

Lab 2

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Aim: To configure IP addresses to router in Packet Tracer

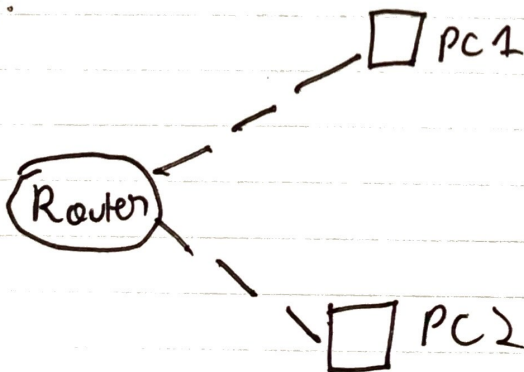
Procedure:

1. Two computers are connected with a router using copper cross-over wires.
2. Fast ethernet IP and default gateway addresses are noted down after config. in PCs.
3. Router's terminal is accessed to configure the connections to each gateway and 'no shut' to open the connection.
4. We ping the other computer's IP using the CLI of one.

Observation:

After config., a connection is established. 'show ip' shows the connections. After pinging, we can see a timeout initially but we receive a response afterward.

Topology:



CLI

Router>enable

Router#config t

Router(config)#ip address 10.0.0.10 255.0.0.0

Router(config-if)#no shut

Router(config-if)#show ip route

Connected 10.0.0.0/8 is directly connected, FastEthernet 0/0
" 20.0.0.0/8 " " FastEthernet 0/10

cmp

C:\ ping 20.0.0.1

Pinging 20.0.0.1 with 32 bytes of data

Reply from 20.0.0.1: bytes=32 time=4ms TTL=127

//
//

Ping statistics for 20.0.0.1:

Packets: Sent=4 Received=4, Lost=0

Approx. round trip times

Min=4ms, Max=4ms, Avg=4ms