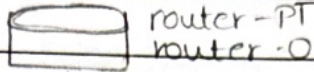


* AIM: To understand the operation of TELNET by accessing the router in the server room from a PC in LT office

A TOPOLOGY:



* PROCEDURE:

Place an end device, router and connect them using a copper cross over wire and assign the IP address as shown in the topology

In router 0 do :

> enable

config terminal

hostname R1

enable secret P1

interface fa 0/0

ip address 10.0.0.1 255.0.0.0

no shut

lin vty 0-5

login

password P0

exit

> exit

→ In PC0, do

ping 10.0.0.1

→ Now to access the router 0 CLI from PC0 do
telnet 10.0.0.2

user access verification

Password: P0

>enable

Password: P1

show ip route

*)

OBSERVATION:

- Two passwords are given while configuring the router, one being the secret key for the router, and another being the password for login and corresponding access.
- The passwords entered in the router are used in reverse order here, i.e. the user has to login first to verify access via P0 and then obtain router access with secret key P1.
- Hence the admin in PC is able to run commands as run in router CLI and see the results from PC.