

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

18/8/23

TELNET

Topology:

Procedure:

In Router 1;

```

enable
conf t
hostname 10.0.0.1
enable secret P1
interface fastEthernet 0/0
ip address 10.0.0.1 255.0.0.0
no shut
line vty 0 5
login
password P0
exit
exit
wr
  
```

IA PC,

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=25ms 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=25ms, Average=4ms

PC > telnet 10.0.0.1

Trying 10.0.0.1... Open

User Access Verification

Password: PO

R1 > enable

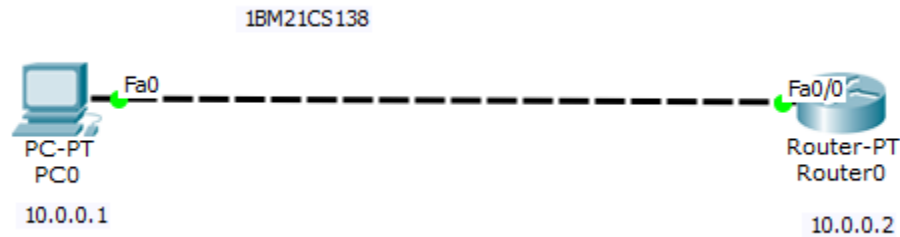
Password: P1

R1 # show ip route

10.0.0.0/8 is directly connected, FastEthernet 0/0

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Topology:



Output:

Command Prompt

```
Packet Tracer PC Command Line 1.0
PC>ping 10.0.0.2

Pinging 10.0.0.2 with 32 bytes of data:

Reply from 10.0.0.2: bytes=32 time=96ms TTL=255
Reply from 10.0.0.2: bytes=32 time=0ms TTL=255
Reply from 10.0.0.2: bytes=32 time=0ms TTL=255
Reply from 10.0.0.2: bytes=32 time=0ms 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 = 96ms, Average = 24ms

PC>telnet 10.0.0.2
Trying 10.0.0.2 ...Open

User Access Verification

Password:
prasu>enable
Password:
prasu#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
prasu#
```