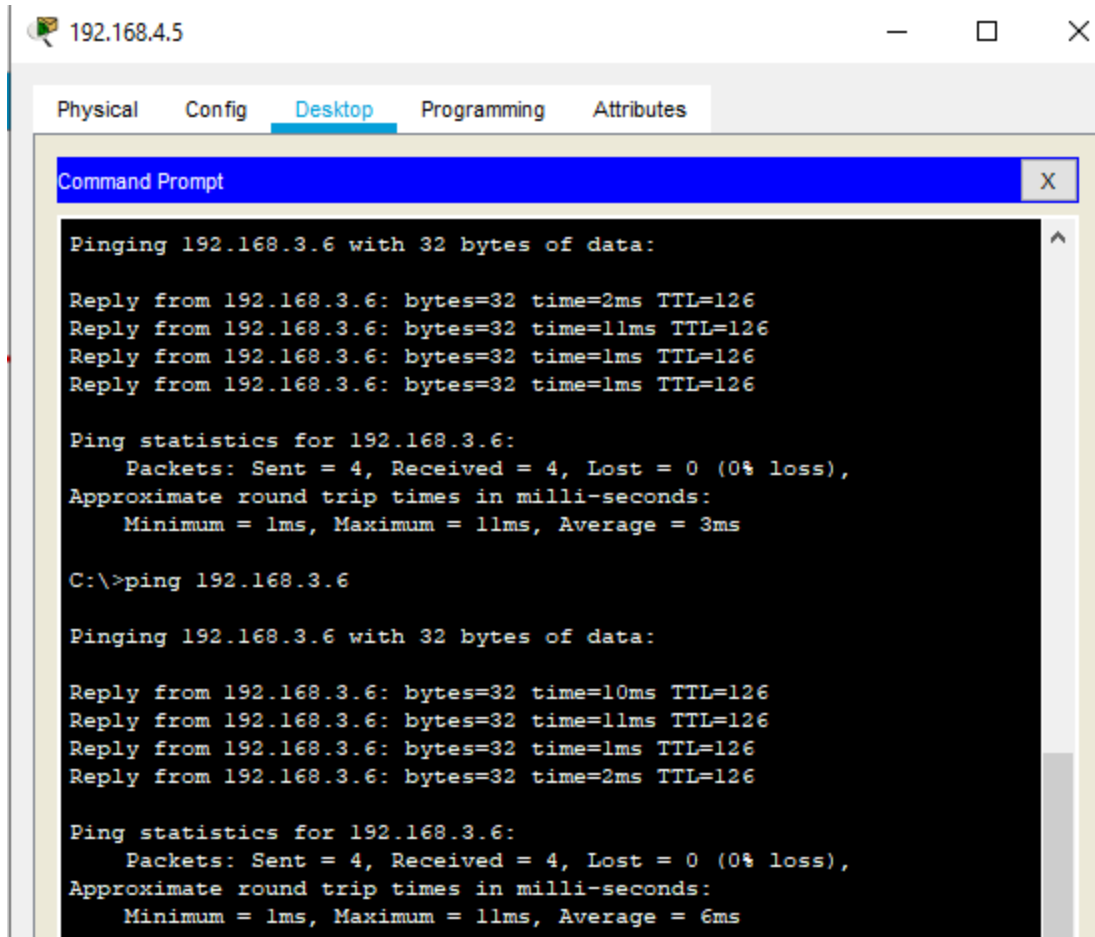
```
Router(config)#ip route 192.168.2.0 255.255.255.0 12.0.0.2  
Router(config)#ip route 192.168.1.0 255.255.255.0 12.0.0.2  
Router(config)#ip route 192.168.4.0 255.255.255.0 13.0.0.3  
Router(config)#ip route 11.0.0.0 255.0.0.0 12.0.0.2  
Router(config)
```

Configuring route for Router 4

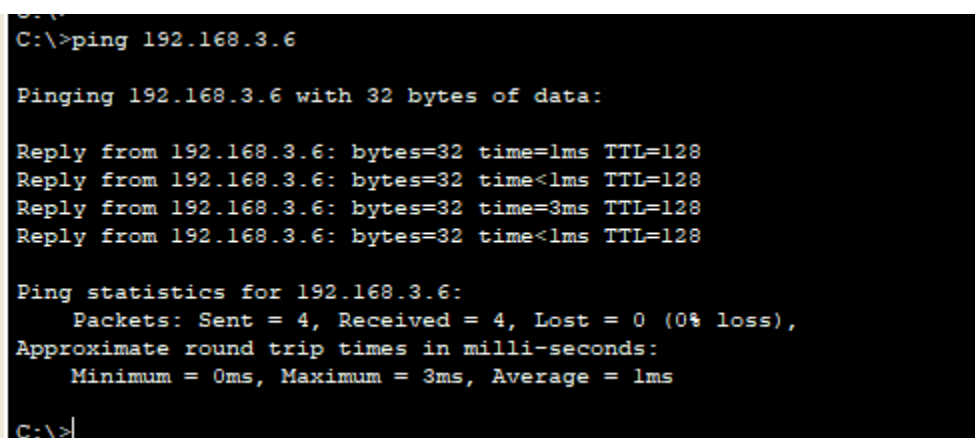
```
Router(config)#  
Router(config)#ip route 192.168.3.0 255.255.255.0 13.0.0.2  
Router(config)#ip route 192.168.2.0 255.255.255.0 13.0.0.2  
Router(config)#ip route 192.168.1.0 255.255.255.0 13.0.0.2  
Router(config)#ip route 11.0.0.0 255.0.0.0 12.0.0.2  
Router(config)#ip route 12.0.0.0 255.0.0.0 13.0.0.2  
Router(config)#
```

Checking connections by pinging





Pinging from 192.168.1.5 to 192.168.3.6



Pinging from 192.168.4.6 to 192.168.1.6

```
C:\>
C:\>ping 192.168.1.6

Pinging 192.168.1.6 with 32 bytes of data:

Reply from 192.168.1.6: bytes=32 time<1ms TTL=128
Reply from 192.168.1.6: bytes=32 time<1ms TTL=128
Reply from 192.168.1.6: bytes=32 time<1ms TTL=128
Reply from 192.168.1.6: bytes=32 time=22ms TTL=128

Ping statistics for 192.168.1.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 22ms, Average = 5ms

C:\>
```