

L'invio del pacchetto dal laptop0 al pc0 è avvenuto con successo

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1518, y: 683

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
0.000	--	
0.001	Laptop0	
0.002	Switch0	
0.003	PC0	
Visible 0.004	Switch0	

Reset Simulation ☒ Constant Delay Captured to: 0.004 s

Play Controls

Event List Filters - Visible Events

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

Edit Filters Show All/None

Time: 00:19:04.062 PLAY CONTROLS

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)	

Automatically Choose Connection Type

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1391, y: 733

Root 21:06:30

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.000	--
	0.001	Laptop0
	0.002	Switch0
	0.003	Router0
	0.004	Switch1
	0.005	Laptop2
	0.006	Switch1
	0.007	Router0
Visible	0.008	Switch0

Reset Simulation ☒ Constant Delay Captured to: 0.008 s

Play Controls

Event List Filters - Visible Events

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

Edit Filters Show All/None

Time: 00:19:14.059 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

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

Automatically Choose Connection Type

Anche l'invio del pacchetto dal laptop0 al laptop2 tramite router è avvenuto con successo

Information at Device: Laptop0

Outbound PDU Details

At Device: Laptop0
Source: Laptop0
Destination: Laptop2

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 192.168.100.101, Dest. IP: 192.168.200.101 ICMP Message Type: 8
Layer 2: Ethernet II Header 0060.5CEE.C9A9 >> 0060.7065.C901
Layer 1: Port(s): FastEthernet0

ping process starts the next ping request.
ping process creates an ICMP Echo Request message and sends it to the lower process.
Source IP address is not specified. The device sets it to the port's IP address.
Device sets TTL in the packet header.
Destination IP address 192.168.200.101 is not in the same subnet and is not the broadcast address.
Default gateway is set. The device sets the next-hop to default gateway.

<< Previous Layer Next Layer >>

Cambiamenti di source e destination ip e mac durante l'invio del pacchetto ICMP

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: 192.168.100.101, Dest. IP: 192.168.200.101 ICMP Message Type: 8
Layer 2: Ethernet II Header 0060.7065.C902 >> 0001.96C6.9EA0
Layer 1: Port FastEthernet0

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 192.168.200.101, Dest. IP: 192.168.100.101 ICMP Message Type: 0
Layer 2: Ethernet II Header 0001.96C6.9EA0 >> 0060.7065.C902
Layer 1: Port(s): FastEthernet0

1. FastEthernet0 receives the frame.

Challenge Me << Previous Layer Next Layer >>

PDU Information at Device: Laptop0

OSI Model Inbound PDU Details

At Device: Laptop0
Source: Laptop0
Destination: Laptop2

In Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 192.168.200.101, Dest. IP: 192.168.100.101 ICMP Message Type: 0
Layer 2: Ethernet II Header 0060.7065.C901 >> 0060.5CEE.C9A9
Layer 1: Port FastEthernet0

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer2
Layer1

1. FastEthernet0 receives the frame.

Challenge Me << Previous Layer Next Layer >>