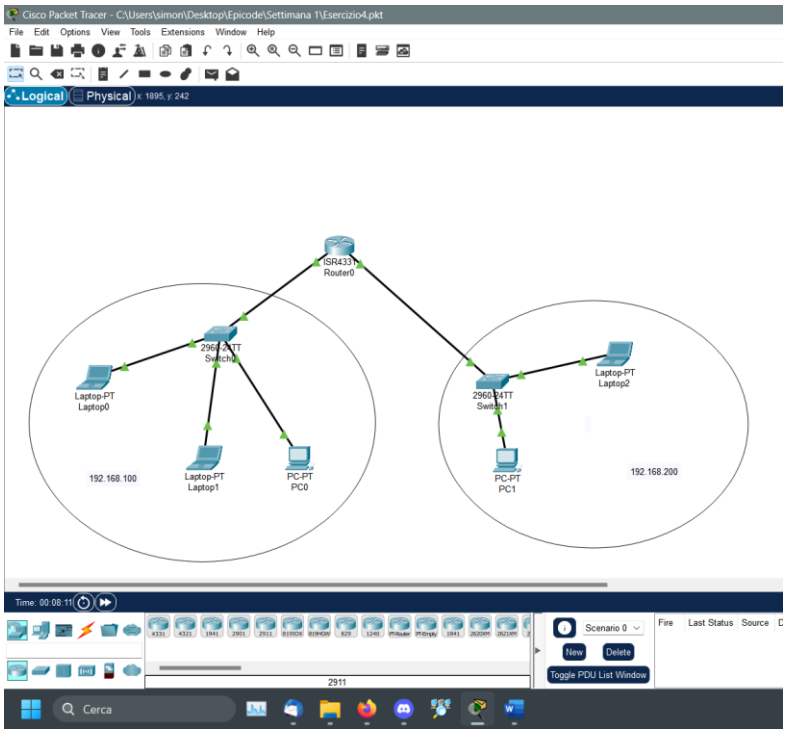
Packet Tracer – configurazione reti

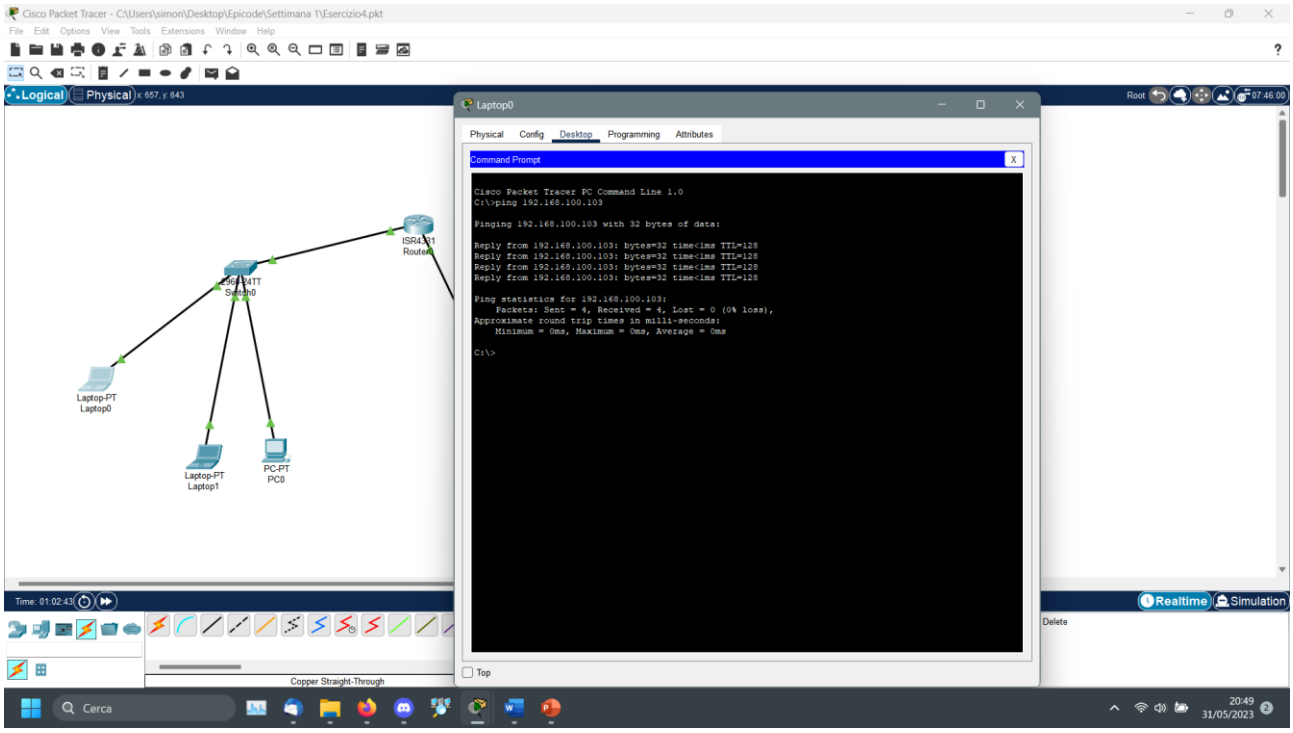



```
Device Name: Laptop0
Device Model: Laptop-PT

Port            Link   IP Address          IPv6 Address                              MAC Address
FastEthernet0   Up     192.168.100.100/24 <not set>                                 0050.0FA9.B798
Bluetooth       Down   <not set>          <not set>                                 0010.1125.84D1

Gateway: 192.168.100.105
DNS Server: <not set>
Line Number:  <not set>

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

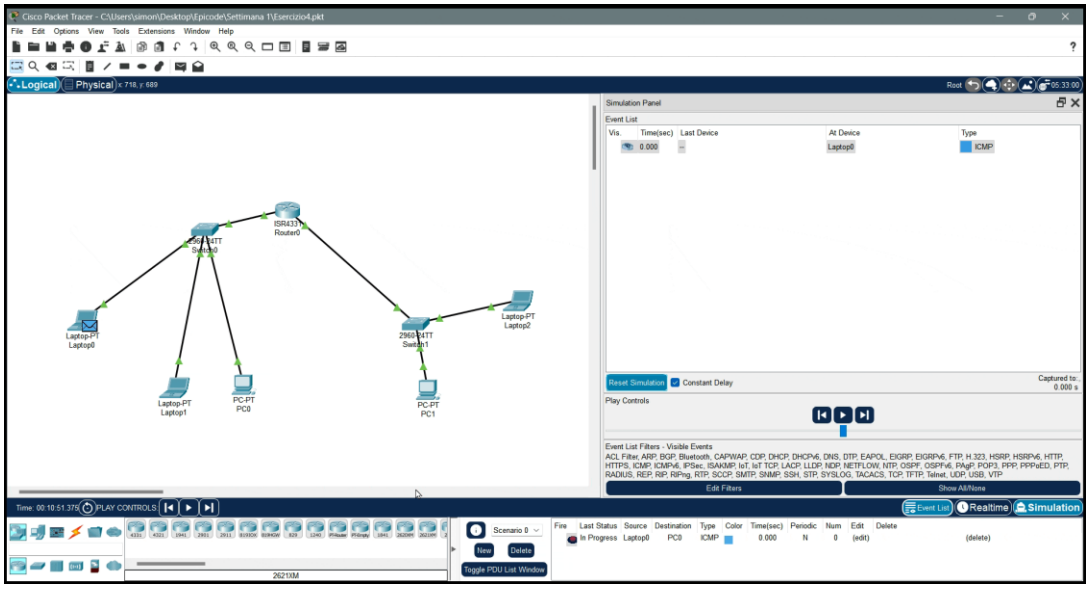
```
Device Name: PC0
Device Model: PC-PT

Port            Link   IP Address          IPv6 Address                              MAC Address
FastEthernet0   Up     192.168.100.103/24 <not set>                                 0060.3E21.3C08
Bluetooth       Down   <not set>          <not set>                                 00E0.B0A9.3712

Gateway: 192.168.100.105
DNS Server: <not set>
Line Number:  <not set>

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

```
Device Name: Laptop2
Device Model: Laptop-PT

Port            Link   IP Address          IPv6 Address                              MAC Address
FastEthernet0   Up     192.168.200.100/24 <not set>                                 0060.3E9D.8C16
Bluetooth       Down   <not set>          <not set>                                 0010.11C5.7318

Gateway: 192.168.200.105
DNS Server: <not set>
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop2
```

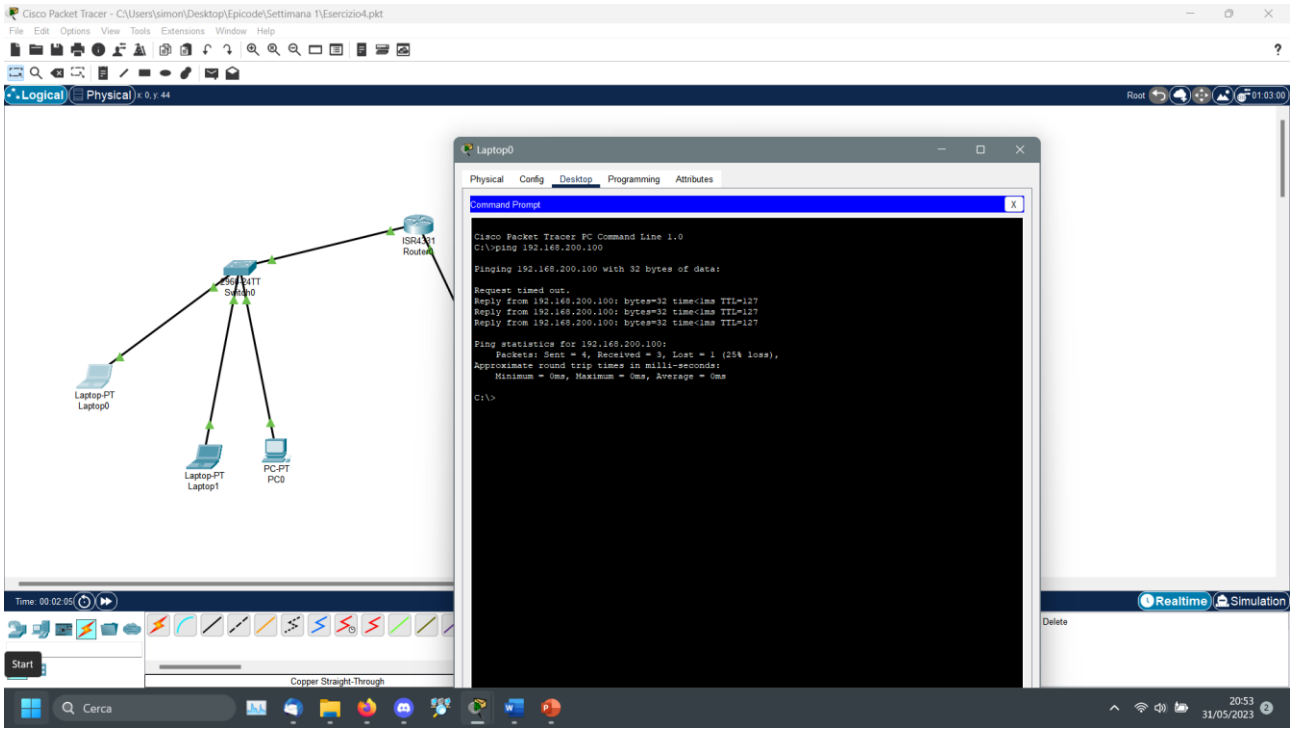
Comunicazione Laptop-PT-Laptop0 192.168.100.100 – PC-PT-PC0 192.168.100.103



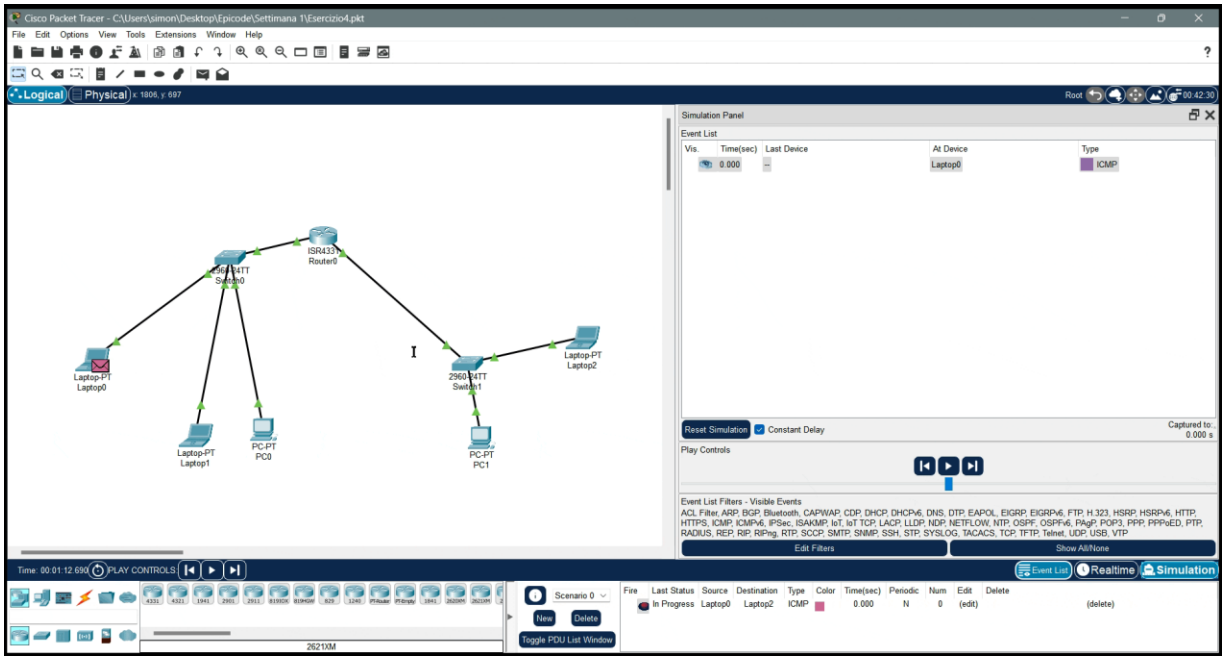
Link alla simulazione



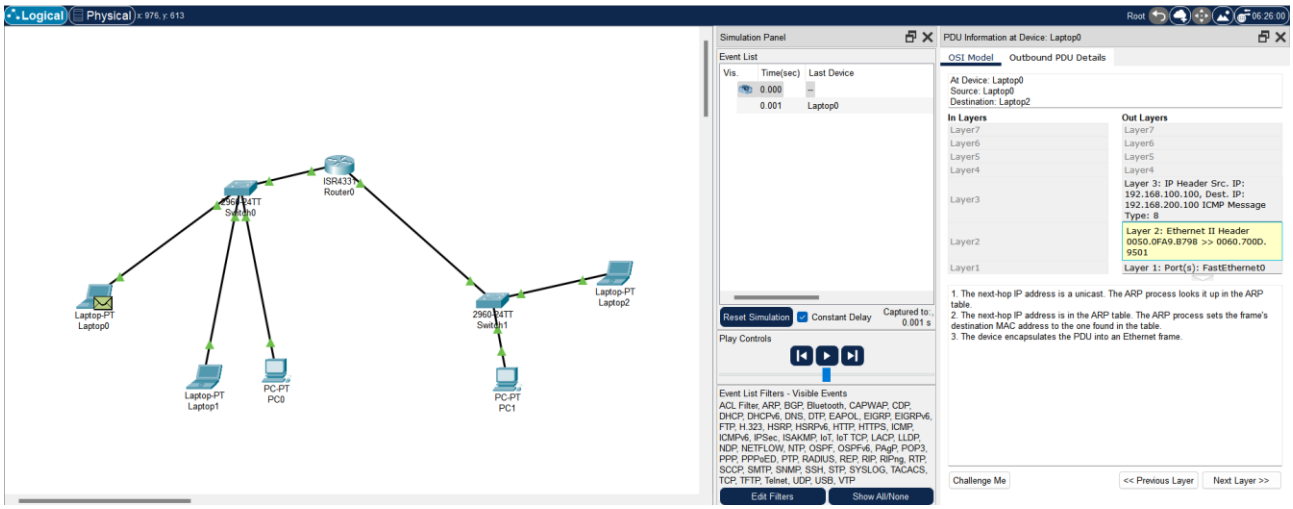
Comunicazione Laptop-PT-Laptop0 192.168.100.100 - Laptop-PT-Laptop2 192.168.200.100

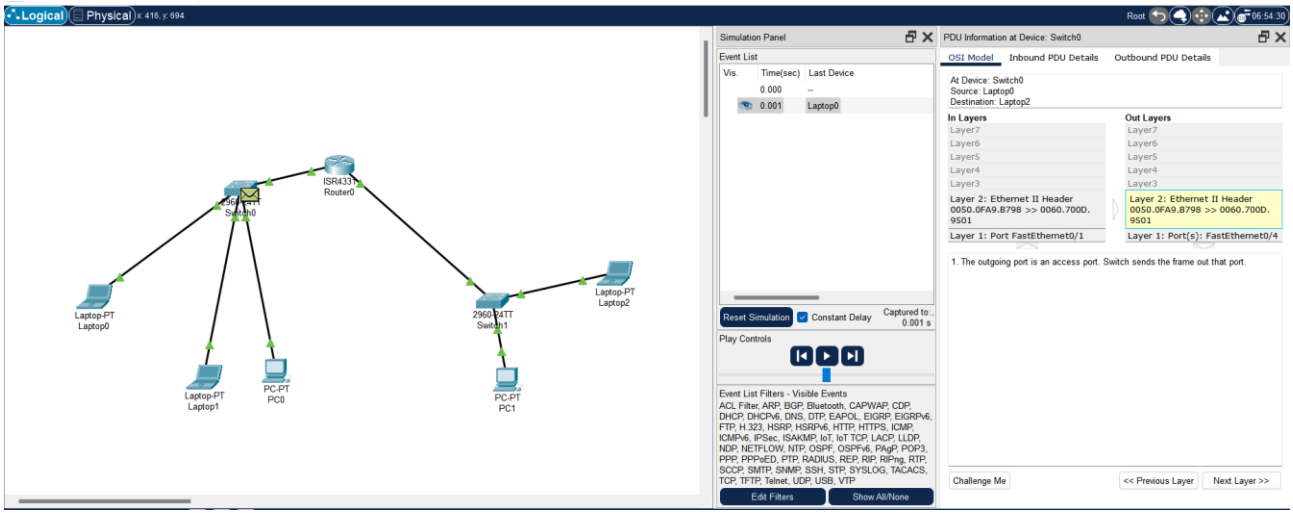


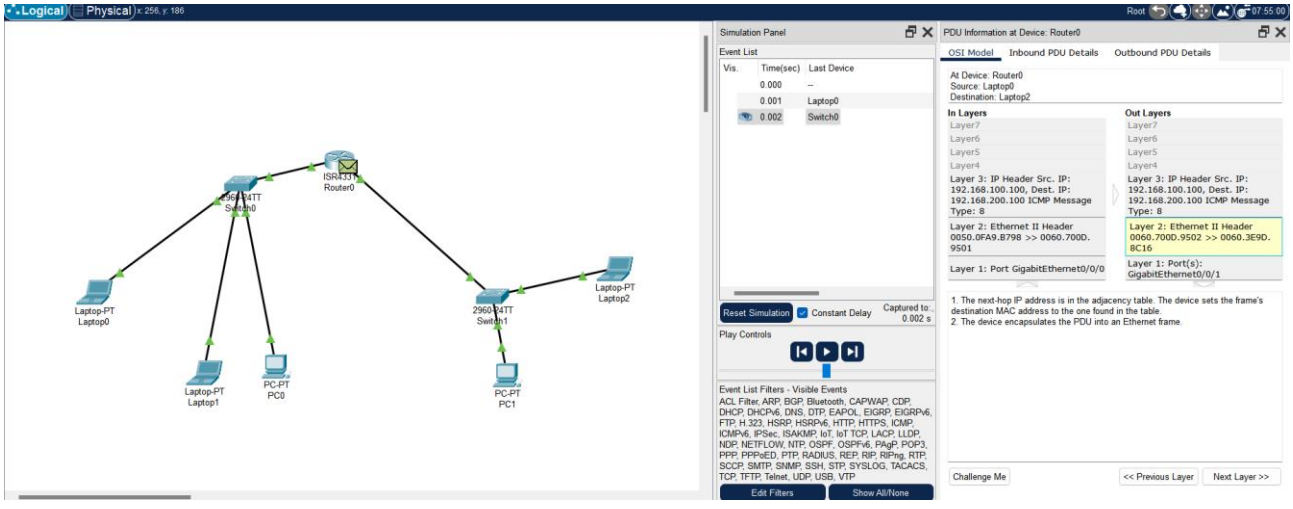
Link alla simulazione

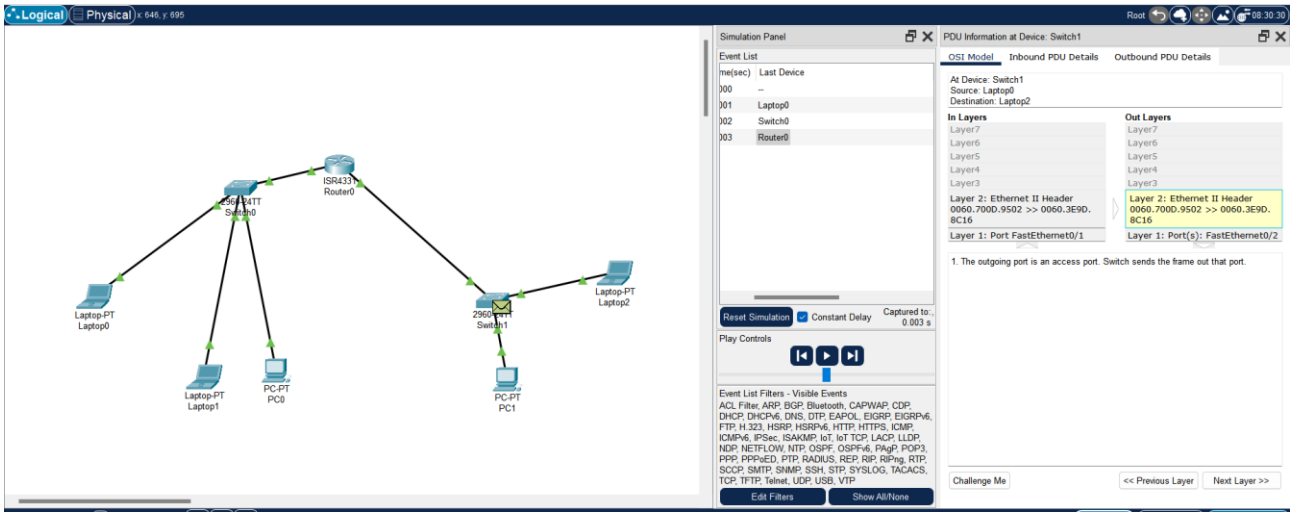


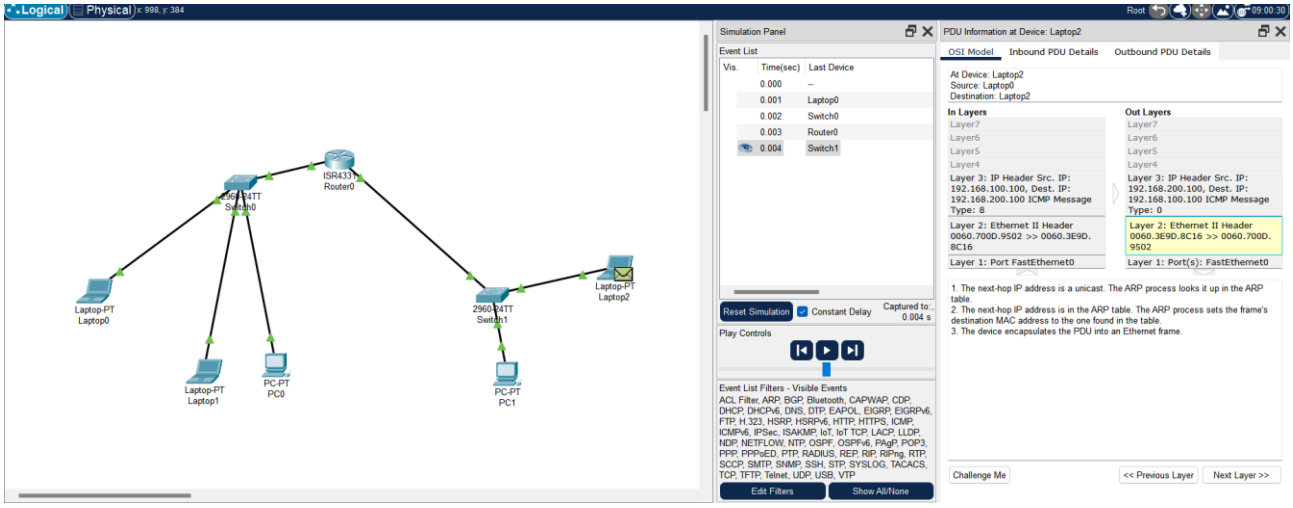
Invio pacchetto da Laptop-PT-Laptop0 a Laptop-PT-Laptop2








Logical
Physical
x: 646, y: 695
Root
08:30:30
ISR4331
Router0
2960-24TT
Switch0
Laptop-PT
Laptop0
Laptop-PT
Laptop1
PC-PT
PC0
2960-24TT
Switch1
PC-PT
PC1
Laptop-PT
Laptop2
Simulation Panel
Event List
me(sec) Last Device
00 --
01 Laptop0
02 Switch0
03 Router0
Reset Simulation
Constant Delay
Captured to:
0.003 s
Play Controls
Event List Filters - Visible Events
ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPSec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoED, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP
Edit Filters
Show All/None
PDU Information at Device: Switch1
OSI Model
Inbound PDU Details
Outbound PDU Details
At Device: Switch1
Source: Laptop0
Destination: Laptop2
In Layers
Out Layers
Layer7
Layer6
Layer5
Layer4
Layer3
Layer 2: Ethernet II Header 0060.700D.9502 >> 0060.3E9D.8C16
Layer 1: Port FastEthernet0/1
Layer 2: Ethernet II Header 0060.700D.9502 >> 0060.3E9D.8C16
Layer 1: Port(s): FastEthernet0/2
1. The outgoing port is an access port. Switch sends the frame out that port.
Challenge Me
<< Previous Layer
Next Layer >>


Logical
Physical
x: 998, y: 384
Root
09:00:30
ISR4331
Router0
2960-24TT
Switch0
Laptop-PT
Laptop0
Laptop-PT
Laptop1
PC-PT
PC0
2960-24TT
Switch1
PC-PT
PC1
Laptop-PT
Laptop2
Simulation Panel
Event List
Vis. Time(sec) Last Device
0.000 --
0.001 Laptop0
0.002 Switch0
0.003 Router0
0.004 Switch1
Reset Simulation
Constant Delay
Captured to:
0.004 s
Play Controls
Event List Filters - Visible Events
ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPSec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoED, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP
Edit Filters
Show All/None
PDU Information at Device: Laptop2
OSI Model
Inbound PDU Details
Outbound PDU Details
At Device: Laptop2
Source: Laptop0
Destination: Laptop2
In Layers
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 0060.700D.9502 >> 0060.3E9D.8C16
Layer 1: Port FastEthernet0
Layer 3: IP Header Src. IP: 192.168.200.100, Dest. IP: 192.168.100.100 ICMP Message Type: 0
Layer 2: Ethernet II Header 0060.3E9D.8C16 >> 0060.700D.9502
Layer 1: Port(s): FastEthernet0
1. The next-hop IP address is a unicast. The ARP process looks it up in the ARP table
2. The next-hop IP address is in the ARP table. The ARP process sets the frame's destination MAC address to the one found in the table.
3. The device encapsulates the PDU into an Ethernet frame.
Challenge Me
<< Previous Layer
Next Layer >>