Experiment - 7

Implementation of hybrid topology (Bus & ring topology) Using Packet Tracer.

Aim: To implement a hybrid topology using Packet tracer and hence to transmit data between the device connected Using tree topology.

Software: Packet Tracer / End devices, Hubs, Connectors.

Procedure

Step 1 : Start Packet tracer

Step 2 : Choosing Devices & Connections

Step 3 : Building the topology - Adding hosts

Step 4 : Building the Bus - topology - Connecting the host to hubs.

Step 5 : Building the ring topology - Connecting the host to hubs.

Step 6 : Connet PC's to Hub by first choosing connections

Step 7 : Building the tree topology. Connecting the hubs to active Hub.

Step 8 : Configuring IP Address & subnet masks on the hosts

Step 9 : Verifying Connecting in real time mode.

Step 10 : Verifying Connectivity in Simulation mode.

Result:

This the hybrid topology is implemented with Packet tracer simulation tool