

PING tra laptop0 e PC0

The network topology shows a central 2961-XTT Switch connected to an SR4331 Router0. The switch is also connected to three other devices: Laptop-PT Laptop0, Laptop-PT Laptop1, and PC-PT PC0. The router is connected to a 2960-XTT Switch0, which is in turn connected to Laptop-PT Laptop2 and PC-PT PC1. The simulation panel on the right displays the Event List for the selected ping command.

Vis	Time(sec)	Last Device	At Device	Type
	0.000	--	Laptop0	ICMP
	0.001	Laptop0	Switch0	ICMP
	0.003	Switch0	PC0	ICMP
	0.004	PC0	Switch0	ICMP
	0.006	Switch0	Laptop0	ICMP

Simulation Panel controls: Reset Simulation, Constant Delay, Captured to: 0.006 s. Play Controls: [Previous] [Play] [Next]. 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP. Edit Filters, Show All/None. Scenario 0: New, Delete, Toggle PDU List Window. Fire: Last Status, Source, Destination, Type, Color, Time(sec), Periodic, Num, Edit, Delete. Successful, Laptop0, PC0, ICMP, 0.000, N, 0, (edit), (delete). Passa a Impostazioni per attivare Windows.

PING tra laptop0 e laptop2

The network topology is identical to the first screenshot. The simulation panel on the right displays the Event List for a ping command from Laptop0 to Laptop2.

Vis	Time(sec)	Last Device	At Device	Type
	0.000	--	Laptop0	ICMP
	0.003	Laptop0	Switch0	ICMP
	0.005	Switch0	Router0	ICMP
	0.007	Router0	Switch1	ICMP
	0.009	Switch1	Laptop2	ICMP
	0.010	Laptop2	Switch1	ICMP
	0.012	Switch1	Router0	ICMP
	0.015	Router0	Switch0	ICMP
	0.017	Switch0	Laptop0	ICMP

Simulation Panel controls: Reset Simulation, Constant Delay, Captured to: 0.017 s. Play Controls: [Previous] [Play] [Next]. 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP. Edit Filters, Show All/None. Scenario 0: New, Delete, Toggle PDU List Window. Fire: Last Status, Source, Destination, Type, Color, Time(sec), Periodic, Num, Edit, Delete. Successful, Laptop0, Laptop2, ICMP, 0.000, N, 0, (edit), (delete). Passa a Impostazioni per attivare Windows.

CAMBIO MAC ADRESS

- da switch0 a router

PDU Information at Device: Router0

[OSI Model](#)
Inbound PDU Details
Outbound PDU Details

At Device: Router0
Source: Laptop0
Destination: Laptop2

In Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 192.168.100.100, Dest. IP: 192.168.200.102 ICMP Message Type: 8
Layer 2: Ethernet II Header 00E0.8F36.C08B >> 000C.CF10.0E53
Layer 1: Port GigabitEthernet0/0/0

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 192.168.100.100, Dest. IP: 192.168.200.102 ICMP Message Type: 8
Layer 2: Ethernet II Header 0050.0F35.8502 >> 0040.0BE4.3C10
Layer 1: Port(s): GigabitEthernet0/0/1

1. GigabitEthernet0/0/0 receives the 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
	0.003	Switch0	Router0
	0.005	Router0	Switch1
	0.007	Switch1	Laptop2
	0.009	Laptop2	Switch1
	0.011	Switch1	Router0
	0.012	Router0	Switch0
	0.014	Switch0	Laptop0

Reset Simulation
☐ Constant Delay
Captured to: 0.014 s

Play Controls

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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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters
Show All/None

- da switch1 a laptop2

PDU Information at Device: Laptop2

[OSI Model](#)
Inbound PDU Details
Outbound PDU Details

At Device: Laptop2
Source: Laptop0
Destination: Laptop2

In Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 192.168.100.100, Dest. IP: 192.168.200.102 ICMP Message Type: 8
Layer 2: Ethernet II Header 0050.0F35.8502 >> 0040.0BE4.3C10
Layer 1: Port FastEthernet0

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 192.168.200.102, Dest. IP: 192.168.100.100 ICMP Message Type: 0
Layer 2: Ethernet II Header 0040.0BE4.3C10 >> 0050.0F35.8502
Layer 1: Port(s): FastEthernet0

1. FastEthernet0 receives the 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
	0.003	Switch0	Router0
	0.005	Router0	Switch1
	0.007	Switch1	Laptop2
	0.009	Laptop2	Switch1
	0.011	Switch1	Router0
	0.012	Router0	Switch0
	0.014	Switch0	Laptop0

Reset Simulation
☐ Constant Delay
Captured to: 0.014 s

Play Controls

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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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters
Show All/None