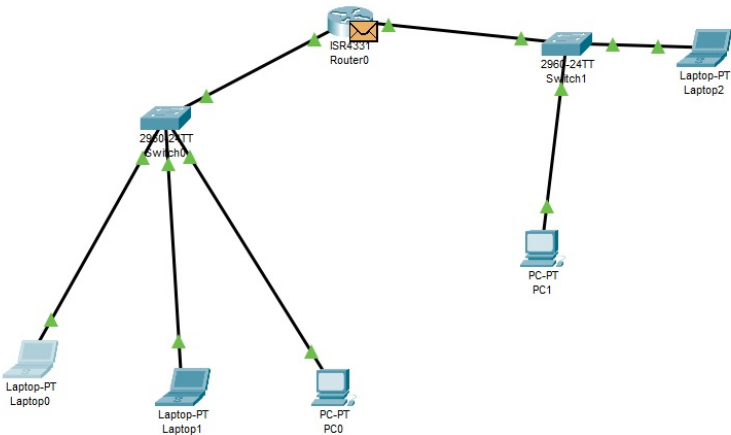


Cisco Packet Tracer - C:\Users\Mic\Cisco Packet Tracer 8.2.1\saves\ESRETI.pkt
File Edit Options View Tools Extensions Window Help

Logical Physical x: 902, y: 732



```
graph TD
    Router0[ISR4331 Router0] --- Switch0[2960-24TT Switch0]
    Router0 --- Switch1[2960-24TT Switch1]
    Switch0 --- Laptop0[Laptop-PT Laptop0]
    Switch0 --- Laptop1[Laptop-PT Laptop1]
    Switch0 --- PC0[PC-PT PC0]
    Switch1 --- Laptop2[Laptop-PT Laptop2]
    Switch1 --- PC1[PC-PT PC1]
```

Laptop0

Physical Config Desktop Programming Attributes

Command Prompt

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.200.100

Pinging 192.168.200.100 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.200.100:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

Control-C
~C
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=12ms TTL=127

Ping statistics for 192.168.200.100:
Packets: Sent = 2, Received = 1, Lost = 1 (50% loss),
Approximate round trip times in milli-seconds:
Minimum = 12ms, Maximum = 12ms, Average = 12ms

Control-C
~C
C:\>

☐ Top

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	--	Laptop0
	0.001	Laptop0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	Laptop2
	0.008	--	Laptop2
	0.009	Laptop2	Switch1
	0.010	Switch1	Router0
	0.011	Router0	Switch0
	0.012	Switch0	Laptop0
	1.012	--	Laptop0
	1.013	Laptop0	Switch0
	1.014	Switch0	Router0

Reset Simulation

☒ Constant Delay

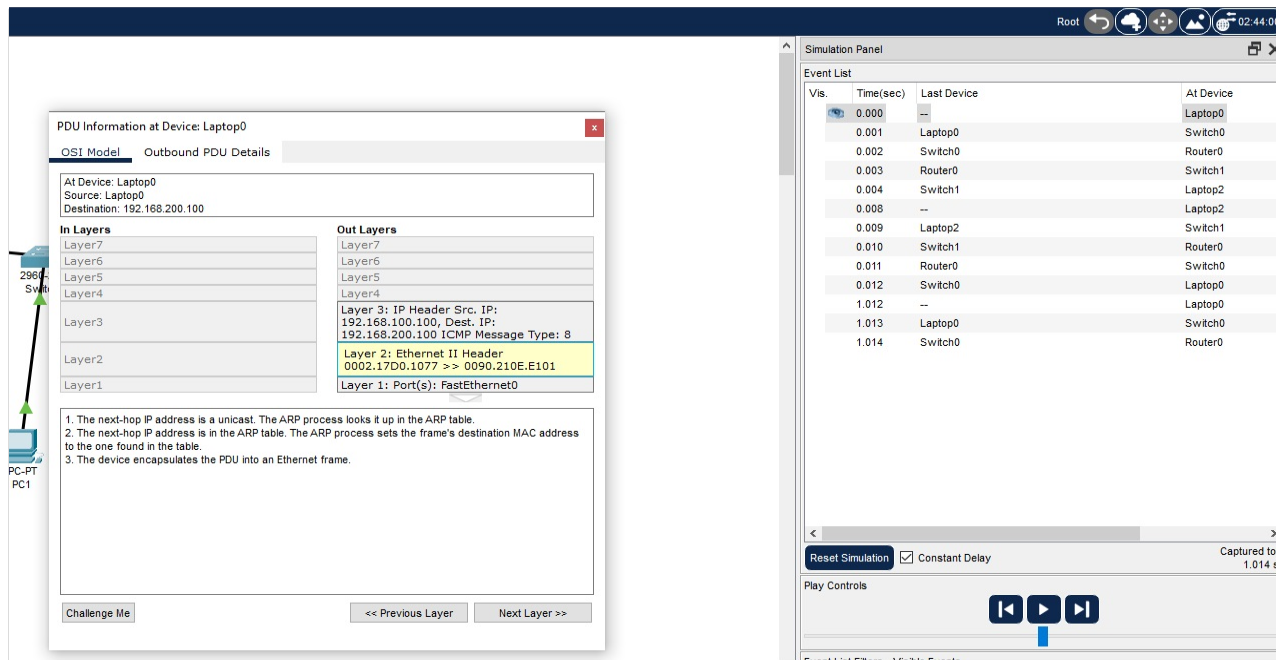
Captured to: 1.014 s

Play Controls

Event List Filters - Visible Events

ACL Filter, Bluetooth, CAPWAP, CDP, DHCPv6, DTP, EAPOL, EIGRPv6, FTP, H.323, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NDP, NETFLOW, NTP, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None



PDU Information at Device: Laptop0

OSI Model Outbound PDU Details

At Device: Laptop0
Source: Laptop0
Destination: 192.168.200.100

In Layers

- Layer7
- Layer6
- Layer5
- Layer4
- Layer3
- Layer2
- Layer1

Out Layers

- Layer7
- Layer6
- Layer5
- Layer4
- Layer3: IP Header Src. IP: 192.168.100.100, Dest. IP: 192.168.200.100 ICMP Message Type: 8
- Layer 2: Ethernet II Header 0002.17D0.1077 >> 0090.210E.E101
- 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 >>

Simulation Panel

Event List

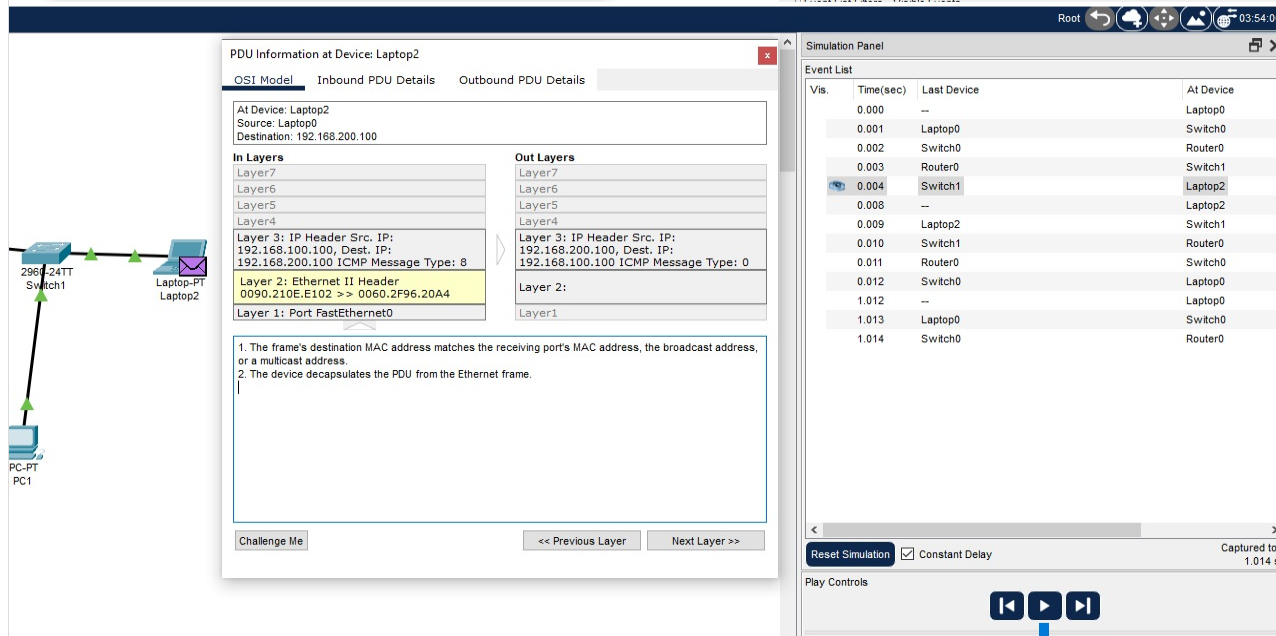
Vis.	Time(sec)	Last Device	At Device
	0.000	--	Laptop0
	0.001	Laptop0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	Laptop2
	0.008	--	Laptop2
	0.009	Laptop2	Switch1
	0.010	Switch1	Router0
	0.011	Router0	Switch0
	0.012	Switch0	Laptop0
	1.012	--	Laptop0
	1.013	Laptop0	Switch0
	1.014	Switch0	Router0

Reset Simulation ☒ Constant Delay Captured to: 1.014 s

Play Controls

02:44:00

Pacchetto ping in partenza da Laptop 0



PDU Information at Device: Laptop2

OSI Model Inbound PDU Details Outbound PDU Details

At Device: Laptop2
Source: Laptop0
Destination: 192.168.200.100

In Layers

- Layer7
- Layer6
- Layer5
- Layer4
- Layer3: IP Header Src. IP: 192.168.100.100, Dest. IP: 192.168.200.100 ICMP Message Type: 8
- Layer 2: Ethernet II Header 0090.210E.E102 >> 0060.2F96.20A4
- Layer 1: Port FastEthernet0

Out Layers

- Layer7
- Layer6
- Layer5
- Layer4
- Layer3: IP Header Src. IP: 192.168.200.100, Dest. IP: 192.168.100.100 ICMP Message Type: 0
- Layer 2:
- Layer1

1. The frame's destination MAC address matches the receiving port's MAC address, the broadcast address, or a multicast address.
2. The device decapsulates the PDU from the Ethernet frame.

Challenge Me << Previous Layer Next Layer >>

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	--	Laptop0
	0.001	Laptop0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	Laptop2
	0.008	--	Laptop2
	0.009	Laptop2	Switch1
	0.010	Switch1	Router0
	0.011	Router0	Switch0
	0.012	Switch0	Laptop0
	1.012	--	Laptop0
	1.013	Laptop0	Switch0
	1.014	Switch0	Router0

Reset Simulation ☒ Constant Delay Captured to: 1.014 s

Play Controls

03:54:00

Pacchetto in Arrivo a Laptop 1