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IMPLEMENTATION OF HYBRID TOPOLOGY USING PACKET TRACER

AIM:

To Implement a hybrid topology using packet tracer, hence find transmit data between devices connected using hybrid topology

SOFTWARE/ APPARATUS REQUIRED:

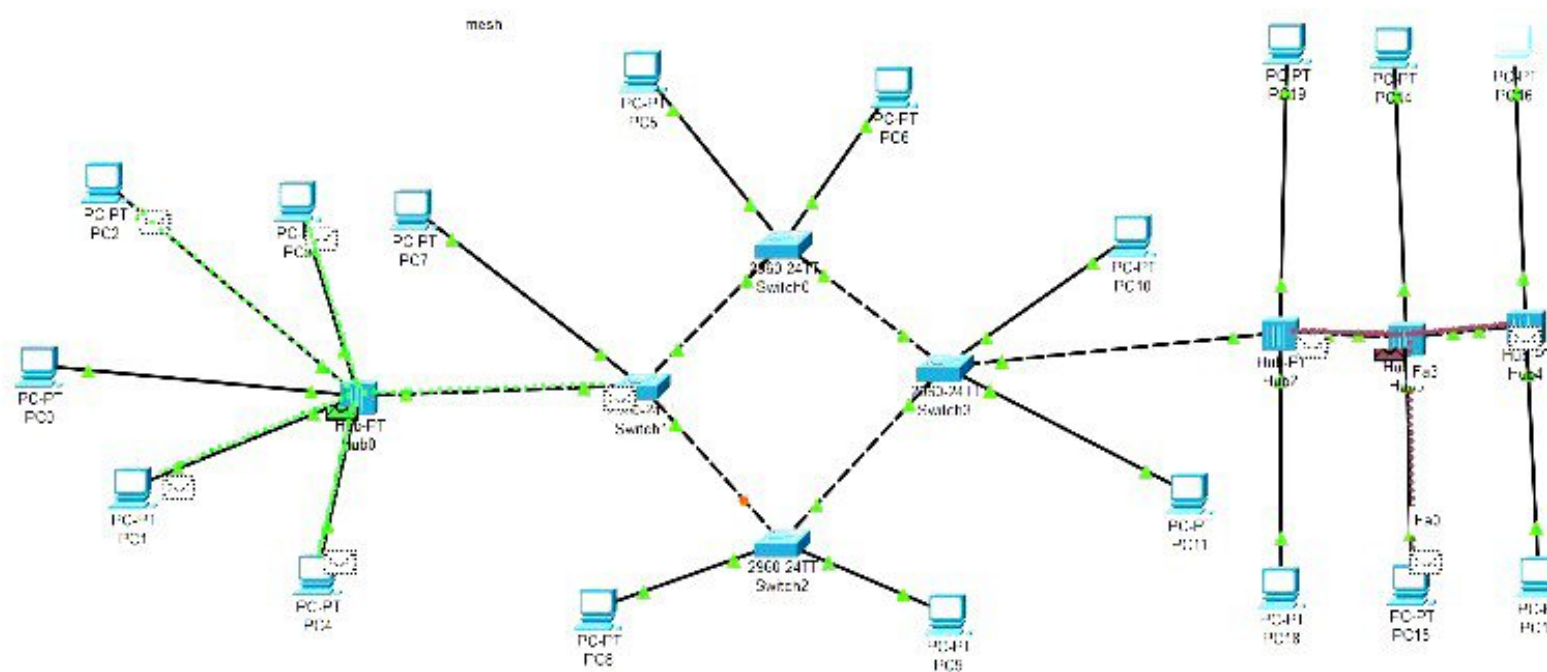
packettraces / End devices, hub, connectors

STEPS FOR BUILDING Topology:

1. Start packet tracer
2. Choosing devices and connections
3. Adding host
4. Connecting host to the hub (Building Bus, Ring topology)
5. Connect pc to Hub by first choosing connections
6. Building tree topology - connecting hub to active hub
7. Configuring IP address and subnet mask to hosts.
8. Verify connectivity in Realtime mode
9. Verify connectivity in simulation Mode

RESULT:

Thus the hybrid topology is implemented with Packet tracer simulation tool



Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device	Type
	0.000	-	PC5	ICMP
	0.000	-	PC14	ICMP
	0.001	PC3	Hub0	ICMP
	0.001	PC14	Hub3	ICMP
Visible	0.002	Hub0	PC2	ICMP
Visible	0.002	Hub0	PC3	ICMP
Visible	0.002	Hub0	PC4	ICMP
Visible	0.002	Hub0	PC1	ICMP
Visible	0.002	Hub0	Switch1	ICMP
Visible	0.002	Hub3	Hub2	ICMP
Visible	0.002	Hub3	Hub4	ICMP
Visible	0.002	Hub3	PC15	ICMP

Reset Simulation ☒ Constant DelayCaptured to:
0.002 s

Play Controls



Event List Filters: Visible Events

ACL Filter: Cuietclat: CAPWAP, CDP, DHCPv6, DTP, EAPOL, IGMPv6, IGRP, II, 323, ISGRv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT, TCP, LACP, LLDP, NDP, NETFLOW, NTP, OSPFv6, RARP, POP3, PPP, PPPoE, RTP, RADIUS, RFP, RIPng, RTP, SCOP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters

Show AllNone