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Experiment no:2

Configuration of bus topology using packet tracer.

AIM:

Configuration of bus topology using Packet Tracer.

REQUIREMENTS:

1. End device - They are the devices through which we can passmessage from one device to another and they are interconnected.
2. Switch/Hub   - Interface Between two devices.
3. Cable   - Used to connect two devices.

Procedure:

STEP 1: Click on end devices, select generic Pc's drag and drop it on the

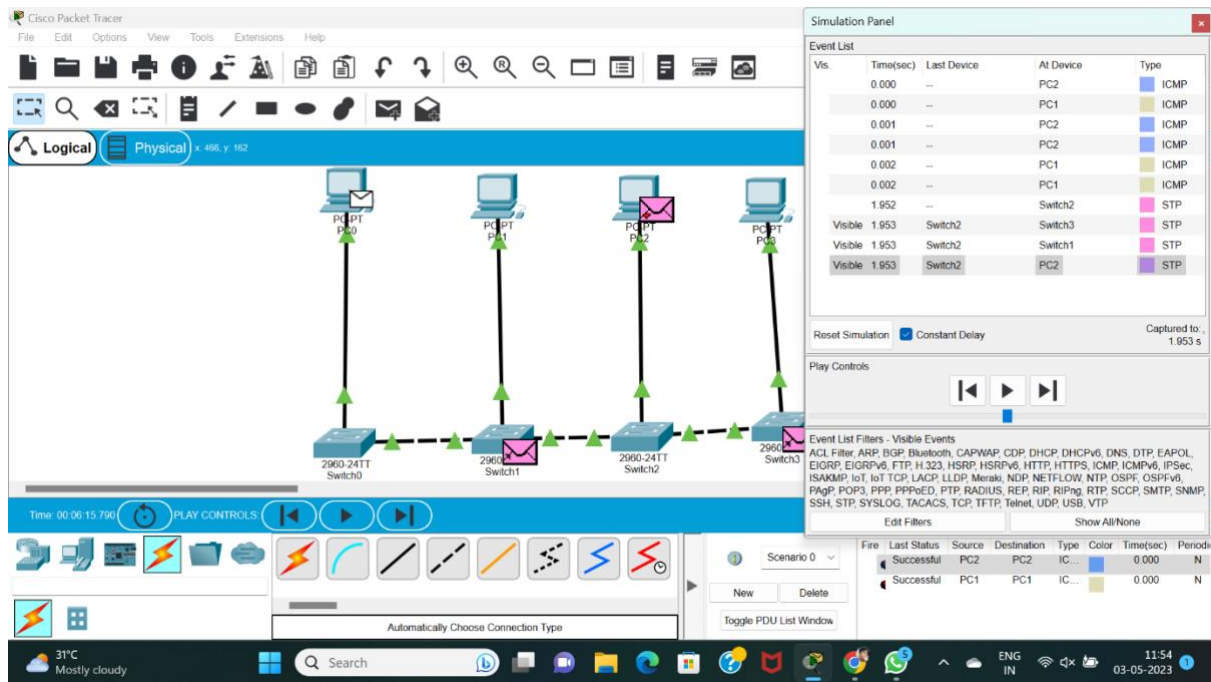window. Click on SWITCH drag and drop it on the window.

STEP 2: Select the straight through cable and connect all end device to switch. Assign the IP address for all end devices. (Double click the end deviceSelect →
desktop → IP configuration static)

STEP 3: Now set the IP address to Host A (192.168.1.1) in static mode. Similarly set IP addressfor Host B (192.168.1.2) and Host C (192.168.1.3)

STEP 5: To view the IP address, give ipconfig command in command prompt. Using ping command, we can establish communication between two host devices.

STEP 6: Now display the packet transmission in simulation mode.

BUS TOPOLOGY:

RESULT:

Configuration of BUS Topologies using Packet Tracer communication star is verified successful.