Arfath Kabir [IBM1845130]

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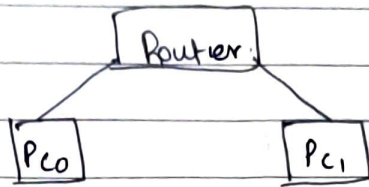
Topology

Procedure.

(1) Place one router Router - PT and 2 end devices

2) Connect the end devices to the router with appropriate cable.

3) Set IP address and default gateway to each end devices

4) Configure the router using the CLI put ID address same as the respective gateway address of the desktop

5) Select Pc0 and open the command prompt and ping the PC1 using its IP address.

Observation -

PC1 replies from 10.0.0.20 bytes = 32 times = 10 X 4.

Number of packets sent = 4.
Number of packets recieved = 4
Loss = 0%

→ Each data packet sent across the network contains address information that a router can use to destination are on the same network.

CLI commands -
→ Enable   → Ip address 10.0.0.10
→ Configure terminal   255.0.0.0
→ Interface fa 0/0   → No shut down.