

Boson NetSim

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Standard Courseware Custom

Search Labs

- Demo
- ICND1
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- ROUTE
- SWITCH
- TSHOOT
- Supplemental

Lab Instructions NetMap

Consoles

Devices: PC2 [Device #6]

Settings...

```
Boson NetSim 5.0
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Use the command help to get started

Press Enter to begin
C:\>ipconfig /ip 192.168.1.2 255.255.255.0
C:\> 192.168.1.2
^
% Invalid input detected at '^' marker.
C:\>192.168.1.2
^
% Invalid input detected at '^' marker.
C:\> 192.168.1.2
^
% Invalid input detected at '^' marker.
C:\>
C:\>
```

Router1 Router2 Switch1 PC1 PC2 PC3 PC4

Ready

Type here to search

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Consoles

Devices: PC3 [Device #7]

Settings...

```
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Use the command help to get started

Press Enter to begin
C:\>ipconfig /ip 172.16.1.2 255.255.0.0
C:\>ping 172.16.1.1

Pinging 172.16.1.1 with 32 bytes of data:
Reply from 172.16.1.1: bytes=32 time=51ms TTL=241
Reply from 172.16.1.1: bytes=32 time=53ms TTL=241
Reply from 172.16.1.1: bytes=32 time=63ms TTL=241
Reply from 172.16.1.1: bytes=32 time=54ms TTL=241
Reply from 172.16.1.1: bytes=32 time=56ms TTL=241

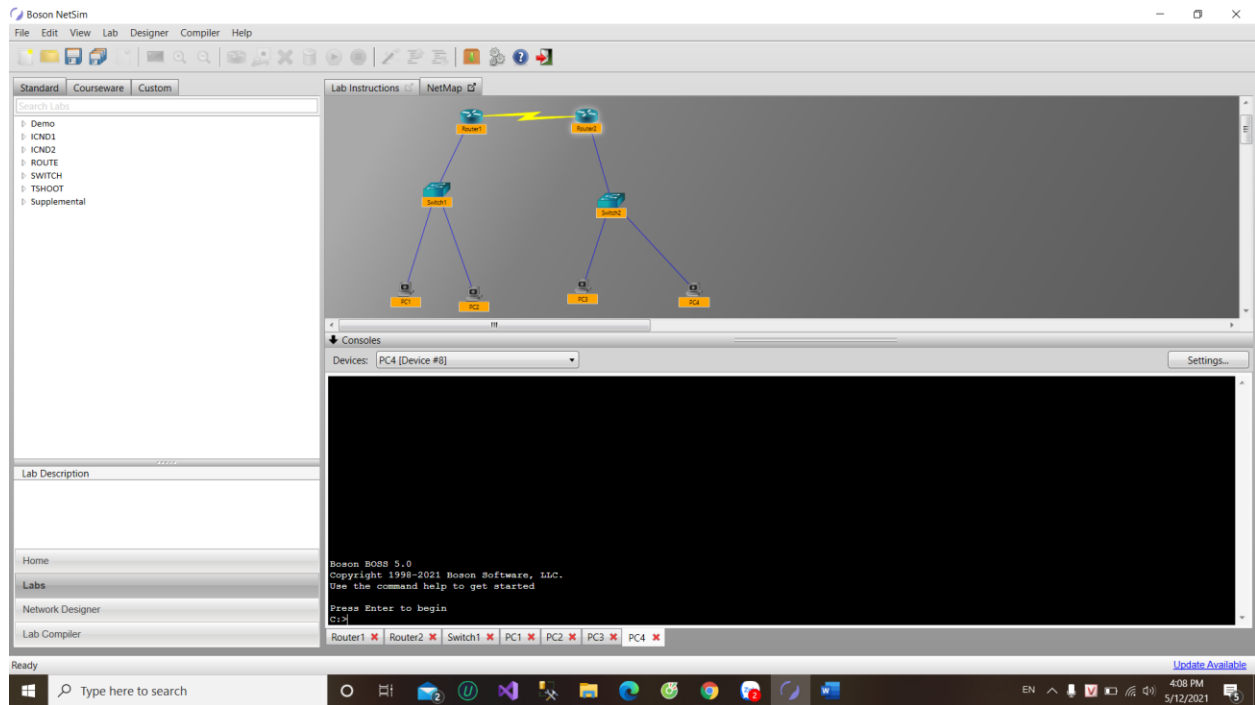
Ping statistics for 172.16.1.1:
    Packets: Sent = 5, Received = 5, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 51ms, Maximum = 63ms, Average = 56ms
C:\>
```

Router1 Router2 Switch1 PC1 PC2 PC3 PC4

Ready

Type here to search

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18574802010055

$X = 55 \bmod 6 = 1$

$25 + x = 25 + 2 = 27$

192.168.7.0/(27)

$2^2 = 4 \text{ net}$

$2^6 = 64$