

ES1: Mettere in comunicazione il laptop-PT0 con IP 192.168.100.100 con il PC-PT-PC0 con IP 192.168.100.103

Device Name: Laptop0

Device Model: Laptop-PT

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.100.100/24	<not set>	0090.2BAA.98AD
Bluetooth	Down	<not set>	<not set>	0002.4AD1.8C49

Gateway: 192.168.100.1

DNS Server: <not set>

Line Number: <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop0

Device Name: PC0

Device Model: PC-PT

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.100.103/24	<not set>	0060.4758.C5D8
Bluetooth	Down	<not set>	<not set>	0040.0BB9.782E

Gateway: 192.168.100.1

DNS Server: <not set>

Line Number: <not set>

Physical Location: Intercity > Home City > Corporate Office > PC0

```
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<lms TTL=128
Reply from 192.168.100.103: bytes=32 time<lms TTL=128
Reply from 192.168.100.103: bytes=32 time<lms TTL=128
Reply from 192.168.100.103: bytes=32 time<lms 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 = 0ms, Average = 0ms

C:\>
```

ES2: Mettere in comunicazione il laptop-PT0 con IP 192.168.100.100 con il laptop-PT2 con IP 192.168.200.100

Device Name: Laptop0

Device Model: Laptop-PT

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.100.100/24	<not set>	0090.2BAA.98AD
Bluetooth	Down	<not set>	<not set>	0002.4AD1.8C49

Gateway: 192.168.100.1

DNS Server: <not set>

Line Number: <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop0

Device Name: Laptop3

Device Model: Laptop-PT

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.200.100/24	<not set>	0009.7C03.20E7
Bluetooth	Down	<not set>	<not set>	0002.1635.BC26

Gateway: 192.168.200.1

DNS Server: <not set>

Line Number: <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop3

```
C:\>ping 192.168.200.100
```

```
Pinging 192.168.200.100 with 32 bytes of data:
```

```
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
```

```
Reply from 192.168.200.100: bytes=32 time<1ms TTL=127
```

```
Ping statistics for 192.168.200.100:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

```
Approximate round trip times in milli-seconds:
```

```
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>|
```

ES3: 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

At Device: Laptop0
Source: Laptop0
Destination: 192.168.200.101

In Layers

Layer7

Layer6

Layer5

Layer4

Layer3

Layer2

Layer1

Out Layers

Layer7

Layer6

Layer5

Layer4

Layer 3: IP Header Src. IP:
192.168.100.100, Dest. IP:
192.168.200.101 ICMP Message Type: 8

Layer 2: Ethernet II Header 0090.2BAA.
98AD >> 0001.641B.EA01

Layer 1: Port(s): FastEthernet0

At Device: PC2
Source: Laptop0
Destination: 192.168.200.101

In Layers

Layer7

Layer6

Layer5

Layer4

Layer 3: IP Header Src. IP:
192.168.100.100, Dest. IP:
192.168.200.101 ICMP Message Type: 8

Layer 2: Ethernet II Header
0001.641B.EA02 >> 000C.CF50.7E70

Layer 1: Port FastEthernet0

Out Layers

Layer7

Layer6

Layer5

Layer4

Layer 3: IP Header Src. IP:
192.168.200.101, Dest. IP:
192.168.100.100 ICMP Message Type: 0

Layer 2: Ethernet II Header
000C.CF50.7E70 >> 0001.641B.EA02

Layer 1: Port(s): FastEthernet0

At Device: Laptop0
Source: Laptop0
Destination: 192.168.200.101

In Layers

Layer7

Layer6

Layer5

Layer4

Layer 3: IP Header Src. IP:
192.168.200.101, Dest. IP:
192.168.100.100 ICMP Message Type: 0

Layer 2: Ethernet II Header
0001.641B.EA01 >> 0090.2BAA.98AD

Layer 1: Port FastEthernet0

Out Layers

Layer7

Layer6

Layer5

Layer4

Layer3

Layer2

Layer1