

26.9.25

Experiment - 10 - a

Routers in Cisco packet tracer

Aim: Interconnecting with routers in Cisco
PACKET Tracer.

Design and configure a simple intranet using a router.

In this network, a router and 2 PCs are used. Computers connected with router using copper - straight - through cable. After forming the network, to network connectivity a simple, PDV is transferred from PC 0 to PC 1.

Procedure

Step - 1 (Configuring Router 1):

1. Select the router and open CLI.
2. Press Enter to start configuring Router.
3. Type enable to activate the privileged mode.

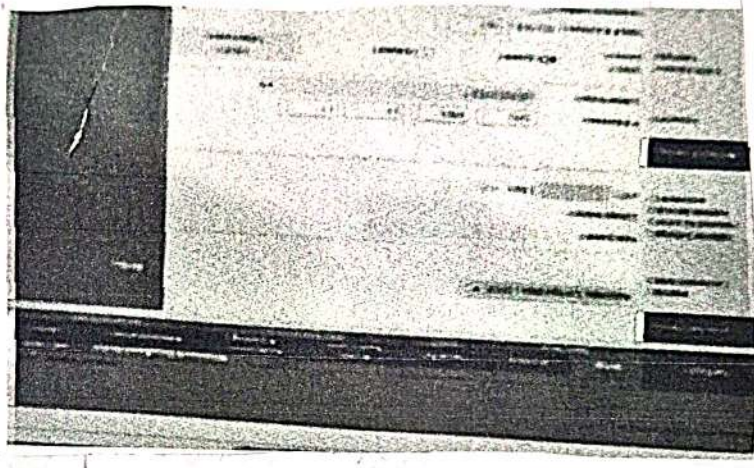
Step - 2 (Configuring PC):

1. Assign IP addresses to every PC in the network.

Select the PC, go to the desktop and select IP configuration and assign an IP address, default gateway, subnet mask.

3. Assign the default gateway of PC0 as 192.168.10.1

4. Assign the default gateway PC1 as 192.168.20.1



Result:

~~Inter networking~~ of routers was completed successfully.