

Cisco Packet Tracer - C:\Users\Mohit\Desktop\CN practicals\ARP EXP 1.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1190, y: 079

PDU Information at Device: Laptop0

OSI Model Outbound PDU Details

At Device: Laptop0
Source: Laptop0
Destination: Broadcast

In Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer2
Layer1

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer2
Layer1

Layer 2: Ethernet II Header
0060.2F2B.B50D >> FFFF.FFFF.FFFF ARP
Packet Src. IP: 10.1.2.3, Dest. IP: 10.2.3.4
Layer 1: Port(s): FastEthernet0

1. The ARP process constructs a request for the target IP address.
2. The device encapsulates the PDU into an Ethernet frame.

Challenge Me << Previous Layer Next Layer >>

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
0.000	-	-
0.000	-	-

Reset Simulation Constant Delay Captured to: 0.000 s

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTLS, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NCP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, PAgPv3, 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

Time: 00:00:36.62s PLAY CONTROLS

Scenario 0

Time Delete

Toggle PDU List Window

(Select a Device to Drag and Drop to the Workspace)

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
<input checked="" type="checkbox"/>	In Progress	Laptop0	Laptop2	ICMP		0.000	N	0	(edit)	(delete)

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 991, y: 400

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
0.000	-	-	Laptop0	ICMP
0.000	-	-	Laptop0	ARP
0.001	-	Laptop0	Switch0	ARP
0.002	-	Switch0	Laptop1	ARP
0.002	-	Switch0	Laptop2	ARP
0.003	-	Laptop2	Switch0	ARP
0.004	-	Switch0	Laptop0	ARP
0.004	-	-	Laptop0	ICMP
0.005	-	Laptop0	Switch0	ICMP
0.006	-	Switch0	Laptop2	ICMP
0.007	-	Laptop2	Switch0	ICMP
0.008	-	Switch0	Laptop0	ICMP
1.875	-	-	Switch0	STP

Reset Simulation Constant Delay Captured to: 1.875 s

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTLS, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NCP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, PAgPv3, 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

Time: 00:06:16.63s PLAY CONTROLS

Scenario 0

Time Delete

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
<input checked="" type="checkbox"/>	Successful	Laptop0	Laptop2	ICMP		0.000	N	0	(edit)	(delete)

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File Edit Options View Tools Extensions Window Help

Logical Physical x 751, y 252

Root

00:59:00

PDU Information at Device: Switch0

OST Model Inbound PDU Details Outbound PDU Details

At Device: Switch0
Source: Laptop0
Destination: Broadcast

In Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer2: Ethernet II Header
0060.2F.2B.B5D0 >> FFFF.FFFF.FFFF ARP
Packet Src. IP: 10.1.2.3, Dest. IP: 10.2.3.4
Layer 1: Port FastEthernet0/1

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer3
Layer2: Ethernet II Header
0060.2F.2B.B5D0 >> FFFF.FFFF.FFFF ARP
Packet Src. IP: 10.1.2.3, Dest. IP: 10.2.3.4
Layer 1: Port(s): FastEthernet0/2
FastEthernet0/3

1 FastEthernet0/1 receives the frame.

Challenge Me << Previous Layer Next Layer >>

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.000	-
	0.000	-
	0.001	Laptop0

Reset Simulation Constant Delay Captured to: 0.001 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, NCP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, PAgPv3, 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

Event List Realtime Simulation

Time: 00:00:36.62 PLAY CONTROLS

Scenario 0

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

	In Progress	Laptop0	Laptop2	ICMP		0.000	N	0	(edit)	(delete)
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Toggle PDU List Window

(Select a Device to Drag and Drop to the Workspace)