

**Cisco Packet Assignment**

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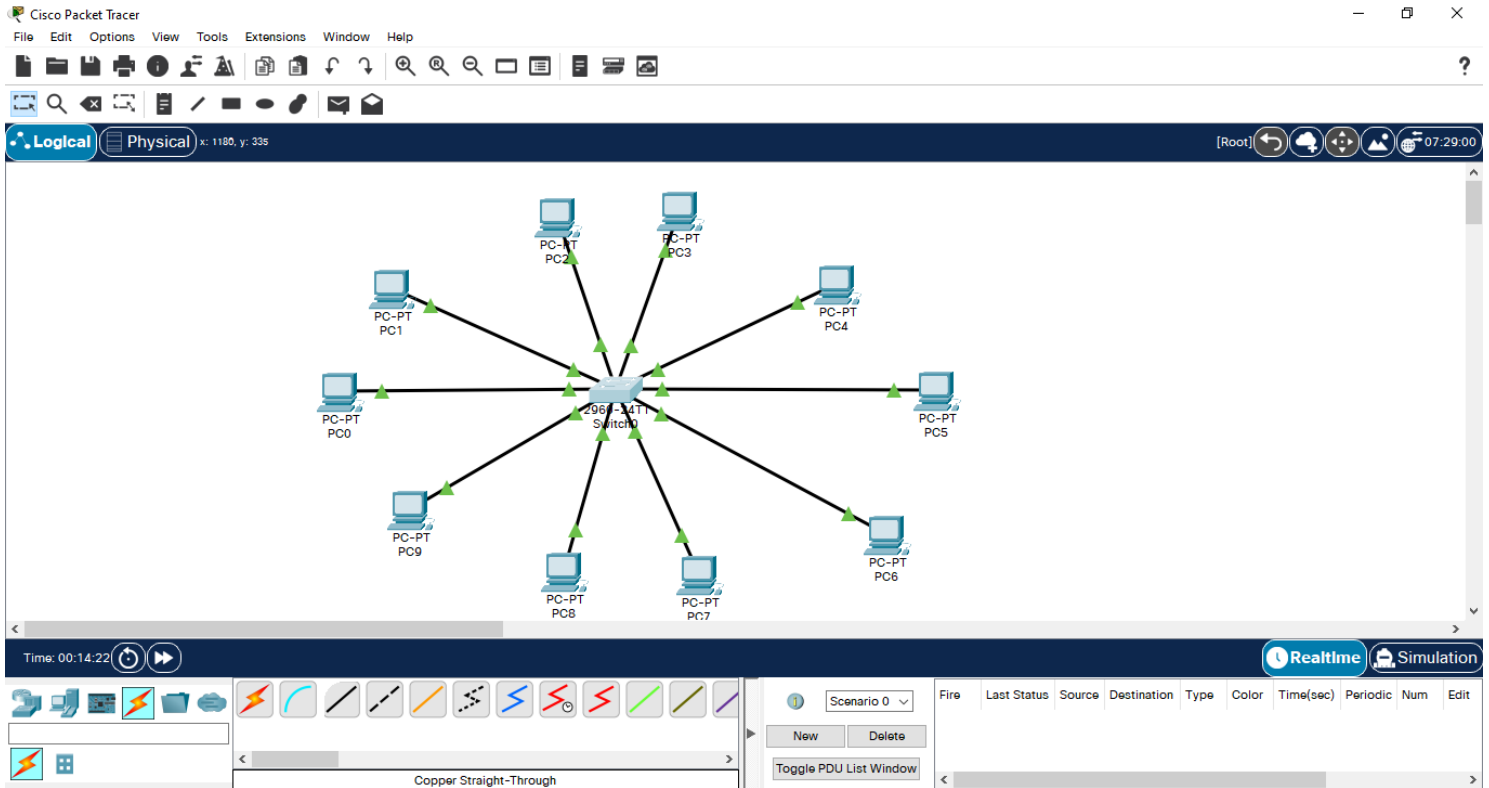
Course Code: Data Communication and Computer Networking

Muhammad Saad Rashad

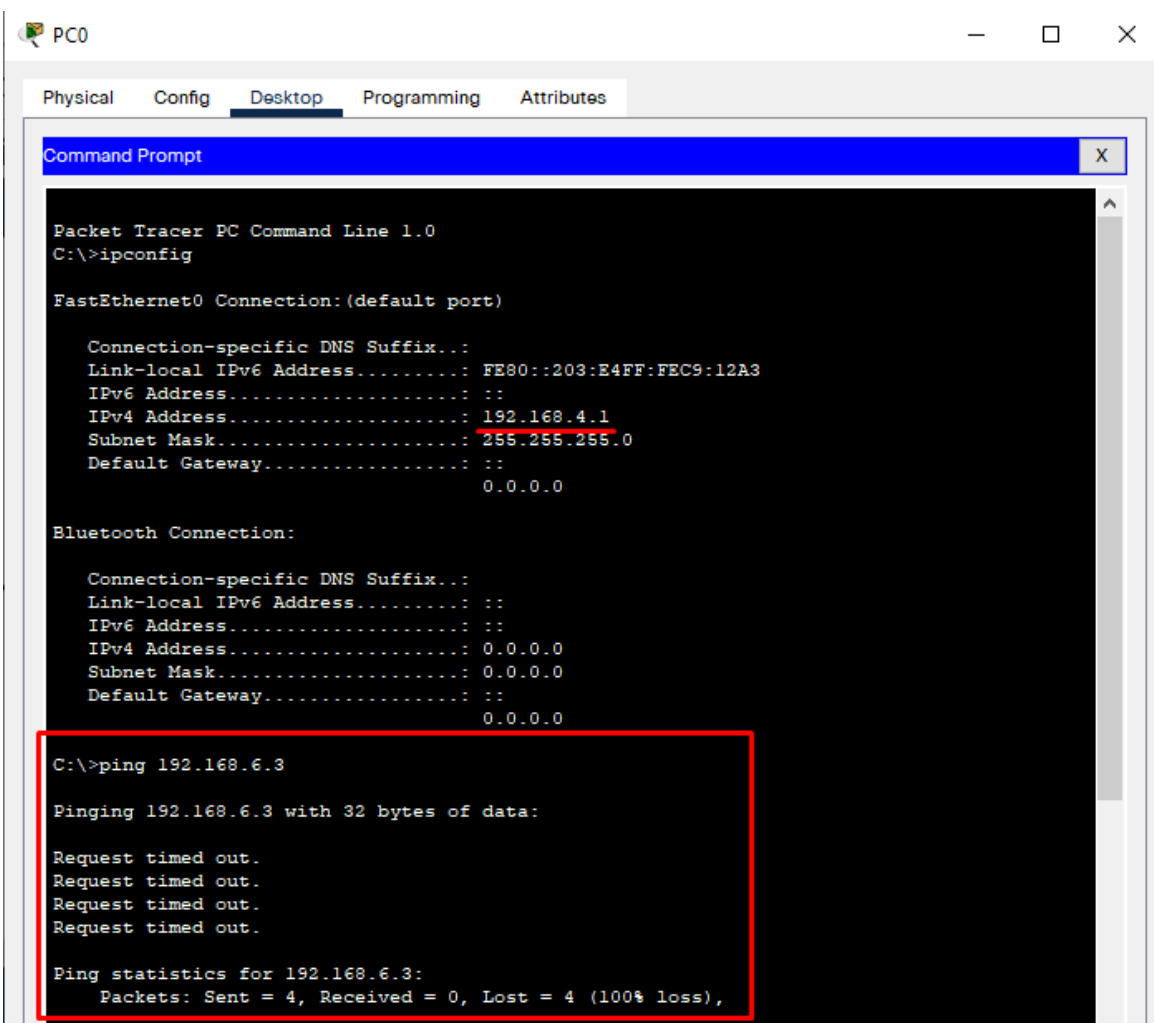
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# Cisco Packet Assignment

1. Create 10 PCs on Packet Tracer and connect them to a switch
2. 7 of the PCs would have Network IP 192.168.4
3. Remaining 3 PCs would have Network IP 192.168.6



#### 4. Ping a PC from one of the PCs from different network



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PC0
Physical  Config  Desktop  Programming  Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection: (default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: FE80::203:E4FF:FEC9:12A3
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 192.168.4.1
    Subnet Mask . . . . .: 255.255.255.0
    Default Gateway . . . . .: ::
                                0.0.0.0

Bluetooth Connection:

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: ::
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 0.0.0.0
    Subnet Mask . . . . .: 0.0.0.0
    Default Gateway . . . . .: ::
                                0.0.0.0

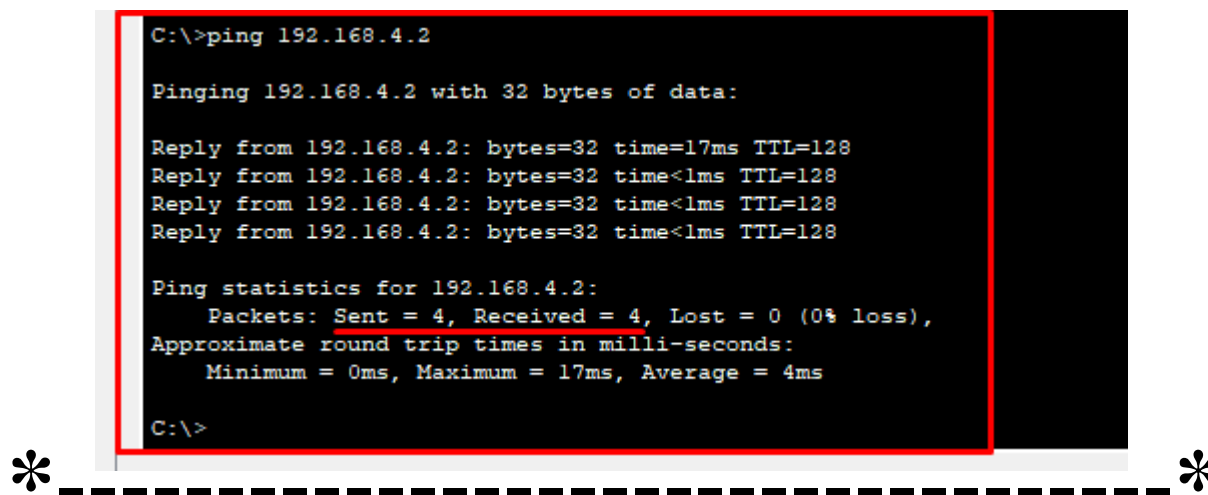
C:\>ping 192.168.6.3

Pinging 192.168.6.3 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.6.3:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
  
```

If we Ping a PC from one of the PCs of **same** network



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C:\>ping 192.168.4.2

Pinging 192.168.4.2 with 32 bytes of data:

Reply from 192.168.4.2: bytes=32 time=17ms TTL=128
Reply from 192.168.4.2: bytes=32 time<1ms TTL=128
Reply from 192.168.4.2: bytes=32 time<1ms TTL=128
Reply from 192.168.4.2: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.4.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 17ms, Average = 4ms

C:\>
  
```