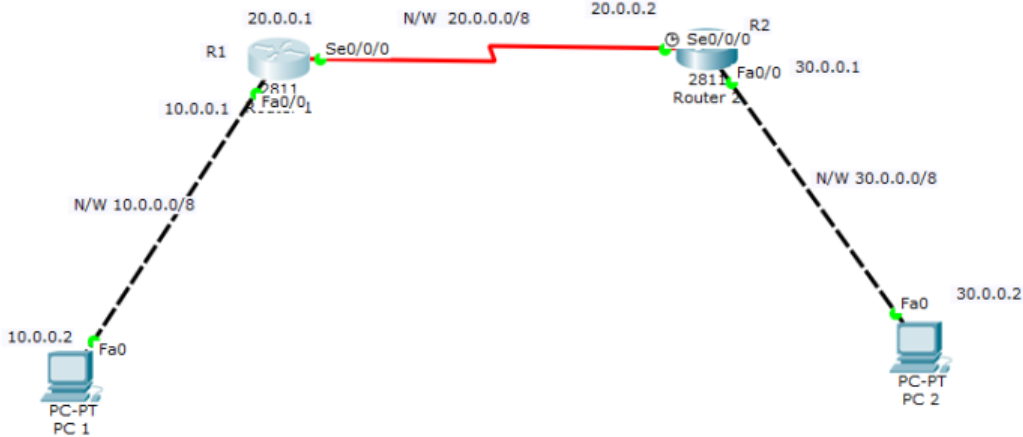
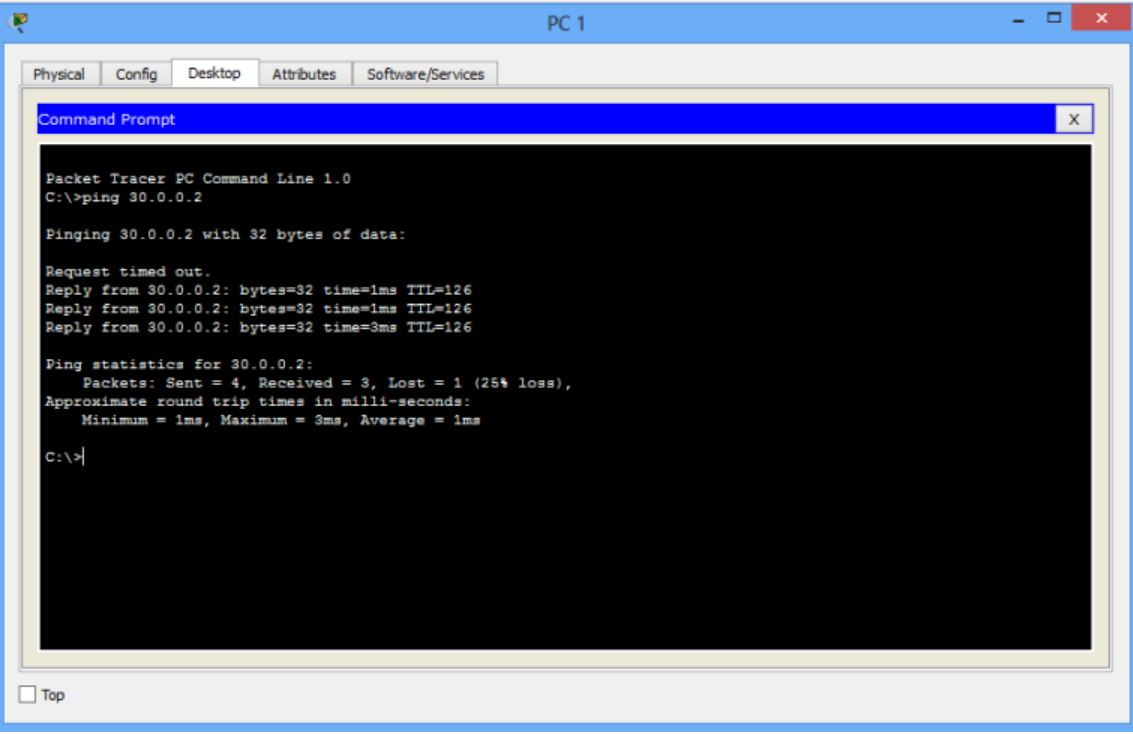

20.0.0.1
N/W 20.0.0.0/8
20.0.0.2
R1
Se0/0/0
Se0/0/0
R2
2811
Fa0/0
30.0.0.1
Router 2
10.0.0.1
Fa0/0
N/W 10.0.0.0/8
N/W 30.0.0.0/8
30.0.0.2
10.0.0.2
Fa0
Fa0
PC-PT
PC 1
PC-PT
PC 2

```
R1#
R1#show ip ospf neighbor


Neighbor ID     Pri   State           Dead Time   Address
Interface
30.0.0.1          0   FULL/  -        00:00:30    20.0.0.2
Serial0/0/0
```

```
R1#
R1#show ip route ospf
O    30.0.0.0 [110/65] via 20.0.0.2, 00:20:50, Serial0/0/0
```


PC 1
Physical
Config
Desktop
Attributes
Software/Services
Command Prompt
X
Packet Tracer PC Command Line 1.0
C:\>ping 30.0.0.2
Pinging 30.0.0.2 with 32 bytes of data:
Request timed out.
Reply from 30.0.0.2: bytes=32 time=1ms TTL=126
Reply from 30.0.0.2: bytes=32 time=1ms TTL=126
Reply from 30.0.0.2: bytes=32 time=3ms TTL=126
Ping statistics for 30.0.0.2:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 1ms, Maximum = 3ms, Average = 1ms
C:\>
Top