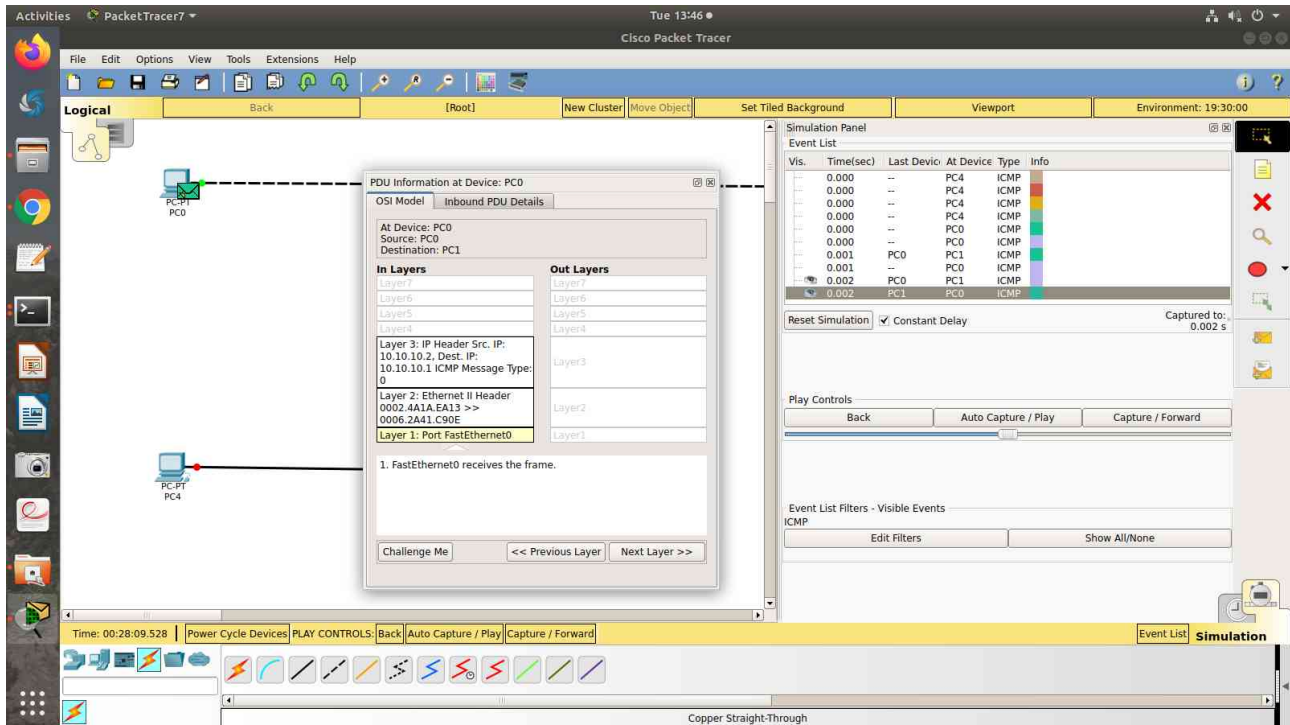


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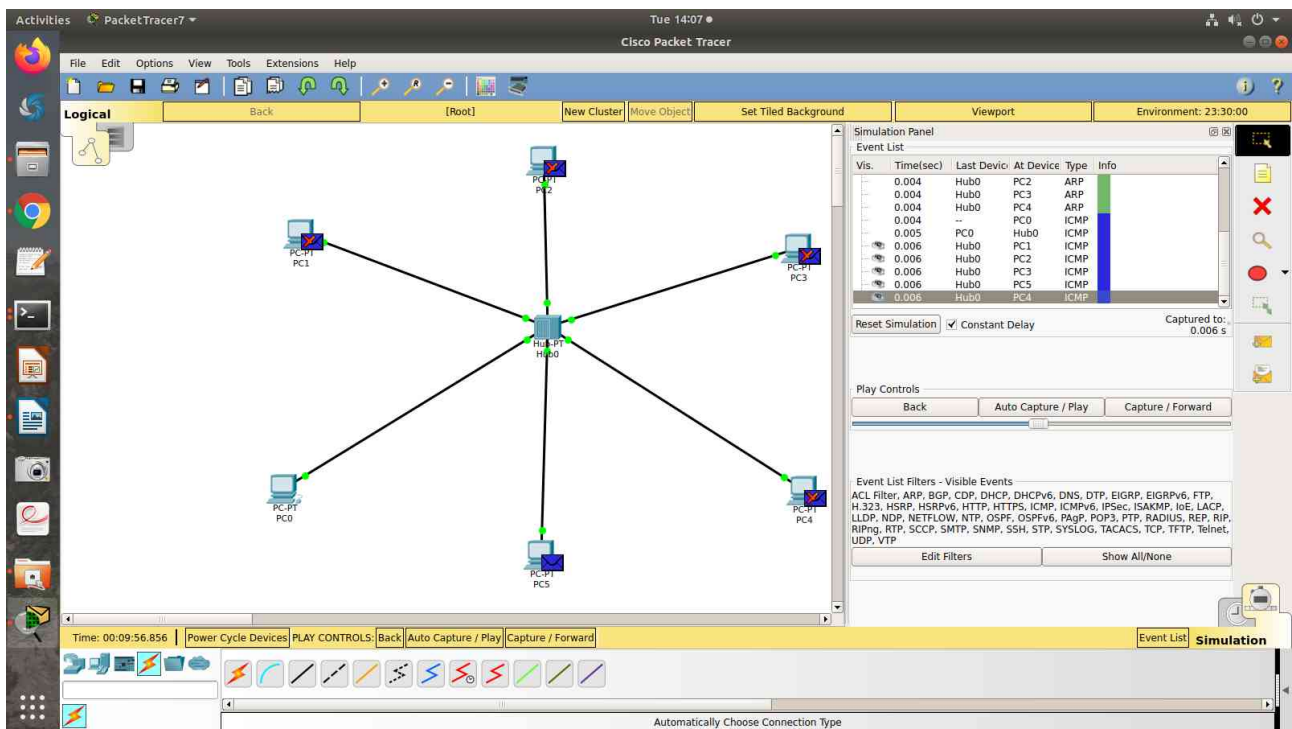
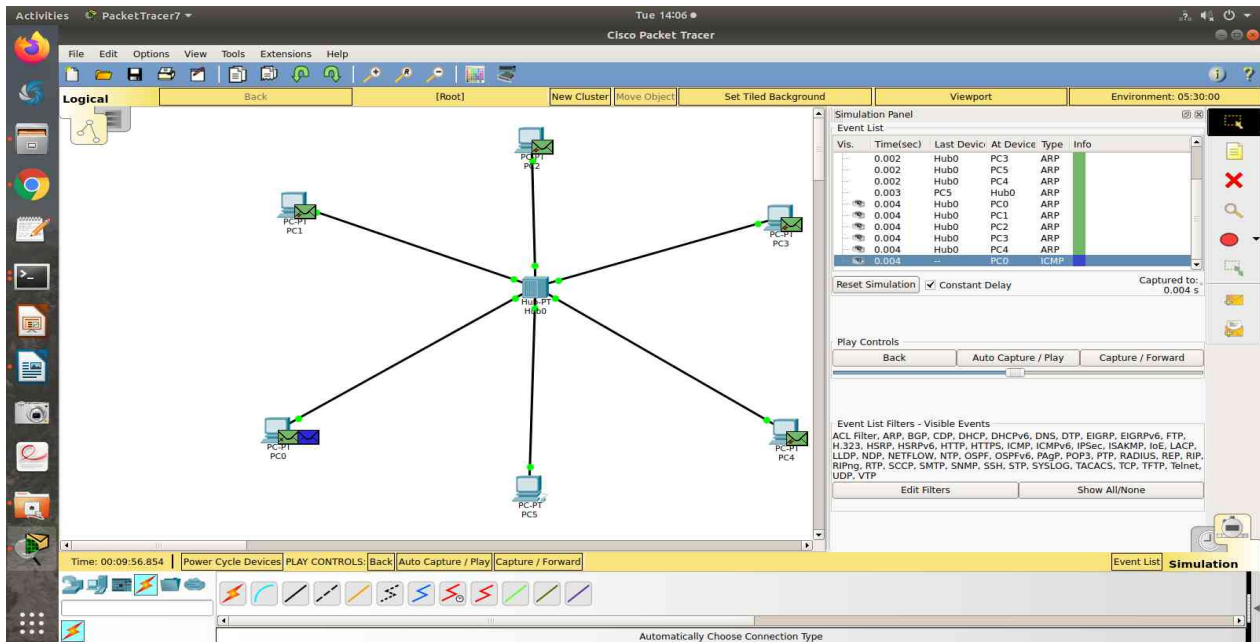
Experiment No.04

AIM: Build a simple network topology and configure it for static routing protocol using packet tracer.



To set up network using Hub

1. Select hub
2. Select 6 pcs (hub has 6 max ports)
3. Connect with cable.
4. Set up ip address for the pcs
5. Now check for connection by performing ping operation
6. Use simulation to check packet transmission.



To set up network using switch

1. Select switch
2. Select 5 pcs (Switch has 24 max ports and 2 gigabit ports)
3. Connect with cable.
4. Set up ip address for the pcs
5. Now check for connection by performing ping operation
6. Use simulation to check packet transmission.

Activities PacketTracer7 Tue 14:17 Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport Environment: 17:30:00

Simulation Panel

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	PC0	ICMP	
	0.004	--	PC0	ICMP	
	0.005	PC0	Switch0	ICMP	
	0.006	Switch0	PC4	ICMP	
	0.007	PC4	Switch0	ICMP	
	0.008	Switch0	PC0	ICMP	

Reset Simulation ☒ Constant Delay Captured to: 0.008 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events ICMP Edit Filters Show All/None

Time: 00:06:43.466 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward Event List Simulation

Automatically Choose Connection Type

Activities PacketTracer7 Tue 14:20 Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport Environment: 02:00:00

Simulation Panel

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.008	--	PC0	ICMP	
	0.008	Switch0	PC2	ICMP	
	0.008	--	PC1	ICMP	
	0.012	--	PC2	ICMP	
	0.013	PC2	Switch0	ICMP	
	0.013	--	PC1	ICMP	
	0.014	PC1	Switch0	ICMP	
	0.014	Switch0	PC5	ICMP	
	0.015	Switch0	PC3	ICMP	
	0.015	PC5	Switch0	ICMP	

Reset Simulation ☒ Constant Delay Captured to: 0.015 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events ICMP Edit Filters Show All/None

Time: 00:06:43.473 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward Event List Simulation

Automatically Choose Connection Type