

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical v. 39, y. 26

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.000	—
	0.000	—
	0.000	—
	0.000	—
	0.000	—
	0.001	PC0
	0.001	PC2
	0.001	PC3
	0.001	PC4
	0.001	PC5
	0.001	PC6

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, 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

Time: 00:12:07.429 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Nbr	Edit	Delete
	In Progress	PC0	PC1	ICMP		0.000	N	0	(edit)	(delete)
	In Progress	PC2	PC3	ICMP		0.000	N	1	(edit)	(delete)
	In Progress	PC3	PC4	ICMP		0.000	N	2	(edit)	(delete)
	In Progress	PC4	PC5	ICMP		0.000	N	3	(edit)	(delete)

Automatically Choose Connection Type

23°C Mostly clear

Search

ENG IN

13:50 09-02-2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical Mode (Shift+P)

ARP Table for Server0

IP Address	Hardware Address	Interface
192.16...	00D0.58...	FastEth...

ARP Table for PC3

IP Address	Hardware Address	Interface
192.16...	000A.41E3.013C	FastEth...

ARP Table for PC1

IP Address	Hardware Address	Interface
172.45...	0011.C7...	FastEth...

ARP Table for PC2

IP Address	Hardware Address	Interface
172.45.18.3	0060.7049.A736	Fas...

Time: 00:20:30

Scenario 0

Fire

Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	Server0	PC3	ICMP		0.000	N	9	(edit)	(delete)
Successful	PC2	PC1	ICMP		0.000	N	10	(edit)	(delete)
Successful	Server0	PC3	ICMP		0.000	N	11	(edit)	(delete)

ENG IN 15:24 12-02-2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 1562 p 358

```
graph TD; S[Switch-0] --- PC0[PC0 172.132.18.2]; S --- PC1[PC1 172.132.18.6]; S --- PC2[PC2 172.132.18.4]; S --- PC3[PC3 172.132.18.3]; S --- PC4[PC4 172.132.18.3]; S --- PC5[PC5 172.132.18.5]; S --- PC6[PC6 172.132.18.7]; S --- PC7[PC7 172.132.18.1];
```

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	8.995	Switch0
	10.660	—
	10.661	Switch0
	10.994	—
	10.995	Switch0
	10.995	Switch0
	10.995	Switch0
	10.995	Switch0
	10.995	Switch0
	10.995	Switch0
	10.995	Switch0

Reset Simulation Constant Delay Captured to: 12.994 s

Play Controls

Go Back to Previous Event (Alt + B)

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, ISM, 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	Nbr	Edit	Delete
	Successful	PC7	PC5	ICMP	Blue	0.000	N	0	(edit)	(delete)
	Successful	PC0	PC1	ICMP	Green	0.000	N	1	(edit)	(delete)
	Successful	PC4	PC2	ICMP	Red	0.000	N	2	(edit)	(delete)
	Successful	PC2	PC5	ICMP	Yellow	0.000	N	3	(edit)	(delete)

Time: 00:20:38.633 PLAY CONTROLS

30°C Haze

Search

ENG IN 17:47 09-02-2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 179% y 791

```
graph TD; Hub2[Hub2] --- PC4[PC4]; Hub2 --- PC5[PC5]; Hub2 --- PC6[PC6]; Hub2 --- PC7[PC7];
```

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.000	—
	0.000	—
	0.000	—
	0.000	—
	0.001	PC4
	0.001	PC5
	0.001	PC7
	0.002	Hub2
	0.002	Hub2
	0.002	Hub2
	0.002	Hub2

Reset Simulation ☒ Constant Delay Captured to: 0.002 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, 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

Time: 00:21:43.301 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

Automatically Choose Connection Type

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	In Progress	PC4	PC5	ICMP	Yellow	0.000	N	0	(edit)	(delete)
	In Progress	PC5	PC5	ICMP	Red	0.000	N	1	(edit)	(delete)
	In Progress	PC7	PC5	ICMP	Brown	0.000	N	2	(edit)	(delete)

Event List Realtime Simulation

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 600, y: 631

Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/1, changed state to up
Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/1, changed state to administratively down
Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/1, changed state to up
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
Router#
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#lldp run
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
Router#sh lldp neighbor
Capability codes:
(R) Router, (B) Bridge, (T) Telephone, (C) DOCSIS Cable Device
(W) WLAN Access Point, (P) Repeater, (S) Station, (O) Other
Device ID    Local Intf  Hold-time  Capability  Port ID
Switch      Gig0/0/0   120       B           Fa0/1

Total entries displayed: 1
Router#sh lldp neighbor
Capability codes:
(R) Router, (B) Bridge, (T) Telephone, (C) DOCSIS Cable Device
(W) WLAN Access Point, (P) Repeater, (S) Station, (O) Other
Device ID    Local Intf  Hold-time  Capability  Port ID
Switch      Gig0/0/0   120       B           Fa0/1
Router      Gig0/0/1   120       R           Gig0/0/0

Total entries displayed: 2
Router#
```

Copy Paste

Time: 00:45:47

Automatically Choose Connection Type

Realtime Simulation

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 648, 1, 482

Simulation Panel

Event List

Vis	Time(sec)	Last Device
	0.000	--
	0.000	--
	0.000	--
	0.000	--
	0.000	--
	0.001	--
	0.001	PC0
	0.001	PC1
	0.001	PC2
	0.001	PC3
	0.001	--

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, LST, TCP, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPv2, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:05:42.463 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

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

In Progress		PC0	PC1	ICMP		0.000	N	0	(edit)	(delete)
In Progress		PC1	PC3	ICMP		0.000	N	1	(edit)	(delete)
In Progress		PC2	PC3	ICMP		0.000	N	2	(edit)	(delete)
In Progress		PC3	PC2	ICMP		0.000	N	3	(edit)	(delete)

Automatically Choose Connection Type

29°C Mostly clear

Search

ENG IN

13:36 09-02-2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical v. 1119.y.884

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.001	PC5
	0.001	PC1
	0.002	Switch4
	0.002	Switch3
	0.002	Switch1
	0.002	Switch2
	0.002	Switch5
	0.003	Switch0
	0.003	Switch1
	0.003	Switch2
	0.003	Switch0

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, 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	Nums	Edit	Delete
	In Progress	PC0	PC3	ICMP		0.000	N	0	(edit)	(delete)
	In Progress	PC3	PC0	ICMP		0.000	N	1	(edit)	(delete)
	In Progress	PC4	PC5	ICMP		0.000	N	2	(edit)	(delete)
	In Progress	PC5	PC4	ICMP		0.000	N	3	(edit)	(delete)

Time: 00:11:00.500 PLAY CONTROLS

28°C Mostly clear

Search

ENG IN 19:03 09-02-2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 1850 y 700

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.000	—
	0.000	—
	0.000	—
	0.001	PC0
	0.001	PC3
	0.001	PC2
	0.001	PC1
	0.002	Switch0
	0.002	Switch3
	0.002	Switch2
	0.002	Switch1

Reset Simulation Constant Delay Captured to: 0.002 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, 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	Nums	Edit	Delete
	In Progress	PC0	PC1	ICMP		0.000	N	0	(edit)	(delete)
	In Progress	PC3	PC2	ICMP		0.000	N	1	(edit)	(delete)
	In Progress	PC2	PC1	ICMP		0.000	N	2	(edit)	(delete)
	In Progress	PC1	PC0	ICMP		0.000	N	3	(edit)	(delete)

Time: 00:00:40.629 PLAY CONTROLS

23°C Mostly sunny

Search

ENG IN 13:29 09-02-2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1538 y: 274

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.095	PC0
	0.096	Switch2
	0.096	Switch1
	0.096	PC3
	0.096	Switch0
	0.097	Switch3
	0.097	Switch3
	0.097	Switch1
	0.098	Switch2
	0.098	Switch2
	0.099	Switch1
	0.010	Switch0

Reset Simulation Constant Delay Captured to 0.010 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPv2, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Event List Realtime Simulation

Scenario 0

Now Delete

Toggle PDU List Window

File	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC1	PC2	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC0	PC3	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC2	PC0	ICMP		0.000	N	2	(edit)	(delete)
	Successful	PC1	PC3	ICMP		0.000	N	3	(edit)	(delete)

Time: 00:09:12.347 PLAY CONTROLS

Automatically Choose Connection Type

29°C Mostly sunny

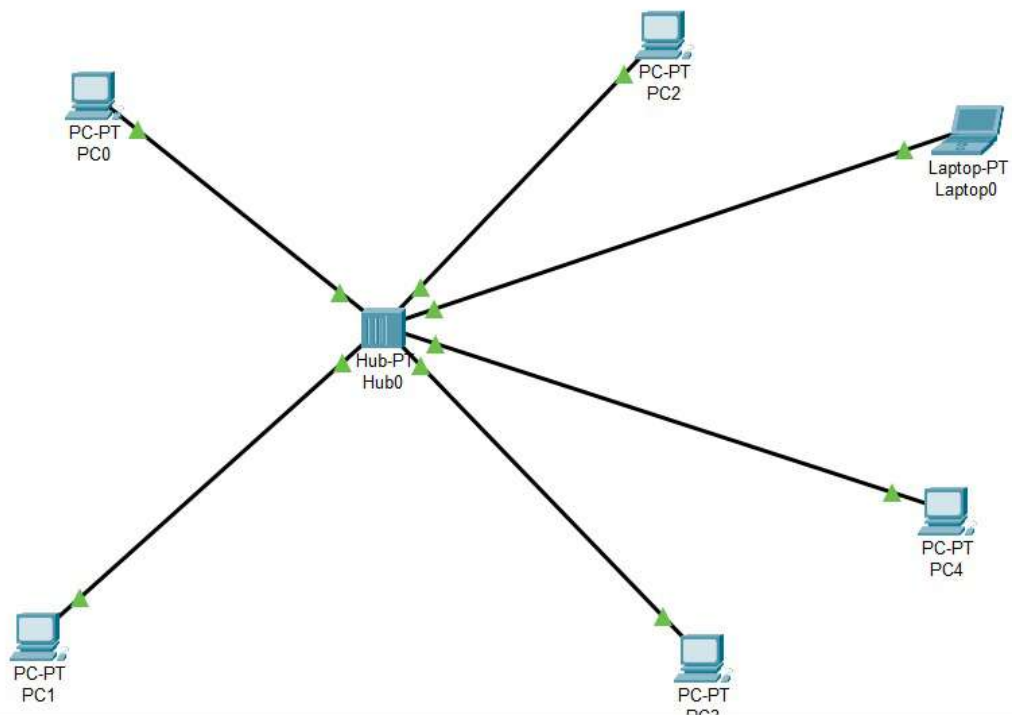
Search

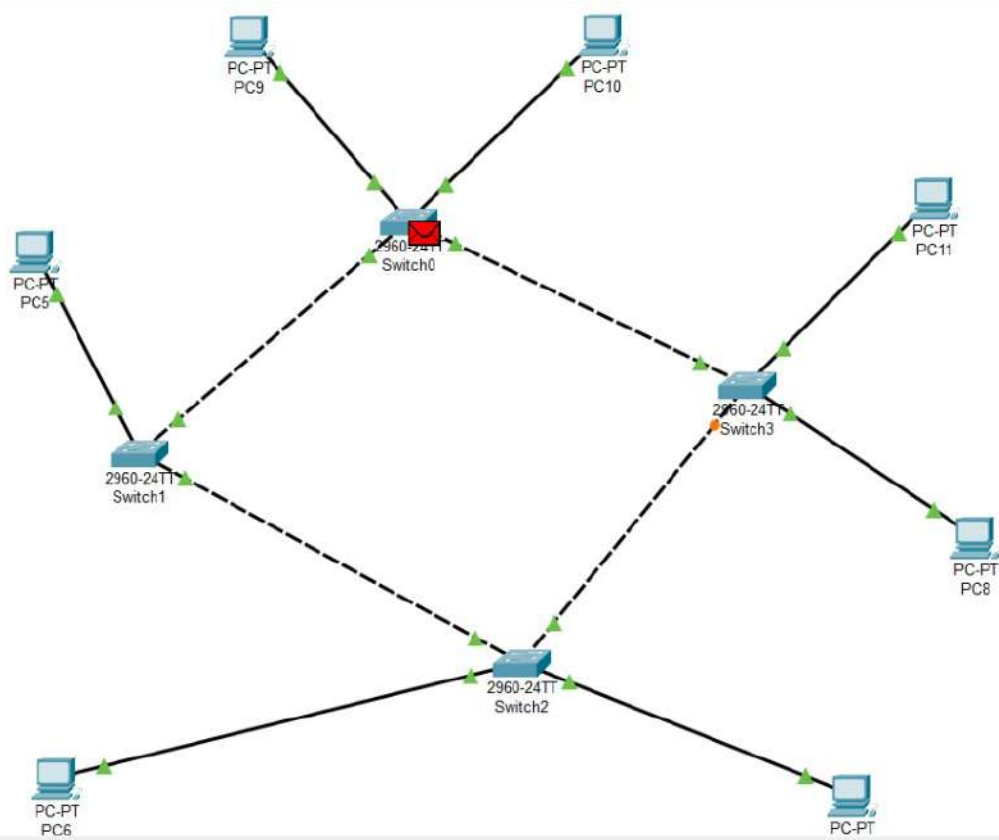
ENG IN

13:16 09-02-2025

NIRANJAN(192424028)

star topology





Cisco Packet Tracer - C:\Users\jabuab\Cisco Packet Tracer 7.3.0\saves\topology.pkt

File Edit Options View Tools Extensions Help

Logical Physical 3802 x 710

Ring Topology

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.015	Switch7	Switch5	ARP
	0.015	Switch6	Switch10	ARP
	0.015	Switch6	PC17	ARP
	0.016	Switch6	Switch10	ARP
	0.016	Switch6	PC17	ARP
	0.016	Switch5	PC12	ARP
	0.016	Switch10	PC13	ARP
	0.016	--	PC12	ICMP
	0.017	Switch10	PC13	ARP
	0.017	PC12	Switch5	ICMP
	0.018	Switch5	Switch7	ICMP
	0.019	Switch7	PC15	ICMP
	0.010	PC15	Switch7	ICMP
	0.011	Switch7	Switch5	ICMP
	0.012	Switch5	PC12	ICMP

Reset Simulation ☒ Constant Delay Captured to: 1.775 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, 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

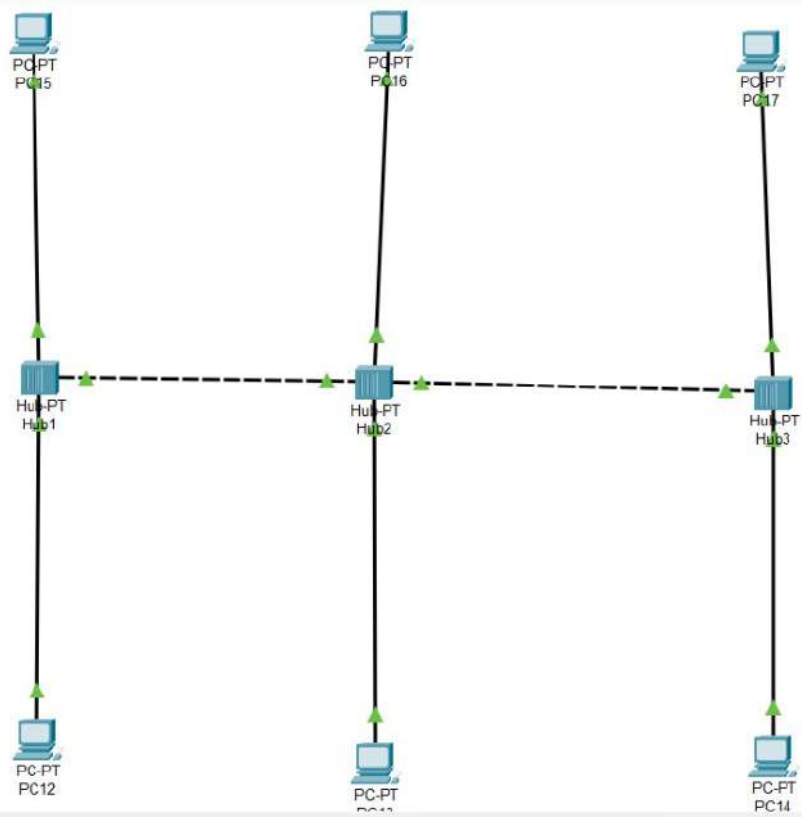
Scenario 0

New Delete

Toggle PDU List Window

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

Successful	PC12	PC15	ICMP		0.000	N	0	(edit)	(delete)
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Cisco Packet Tracer - C:\Users\jabuab\Cisco Packet Tracer 7.3.0\saves\topology.pkt

File Edit Options View Tools Extensions Help

Logical Physical x 342% y 427

MECH Topology

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.010	--	PC12	ICMP
	0.011	PC12	Switch5	ICMP
	0.012	Switch5	Switch11	ICMP
	0.013	Switch11	Switch6	ICMP
	0.014	Switch6	Switch7	ICMP
	0.015	Switch7	PC15	ICMP
	0.016	PC15	Switch7	ICMP
	0.017	Switch7	Switch6	ICMP
	0.018	Switch6	Switch11	ICMP
	0.019	Switch11	Switch5	ICMP
Visible	0.010	Switch5	PC12	ICMP

Reset Simulation ☒ Constant Delay Captured to: 0.010 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, iOTTCP, LACP, LLDP, 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

Time: 00:08:35.651 PLAY CONTROLS

Scenario 0

New Delete Toggle PDU List Window

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

Successful	PC12	PC15	ICMP	0.010	N	0	(edit)	(delete)
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Cisco Packet Tracer - C:\Users\jabuab\Cisco Packet Tracer 7.3.0\saves\topology.pkt

File Edit Options View Tools Extensions Help

Logical Physical 1276 x 1265

TREE TOPOLOGY

```
graph TD; S12[Switch 12] --- S13[Switch 13]; S12 --- S14[Switch 14]; S13 --- PC23[PC-PT PC23]; S13 --- PC24[PC-PT PC24]; S13 --- PC25[PC-PT PC25]; S14 --- PC26[PC-PT PC26]; S14 --- PC27[PC-PT PC27]; S14 --- PC28[PC-PT PC28];
```

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.010	--	PC23	ICMP
	0.011	PC23	Switch13	ICMP
	0.012	Switch13	Switch12	ICMP
	0.013	Switch12	Switch14	ICMP
	0.014	Switch14	PC26	ICMP
	0.015	PC26	Switch14	ICMP
	0.016	Switch14	Switch12	ICMP
	0.017	Switch12	Switch13	ICMP
Visible	0.510	Switch13	PC23	ICMP
	0.512	--	Switch13	DTP
	0.513	Switch13	Switch12	DTP
	0.515	--	Switch12	DTP
	0.516	--	Switch14	DTP

Reset Simulation ☒ Constant Delay Captured to: 0.555 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, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:19:20.463 PLAY CONTROLS

Copper Straight-Through

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC23	PC26	ICMP		0.010	N	0	(edit)	(delete)

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical

1847 p 482

Root

Data link Layer Traffic Simulation Using Packet Tracer/Analysis of ARP

192.168.1.4

Server-PT
Server0

Hub-PT
Hub0

192.168.1.2

PC-PT
PC0

192.168.1.3

PC-PT
PC1

ARP Table for Server0

IP Address	Hardware Address	Interface
192.168.1.2	0030 F284 A3A6	FastEthernet0
192.168.1.3	0002 1735 4161	FastEthernet0

ARP Table for PC0

IP Address	Hardware Address	Interface
192.168.1.3	0002 1735 4161	FastEthernet0
192.168.1.4	0001 96AD B02D	FastEthernet0

ARP Table for PC1

IP Address	Hardware Address	Interface
192.168.1.2	0030 F284 A3A6	FastEthernet0
192.168.1.4	0001 96AD B02D	FastEthernet0

Time: 00:19:45

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC1	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC1	Server0	ICMP		0.000	N	1	(edit)	(delete)
	Successful	Server0	PC0	ICMP		0.000	N	2	(edit)	(delete)

Automatically Choose Connection Type

80°F Mostly clear

ENG IN

19:50 19-02-2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical

1464 y 692

Root

Data Link Layer Traffic Simulation Using Packet Tracer
Analysis of CSMA/CD

PC-PT
PC0
192.168.1.1

PC-PT
PC1
192.168.1.2

PC-PT
PC3
192.168.1.4

Hub-PT
Hub0

PC-PT
PC2
192.168.1.3

Data Link Layer Traffic Simulation Using Packet Tracer
Analysis of CSMA/CA

WirelessEndDevice-PT
Wireless End Device0

WirelessEndDevice-PT
Wireless End Device1

WirelessEndDevice-PT
Wireless End Device2

WirelessEndDevice-PT
Wireless End Device3

HomeRouter-PT-AC
Wireless Router1

Time: 01:01:10

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC2	ICMP		0.000	N	0	(edit)	(delete)
	Successful	Wirel...	Wireless ...	ICMP		0.000	N	1	(edit)	(delete)
	Successful	Wirel...	Wireless ...	ICMP		0.000	N	2	(edit)	(delete)

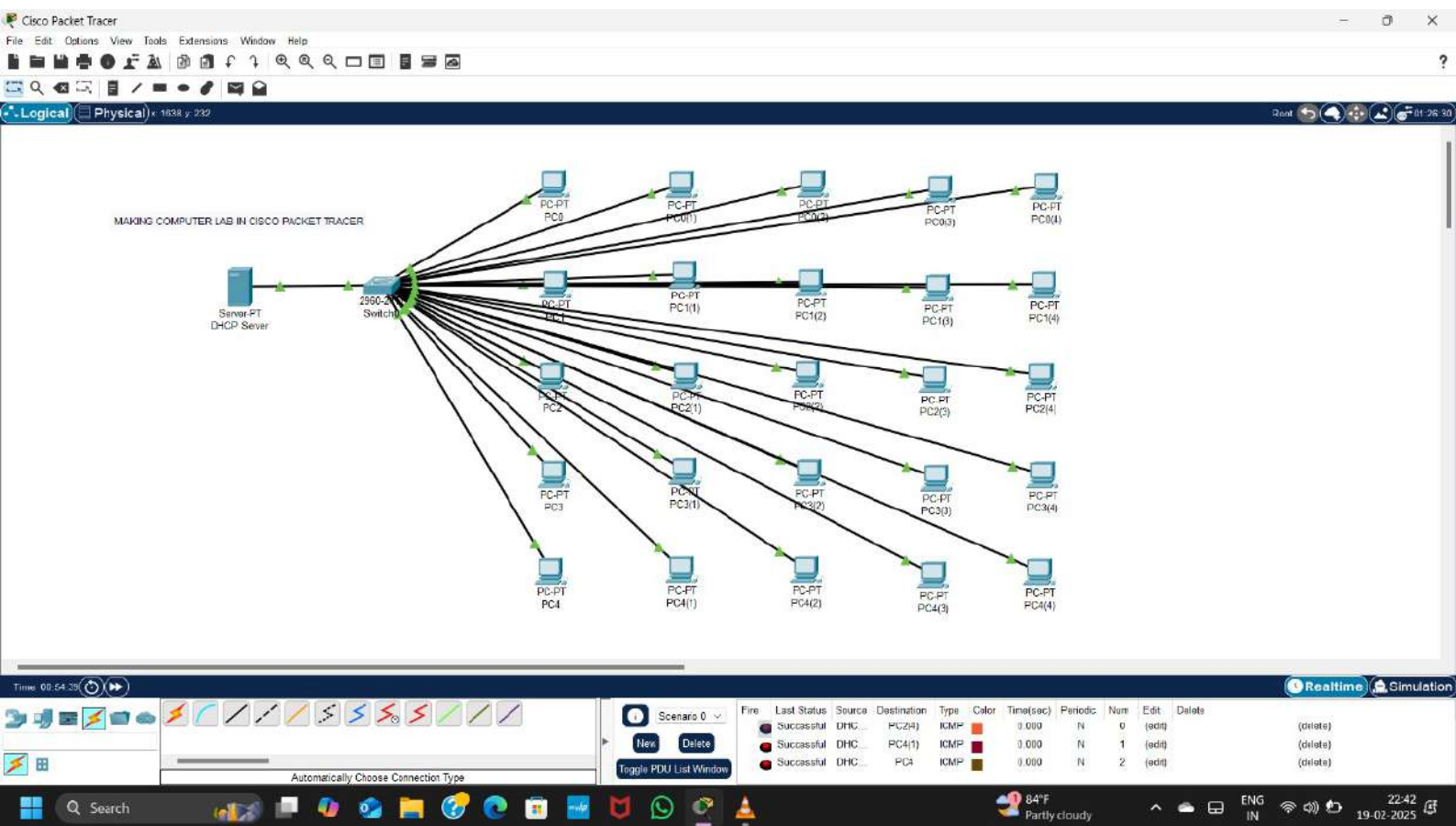
(Select a Device to Drag and Drop to the Workspace)

Search

85°F Mostly clear

ENG IN

21:32 19-02-2025



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical

1411 y 401

Root

```
graph LR; S0[Switch-PT Switch0] --- S1[Switch-PT Switch1]; S1 --- S2[Switch-PT Switch2]; S2 --- S3[Switch-PT Switch3]; S0 --- L0[Laptop-PT Laptop0]; S1 --- L1[Laptop-PT Laptop1]; S2 --- L2[Laptop-PT Laptop2]; S3 --- L3[Laptop-PT Laptop3];
```

By Shreyan S
192471018

Time: 00:00:24.663

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	Laptop3	ICMP		0.000	N	0	(edit)	(delete)
	Successful	Laptop1	Laptop2	ICMP		0.000	N	1	(edit)	(delete)

29°C Mostly cloudy

ENG IN

18:22 05-02-2025

Cisco Packet Tracer - C:\Users\shrey\Cisco Packet Tracer 8.2.2\saves\Ring Topology.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 1000 y 556

PC-PT PC0 PC-PT PC1 2950-24 Switch0 2950-24 Switch1 2950-24 Switch2 2950-24 Switch3 PC-PT PC2 PC-PT PC3

By Shreyan S
192471018

Time: 00:11:01.796 PLAY CONTROLS

Scenario 0

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC2	PC3	ICMP	Green	0.000	N	0	(edit)	(delete)

Copper Straight-Through

28°C Mostly cloudy 18:51 05-02-2025

Cisco Packet Tracer - C:\Users\shrey\Cisco Packet Tracer 8.2.2\saves\Star Topology.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical 1098 y 14

By Shreyan S
192471618

Time: 00:22:54.289 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC5	PC10	ICMP		100.003	N	0	(edit)	(delete)

25210M

28°C Mostly cloudy

ENG IN

19:08 05-02-2025

Cisco Packet Tracer - C:\Users\shrey\Cisco Packet Tracer 8.2.2\saves\Mesh Topology.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical 1885 y 436 Root 11:10:30

IMPLEMENTATION OF MESH TOPOLOGY USING PACKETTRACER

PC-PT PC0 172.16.0.4

PC-PT PC3 172.16.0.3

2960-24TT Switch1

2960-24TT Switch4

2960-24TT Switch2

2960-24TT Switch3

PC-PT PC1 172.16.0.1

PC-PT PC2 172.16.0.2

Shreyan S
192471016

Time: 00:12:50

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

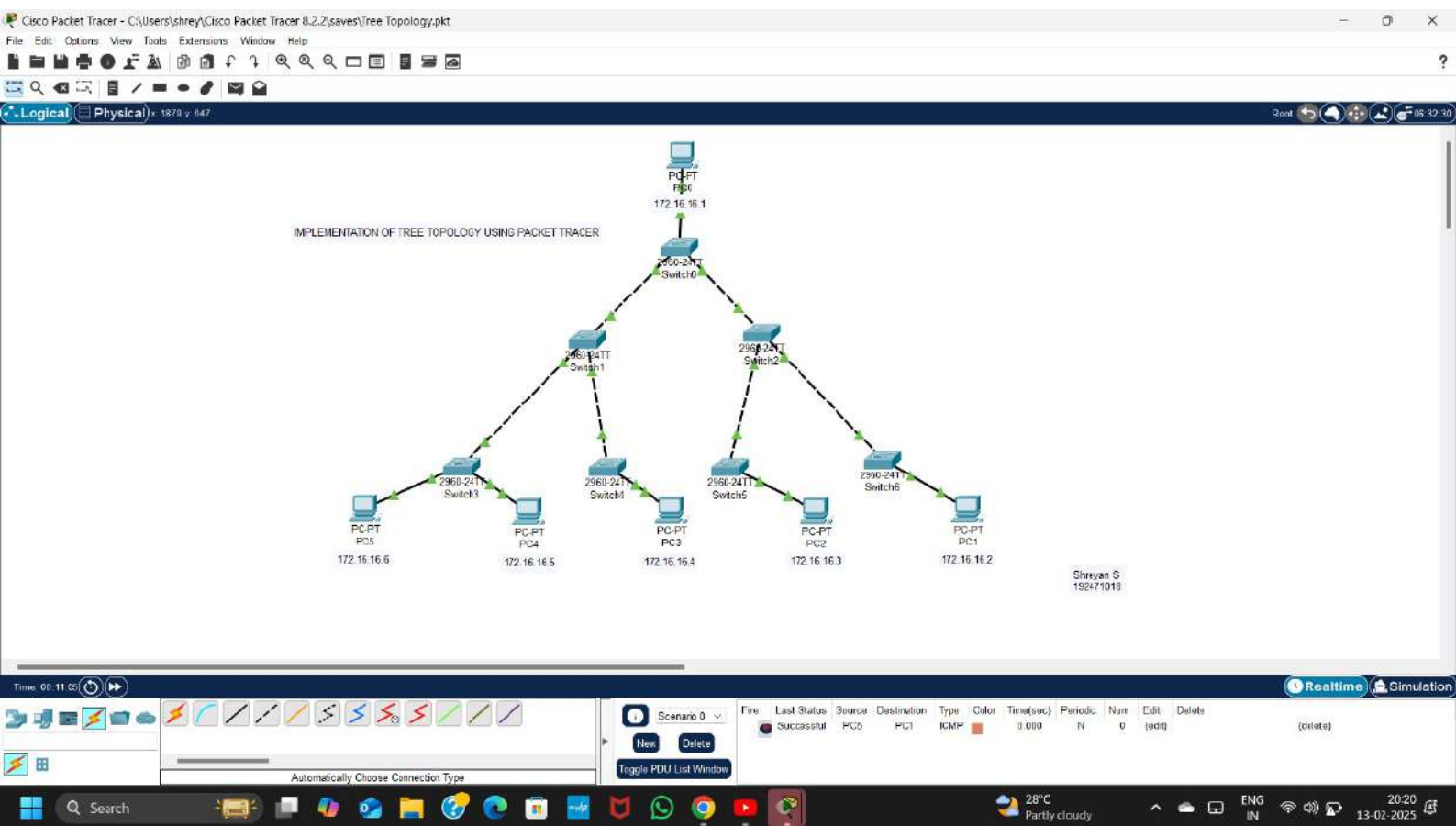
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC2	ICMP	Blue	0.000	N	0	(edit)	(delete)
	Successful	PC3	PC2	ICMP	Yellow	0.006	N	1	(edit)	(delete)

Copper Cross-Over

28°C Partly cloudy

ENG IN

20:05 13-02-2025



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical 1884 y 031

Implementation of Hybrid Topology (Bus and Ring Topology) using Packet Tracer

PC-PT PC0 192.168.1.1

PC-PT PC1 192.168.1.2

PC-PT PC2 192.168.1.3

Switch-PT Switch1

Switch-PT Switch2

Switch-PT Switch3

Switch-PT Switch4

PC-PT PC3 192.168.1.4

PC-PT PC4 192.168.1.5

PC-PT PC5 192.168.1.6

PC-PT PC6 192.168.1.7

PC-PT PC7 192.168.1.8

PC-PT PC8 192.168.1.9

Time: 00:20:41

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	PC0	PC0	ICMP	0.000	N	0	(edit)	(delete)		
Successful	PC2	PC2	ICMP	0.000	N	1	(edit)	(delete)		

Automatically Choose Connection Type

82°F Haze

ENG IN

19:16 19-02-2025