

# Computer Networks

## Lab-2

Name : Laxmikant Bhujang Gurav

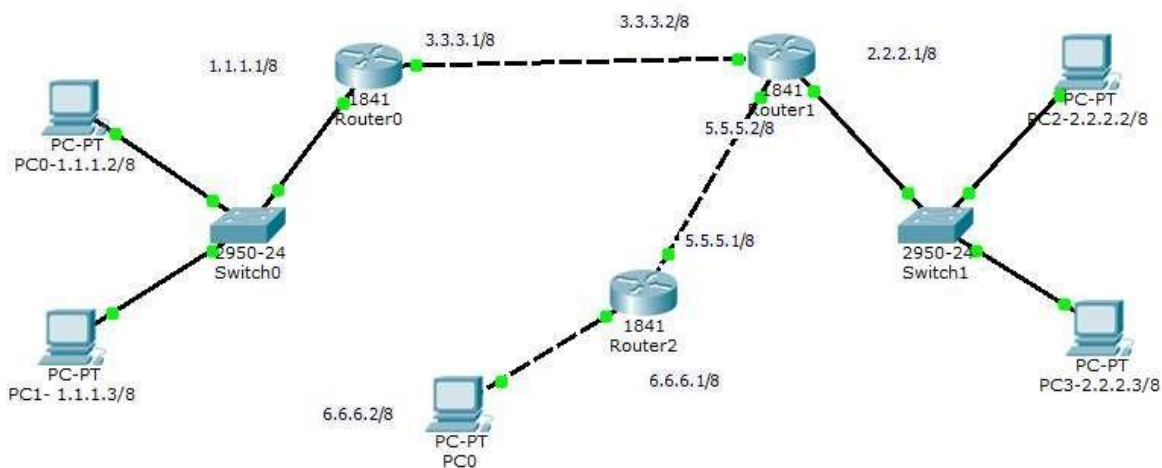
SRN : PES1UG20CS658

Section : K

Roll no : 55

## Designing and Simulation of Network Topology using Cisco Packet Tracer

### Task 2 (Mandatory for Week-6)



# Output Screenshot :

## ➔ From PC0 to PC4

Cisco Packet Tracer - C:\Users\Laxmikant\BTEch\4th Sem\Classes\CN Lab\week2\Task 2.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 1288, y 457

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	PC0	ICMP
	0.001	PC0	Switch0	ICMP
	0.002	Switch0	Router6	ICMP
Visible	0.003	Router6	Router9	ICMP
	0.004	Router9	Router8	ICMP
	0.005	Router8	PC4	ICMP
	0.006	PC4	Router8	ICMP
	0.007	Router8	Router9	ICMP
	0.008	Router9	Router6	ICMP
	0.009	Router6	Switch0	ICMP
	0.010	Switch0	PC0	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, 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	PC0	PC4	ICMP		0.000	N	0	(edit)	(delete)
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Time: 01:00:14.339 PLAY CONTROLS

Automatically Choose Connection Type

Type here to search

30°C

ENG 15:57 03-02-2022

## ➔ From PC0 to PC 1

Cisco Packet Tracer - C:\Users\Laxmikant\BTEch\4th Sem\Classes\CN Lab\week2\Task 2.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 1131, y 656

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	PC0	ICMP
	0.001	PC0	Switch0	ICMP
Visible	0.002	Switch0	PC1	ICMP
	0.003	PC1	Switch0	ICMP
	0.004	Switch0	PC0	ICMP

Reset Simulation ☒ Constant Delay Captured to: 0.004 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	PC0	PC1	ICMP		0.000	N	0	(edit)	(delete)
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Time: 00:02:22.804 PLAY CONTROLS

Copper Cross-Over

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31°C

ENG 17:19 03-02-2022

## ➔ From PC1 to PC2

Cisco Packet Tracer - C:\Users\Laxmikant\BTech\4th Sem\Classes\CN Lab\week2\Task 2.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 1278, y 565

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	PC1	ICMP
	0.001	PC1	Switch0	ICMP
Visible	0.002	Switch0	Router6	ICMP
	0.003	Router6	Router9	ICMP
	0.004	Router9	Switch1	ICMP
	0.005	Switch1	PC2	ICMP
	0.006	PC2	Switch1	ICMP
	0.007	Switch1	Router9	ICMP
	0.008	Router9	Router6	ICMP
	0.009	Router6	Switch0	ICMP
	0.010	Switch0	PC1	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, 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 PC1 PC2 ICMP 0.000 N 0 (edit) (delete)

Time: 01:04:56.257 PLAY CONTROLS

Type here to search

30°C

16:05

03-02-2022

## ➔ From PC3 to PC1

Cisco Packet Tracer - C:\Users\Laxmikant\BTech\4th Sem\Classes\CN Lab\week2\Task 2.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x 1290, y 358

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	PC3	ICMP
	0.001	PC3	Switch1	ICMP
	0.002	Switch1	Router9	ICMP
	0.003	Router9	Router6	ICMP
	0.004	Router6	Switch0	ICMP
	0.005	Switch0	PC1	ICMP
	0.006	PC1	Switch0	ICMP
	0.007	Switch0	Router6	ICMP
	0.008	Router6	Router9	ICMP
	0.009	Router9	Switch1	ICMP
Visible	0.010	Switch1	PC3	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, 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 PC3 PC1 ICMP 0.000 N 0 (edit) (delete)

Time: 01:05:59.488 PLAY CONTROLS

Type here to search

30°C

16:06

03-02-2022