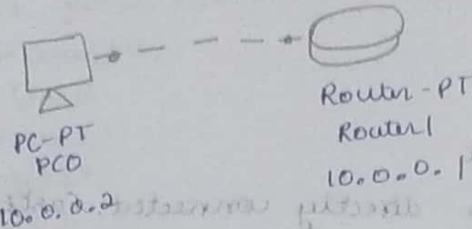


To understand the operation of TELNET by accessing the router in server room from a PC in IT office

TELNET Topology:



Procedure:

In Router 1,

```

enable
conf t
hostname n1
enable secret pl
interface fastethernet 0/0
ip address 10.0.0.1 255.0.0.0
no shut

line vty 0 5
login
password po
exit
exit
wr
  
```

In PCO,

ping 10.0.0.1

Output:
pinging 10.0.0.1 with 32 bytes of data:

Reply from	10.0.0.1: bytes=32	time=17ms	TTL=255
Reply from	10.0.0.1: bytes=32	time=13ms	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 milliseconds:
 Minimum = 0ms, Maximum = 17ms, Average = 4ms

PC > telnet 10.0.0.1

Trying 10.0.0.1... Open

User Access Verification

Password: po

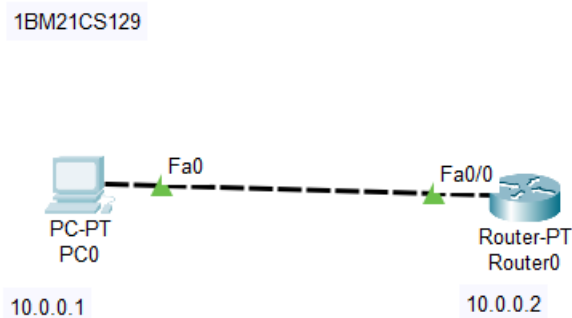
rt>enable

Password: pl

rt#show ip route

C 10.0.0.0/8 is directly connected, FastEthernet 0/0

Topology:



Output:

```
PCO
Physical Config Desktop Programming Attributes
Command Prompt

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.2

Pinging 10.0.0.2 with 32 bytes of data:

Reply from 10.0.0.2: bytes=32 time<1ms TTL=255
Reply from 10.0.0.2: bytes=32 time<1ms TTL=255
Reply from 10.0.0.2: bytes=32 time<1ms TTL=255
Reply from 10.0.0.2: bytes=32 time<1ms TTL=255

Ping statistics for 10.0.0.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>telnet 10.0.0.2
Trying 10.0.0.2 ...Open

User Access Verification

Password:
pooja>enable
Password:
pooja#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

pooja#
```