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IMPLEMENTATION OF HYBRID TOPOLOGY USING PACKET TRACER

AIM:

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

SOFTWARE / APPARATUS REQUIRED:

packet tracer / 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

12/12/2023

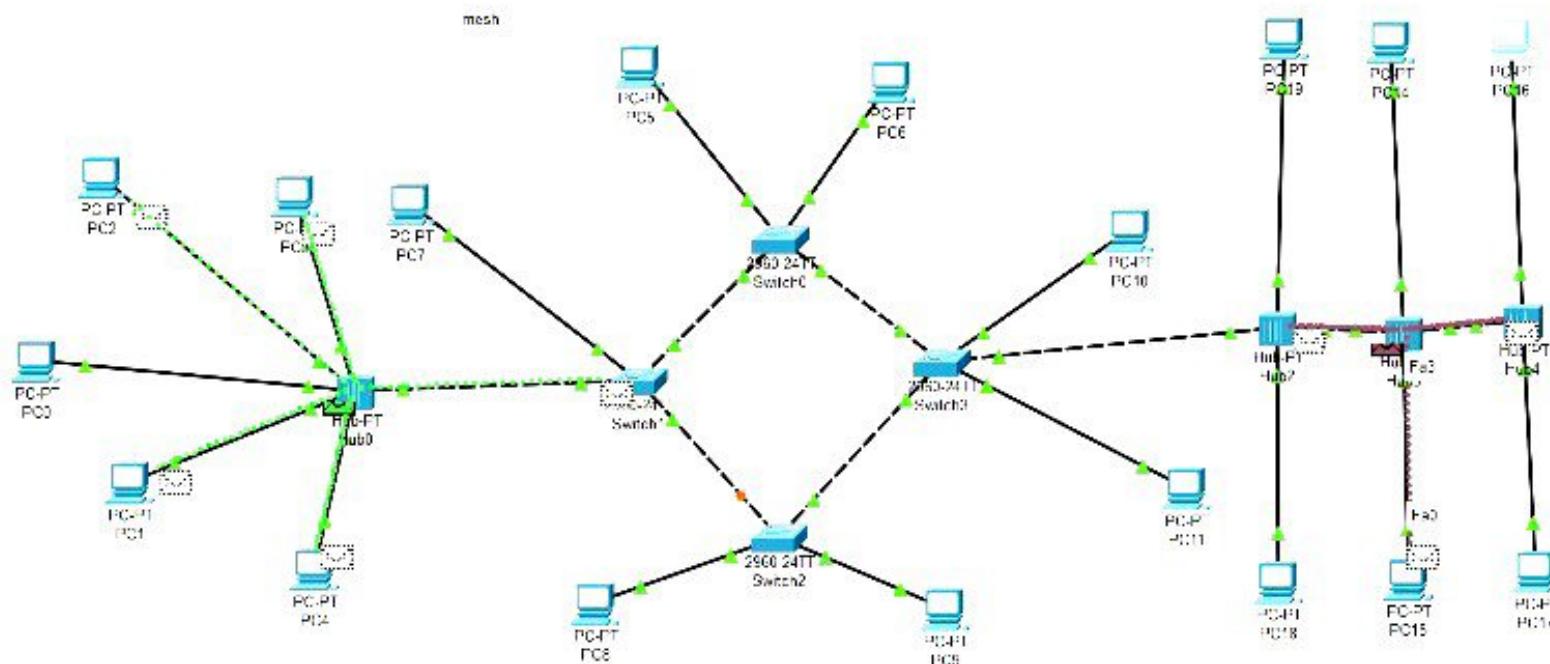
RESULT:

Thus the hybrid topology is implemented with Packet tracer simulation tool



Logical (Physical) x 1399 x 607

[Root] 00:15:00



Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device	Type
	0.000	--	PC0	ICMP
	0.000	--	PC14	ICMP
	0.001	PC0	Hub1	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	Hub3	Hub2	ICMP
Visible	0.002	Hub3	Hub4	ICMP
Visible	0.002	Hub3	PC15	ICMP

Reset Simulation Constant Delay

Play Controls



Captured to:
0.002 s

Event List Filters: Visible Events

ACL Filter Bluetooth CAPWAP CDF DHCPv6 DTP DAQoL EIGRPv6 FTP II 323 IGMPv6 IFTP HTTPS ICMP ICMPv6 IPsec ISAKMP IoT IoT TCP LACP LLDP NDP NETFLOW NTP OSPFv6 PAgP POP3 PPP PPPoE RADIUS RFP RPng RTP SCP SMTP SNMP SSH STP SYSLOG TACACS TCP IFTP Ismail JUP USA VTP

Edit Filters

Show All More

Event List Realtime Simulation

