

## WEEK 12

To understand the operation of TELNET by accessing the router in server room from a PC in IT office.

### OBSERVATION:

12

Aim : To understand the operation of TELNET by accessing router in server room from PC in IT office.

Topology

```
graph LR; PC[PC-PT  
PC0  
10.0.0.2] -.- Router[Router PT  
R1  
10.0.0.1]
```

Procedure

- Create topology as shown
- Assign IP address & Gateway to PC & Router
- Set hostname of router to R1 & follow steps
  - line vty 0/5
  - login
  - password PO
  - exit; exit
  - ux
- Ping message to router
- Password is PO, for enable is P1.
- Show IP route

### Out put

- e Pcs Ping 10.0.0.1  
s Pinguy 10.0.0.1 with 32 byte packet  
p Reply from 10.0.0.1: bytes 32 time=0ms TTL=255

Ping statistics for 10.0.0.1

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

Approximate round trip times

min = 0ms, max = 0ms avg = 0ms

Pcs telnet 10.0.0.1

Typing 10.0.0.1 - . spc

User access verification

Password: P0

Is echo

Remind: P1

Give IP start

c. 10.0.0.0/24 directly connected, 5K B/s

### Observation

Telnet study for Telnet. Network. It enables one computer connected to other local computer, packet for standard and Telnet protocol for internet. Forward packet to 150

During THINK T speech is: what time is proposed on the console. Computer will be displayed to local computer.

NP  
algorithms

Answer:

Topology

Procedure

→ Connect

→ Config

→ Config

→ Select

→ Config

→ State of

Connect

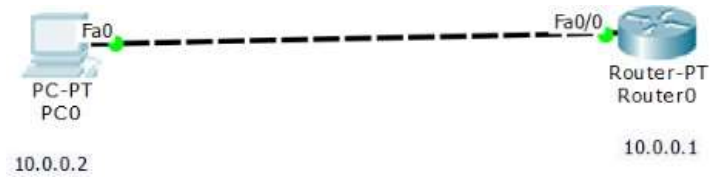
The output

→ Telnet

Now Config

→ Ping

## TOPOLOGY:



## OUTPUT:

```
PC0
Physical Config Desktop Custom Interface

Command Prompt

Packet Tracer PC Command Line 1.0
PC>ping 10.0.0.1

Pinging 10.0.0.1 with 32 bytes of data:

Reply from 10.0.0.1: bytes=32 time=1ms TTL=255
Reply from 10.0.0.1: bytes=32 time=0ms TTL=255
Reply from 10.0.0.1: bytes=32 time=0ms TTL=255
Reply from 10.0.0.1: bytes=32 time=0ms TTL=255

Ping statistics for 10.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

PC>telnet 10.0.0.1
Trying 10.0.0.1 ...Open

User Access Verification

Password:
* Password: timeout expired!

[Connection to 10.0.0.1 closed by foreign host]
PC>telnet 10.0.0.1
Trying 10.0.0.1 ...Open

User Access Verification

Password:
Password:
Password:

[Connection to 10.0.0.1 closed by foreign host]
PC>telnet 10.0.0.1
Trying 10.0.0.1 ...Open

User Access Verification

Password:
rl>enable
Password:
rl#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
        D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
        N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
        E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
        i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
        * - candidate default, U - per-user static route, o - ODR
        P - periodic downloaded static route

Gateway of last resort is not set

C    10.0.0.0/8 is directly connected, FastEthernet0/0
rl#
```