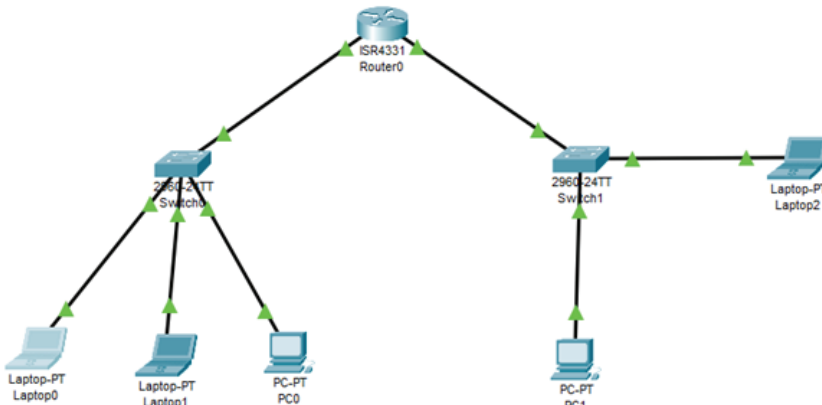


ESERCIZIO- W2D1



Ho creato una rete di calcolatori e ho assegnato i rispettivi IP e Gateway ai PC e alle uscite Gigabit Ethernet del Router.

```
Laptop0
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 = 0ms, Average = 0ms

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:\>|
```

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	Laptop0	PC0	ICMP		0.000	N	0	(edit)	
	Successful	Laptop0	Laptop2	ICMP		0.000	N	1	(edit)	

Dal Laptop 0 con IP : 192.168.100.100 mando un ping a PC 0 con IP 192.168.100.103 Successivamente ne mando uno a Laptop 2 con IP 192.168.200.100 ottenendo da entrambi riscontro positivo . Anche provando a fare un test di Simple PDU il riscontro è positivo su entrambi i dispositivi .

In Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer 2: Ethernet II Header
0001.C9C5.7B88 >> 0001.42BC.BB01
Layer 1: Port FastEthernet0/1

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer 2: Ethernet II Header
0001.C9C5.7B88 >> 0001.42BC.BB01
Layer 1: Port(s): GigabitEthernet0/1

In Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer 2: Ethernet II Header
0001.97B2.857C >> 0001.42BC.BB02
Layer 1: Port FastEthernet0/1

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer 2: Ethernet II Header
0001.97B2.857C >> 0001.42BC.BB02
Layer 1: Port(s): GigabitEthernet0/2

Tramite simulazione notiamo che entrambi i dispositivi (figura 1 Laptop 0 e figura 2 Laptop2) ottengono lo stesso MAC Address quando il ping viene inviato.