

WEEK-6

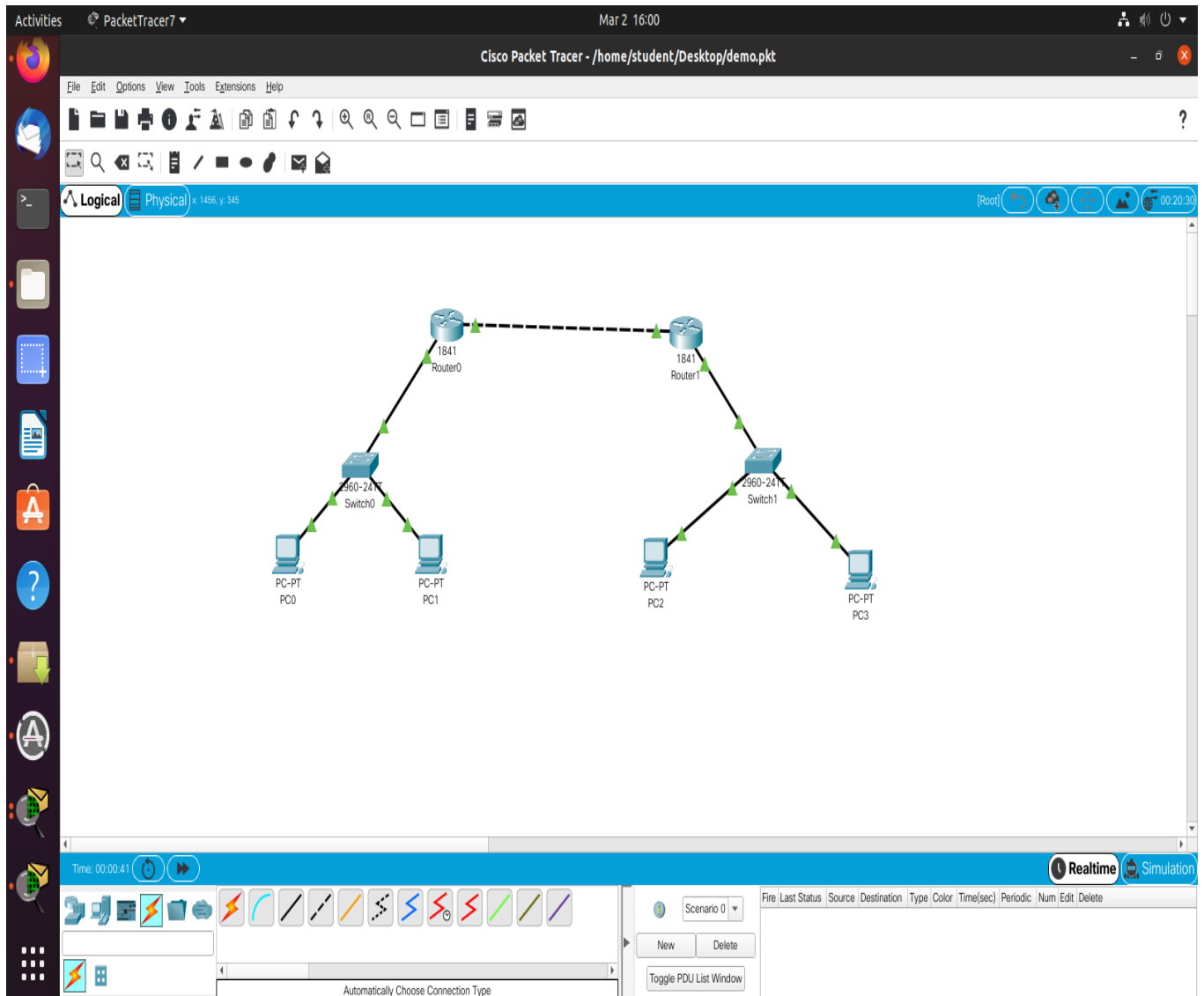
**Designing and Simulation of Network Topology  
using Cisco Packet Tracer**

NAME- T. LOHITH SRINIVAS

SECTION-D

SRN-PES2UG19CS203

# TASK-1



Activities

PacketTracer7

Mar 2 16:00

Clisco Packet Tracer - /home/student/Desktop/demo.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 1027, y: 417

Router0

1841

Router1

1841

Switch0

2960-241

Switch1

2416

PC-PT

PC0

PC-PT

PC1

PC-PT

PC2

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	1.950	--	Switch1	STP
	1.951	Switch1	Router1	STP
	1.951	Switch1	PC2	STP
	1.951	Switch1	PC3	STP
	1.956	--	Switch0	STP
	1.957	Switch0	PC0	STP
	1.957	Switch0	PC1	STP
	1.957	Switch0	Router0	STP
	3.954	--	Switch1	STP
	3.955	Switch1	Router1	STP
	3.955	Switch1	PC2	STP
	3.955	Switch1	PC3	STP

Reset Simulation ☒ Constant Delay Captured to: 3.955 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

Time: 00:00:56.576 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

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

# TASK-2

Activities PacketTracer7 Mar 2 15:56

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 785, y 307 [Root]

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.498	Switch1	PC2	STP
	0.498	Switch1	Router1	STP
	0.498	Switch1	PC3	STP
	0.813	--	Switch0	CDP
	0.813	--	Switch0	CDP
	0.813	--	Switch0	CDP
	0.814	Switch0	Router0	CDP
	0.814	Switch0	PC0	CDP
	0.814	Switch0	PC1	CDP
	0.834	--	Switch0	DTP
	0.835	Switch0	Router0	DTP
	1.502	--	Switch0	STP
	1.503	Switch0	Router0	STP
	1.503	Switch0	PC0	STP
	1.503	Switch0	PC1	STP
	2.497	--	Switch1	STP

Reset Simulation ☒ Constant Delay Captured to: 2.497 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: 00:27:55.461 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

Realtime Simulation

Activities PacketTracer7 Mar 2 15:56

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 1392, y 54 [Root]

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.813	--	Switch0	CDP
	0.813	--	Switch0	CDP
	0.813	--	Switch0	CDP
	0.814	Switch0	Router0	CDP
	0.814	Switch0	PC0	CDP
	0.814	Switch0	PC1	CDP
	0.834	--	Switch0	DTP
	0.835	Switch0	Router0	DTP
	1.502	--	Switch0	STP
	1.503	Switch0	Router0	STP
	1.503	Switch0	PC0	STP
	1.503	Switch0	PC1	STP
	2.497	--	Switch1	STP
	2.498	Switch1	PC2	STP
	2.498	Switch1	Router1	STP
	2.498	Switch1	PC3	STP

Reset Simulation ☒ Constant Delay Captured to: 2.498 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 Fire Last Status Source

New Delete

Toggle PDU List Window

Automatically Choose Connection Type

Time: 00:27:55.462 PLAY CONTROLS