

Mettere in comunicazione il laptop-PT0 con IP 192.168.100.100 con il PC-PT-PC0 con IP 192.168.100.103

```
Cisco Packet Tracer PC Command Line 1.0
C:\> ping 192.168.100.103

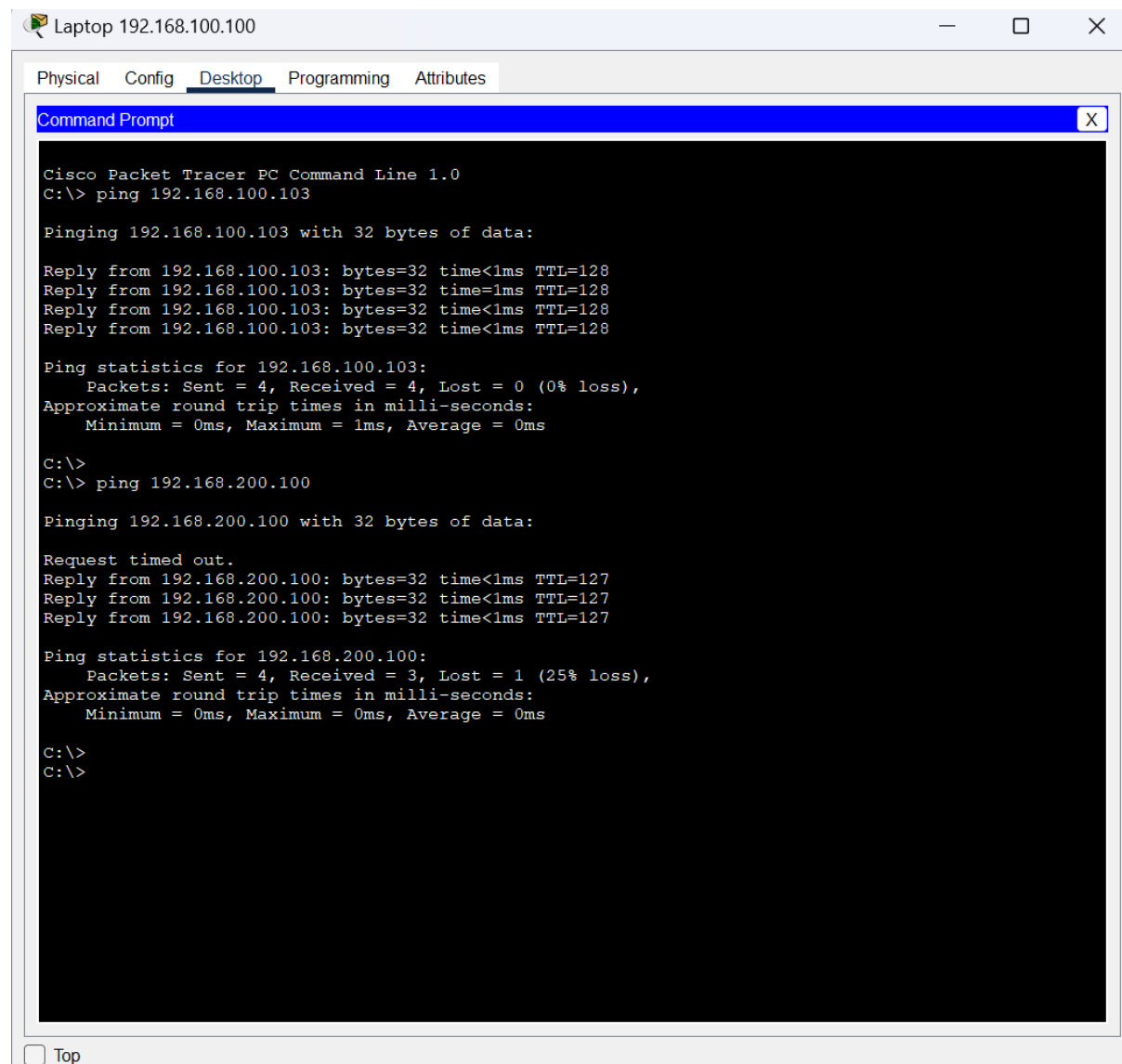
Pinging 192.168.100.103 with 32 bytes of data:

Reply from 192.168.100.103: bytes=32 time<1ms TTL=128
Reply from 192.168.100.103: bytes=32 time=1ms TTL=128
Reply from 192.168.100.103: bytes=32 time<1ms TTL=128
Reply from 192.168.100.103: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.100.103:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
C:\>
```

Mettere in comunicazione il laptop-PT0 con IP 192.168.100.100 con il laptop-PT2 con IP 192.168.200.100



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Laptop 192.168.100.100
Physical Config Desktop Programming Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\> ping 192.168.100.103

Pinging 192.168.100.103 with 32 bytes of data:

Reply from 192.168.100.103: bytes=32 time<1ms TTL=128
Reply from 192.168.100.103: bytes=32 time=1ms TTL=128
Reply from 192.168.100.103: bytes=32 time<1ms TTL=128
Reply from 192.168.100.103: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.100.103:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
C:\> ping 192.168.200.100

Pinging 192.168.200.100 with 32 bytes of data:

Request timed out.
Reply from 192.168.200.100: bytes=32 time<1ms TTL=127
Reply from 192.168.200.100: bytes=32 time<1ms TTL=127
Reply from 192.168.200.100: bytes=32 time<1ms TTL=127

Ping statistics for 192.168.200.100:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
C:\>
```

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Mostrare qualitativamente (non inserite i valori) come cambiano «source MAC e destination MAC» e «source IP & destination IP» quando un pacchetto viene inviato dal Laptop-PT-Laptop0 verso Laptop-PT-Laptop2

The top screenshot shows the packet capture details at Switch1. The packet is received on FastEthernet0/3. The source MAC is 000D.BDD1.1E42 and the destination MAC is 0090.2BC7.D602. The source IP is 192.168.100.100 and the destination IP is 192.168.200.100.

The bottom screenshot shows the packet capture details at Switch0. The packet is received on FastEthernet0/1. The source MAC is 0002.16A3.2CDE and the destination MAC is 0090.2BC7.D601. The source IP is 192.168.100.100 and the destination IP is 192.168.200.100.

The Event List Panel on the right shows the sequence of events. The first event is the packet being received by Switch1 at 0.000 seconds. The second event is the packet being received by Switch0 at 0.001 seconds. The third event is the packet being received by Laptop-PT-Laptop2 at 0.005 seconds.