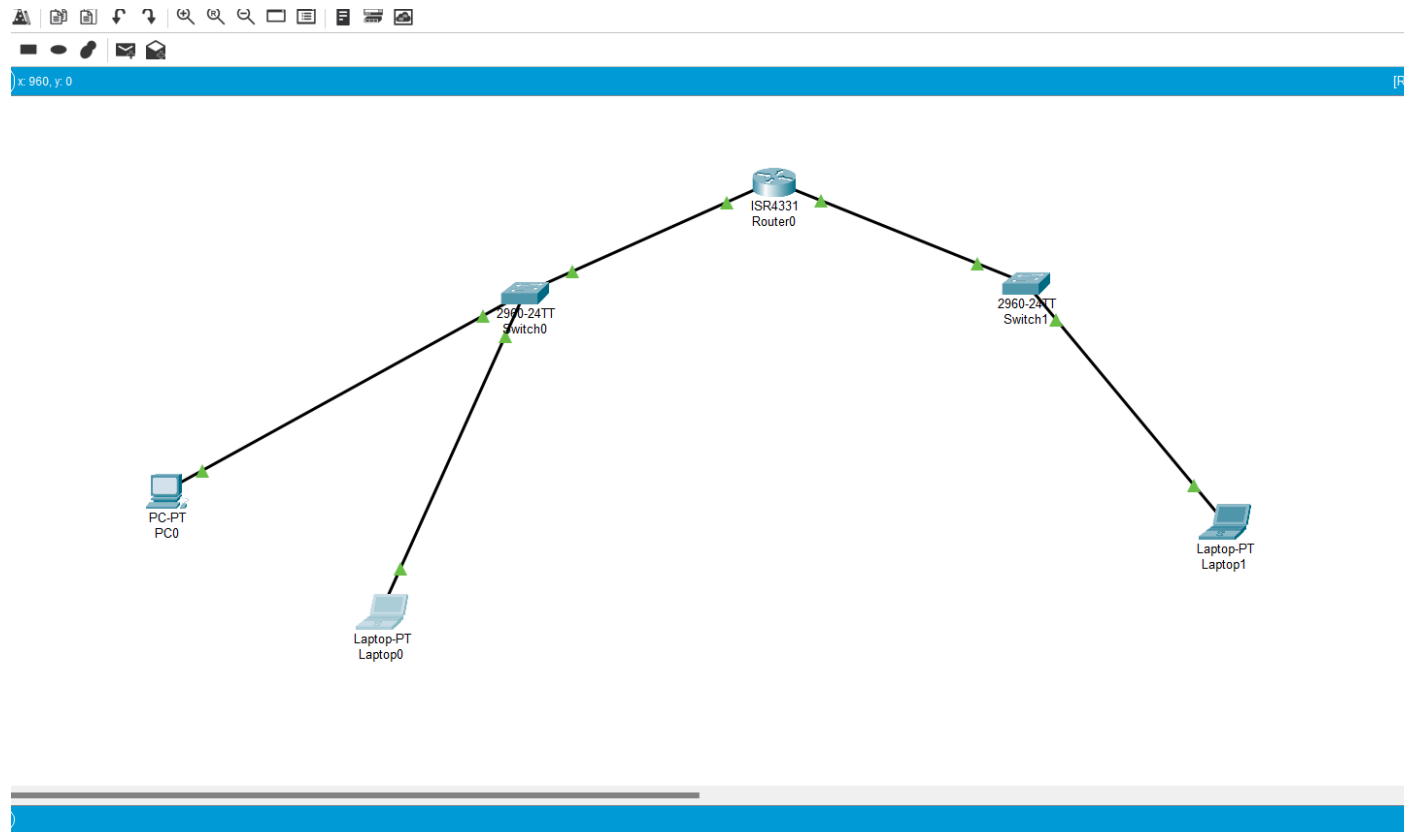
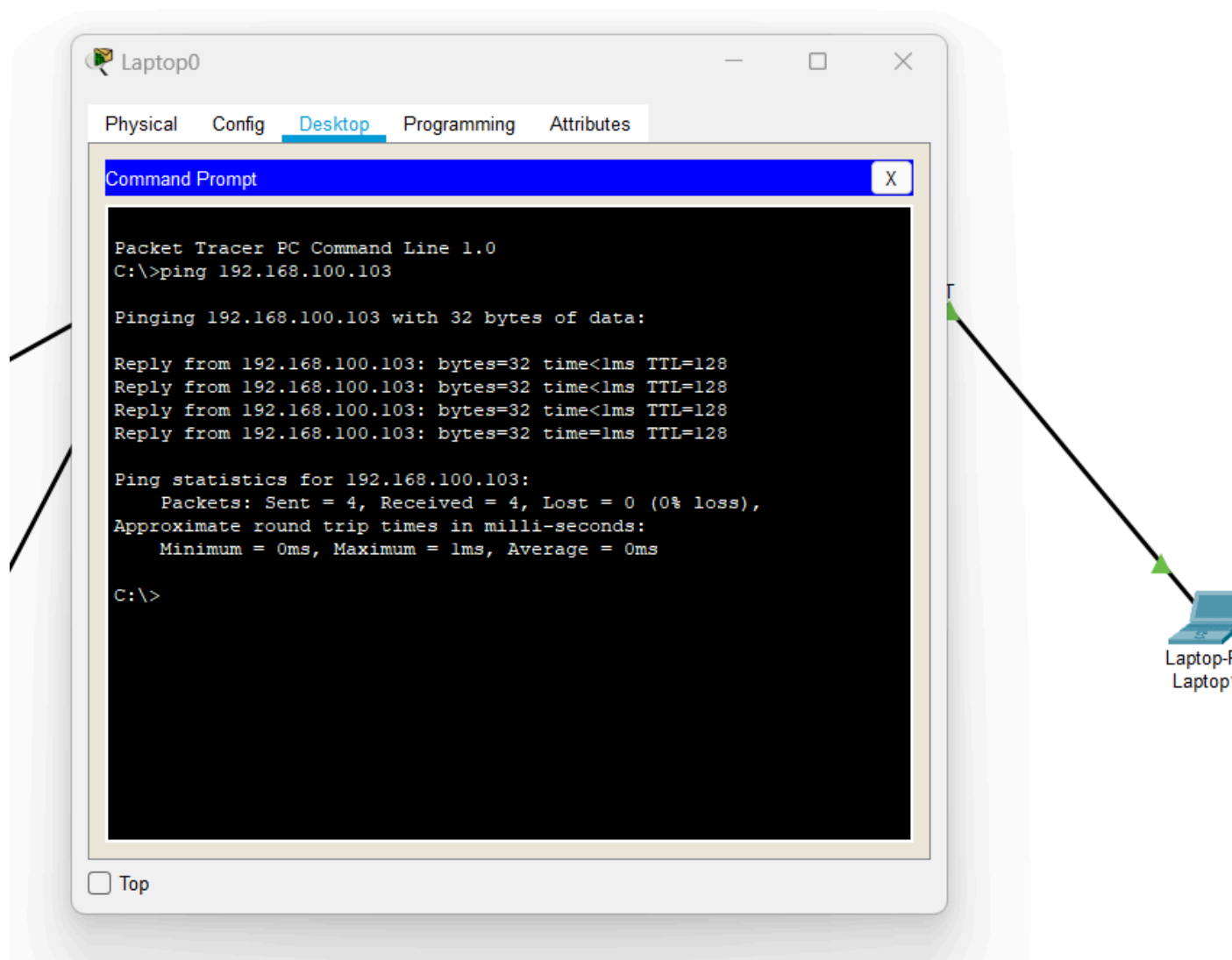


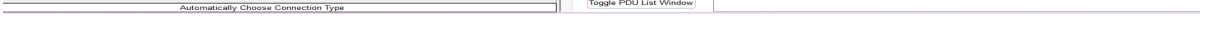
Nadir - Cisco Packet Tracer

Ho installato Packet Tracer e inserito gli elementi necessari



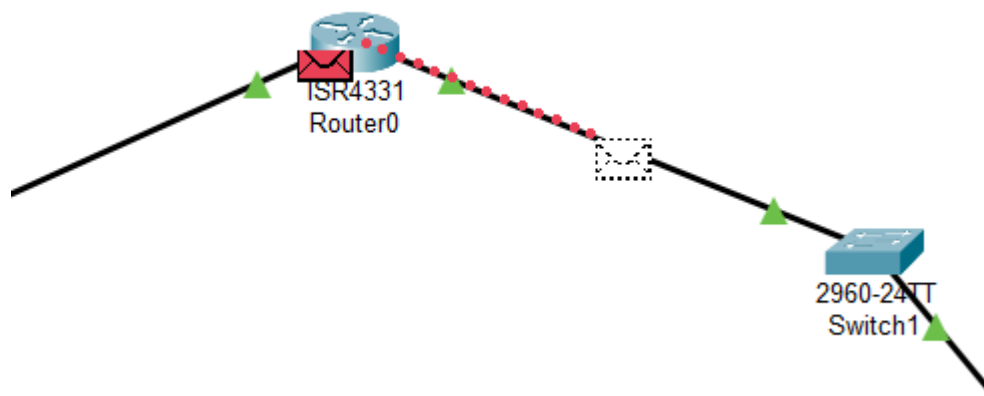
Primo PING - con PC0 che condivide la stessa interfaccia di rete, con gateway 192.168.100.1





Il pacchetto percorre le seguenti tappe

[Root]				
Simulation Panel				
Event List				
Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	Laptop0	ICMP
	0.001	Laptop0	Switch0	ICMP
	0.002	Switch0	Router0	ICMP
Visible	0.003	Router0	Switch1	ICMP
	0.004	Switch1	Laptop1	ICMP
	0.005	Laptop1	Switch1	ICMP
	0.006	Switch1	Router0	ICMP
	0.007	Router0	Switch0	ICMP
	0.008	Switch0	Laptop0	ICMP



Nel punto Router0, Nel livello 2 del modello OSI, si vede chiaramente la commutazione dell'indirizzo MAC di destinazione da quello del Router stesso, che è la meta del pacchetto in entrata, a quello del laptop di arrivo.

PDU Information at Device: Router0

OSI Model

Inbound PDU Details

Outbound PDU Details

At Device: Router0

Source: Laptop0

Destination: 192.168.200.100

In Layers

Layer7

Layer6

Layer5

Layer4

Layer 3: IP Header Src. IP: 192.168.100.100, Dest. IP: 192.168.200.100 ICMP Message Type: 8

Layer 2: Ethernet II Header 0030.A358.D176 >> 0009.7C9B.BC01

Layer 1: Port GigabitEthernet0/0/0

Out Layers

Layer7

Layer6

Layer5

Layer4

Layer 3: IP Header Src. IP: 192.168.100.100, Dest. IP: 192.168.200.100 ICMP Message Type: 8

Layer 2: Ethernet II Header 0009.7C9B.BC02 >> 0006.2A6C.A4B0

Layer 1: Port(s): GigabitEthernet0/0/1

1. GigabitEthernet0/0/0 receives the frame.

Challenge Me

<< Previous Layer

Next Layer >>