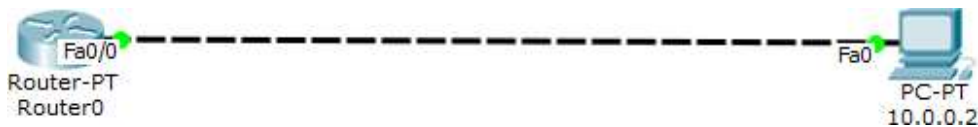


CN LAB-09 (18/08/2023)

USN: 1BM21CS271

Depict TELNET in a topology.

TOPOLOGY:



ROUTER CONFIG:

```
Router0
Physical Config CLI
IOS Command Line Interface

San Jose, California 95134-1706

Cisco Internetwork Operating System Software
IOS (tm) PT1000 Software (PT1000-I-M), Version 15.2(28), RELEASE SOFTWARE (fc6)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2006 by Cisco Systems, Inc.
Compiled Wed 27-Apr-04 19:01 by mlwag

PT 1001 (PTC2005) processor (revision 0x200) with 6541K/5120K bytes of memory

Processor board ID PT0113 (0123)
PT006 processor: part number 0, mask 01
Bridging software
E-16 software, Version 3.0.0.0
4 FastEthernet/IEEE 802.3 interface(s)
2 Composed serial Async/RS485 network interface(s)
128K bytes of non-volatile configuration memory.
524288 bytes of ATA CompactFlash (Read/Write)

--- System Configuration Dialog ---
Continue with configuration dialog? [yes/no]: n

Press RETURN to get started!

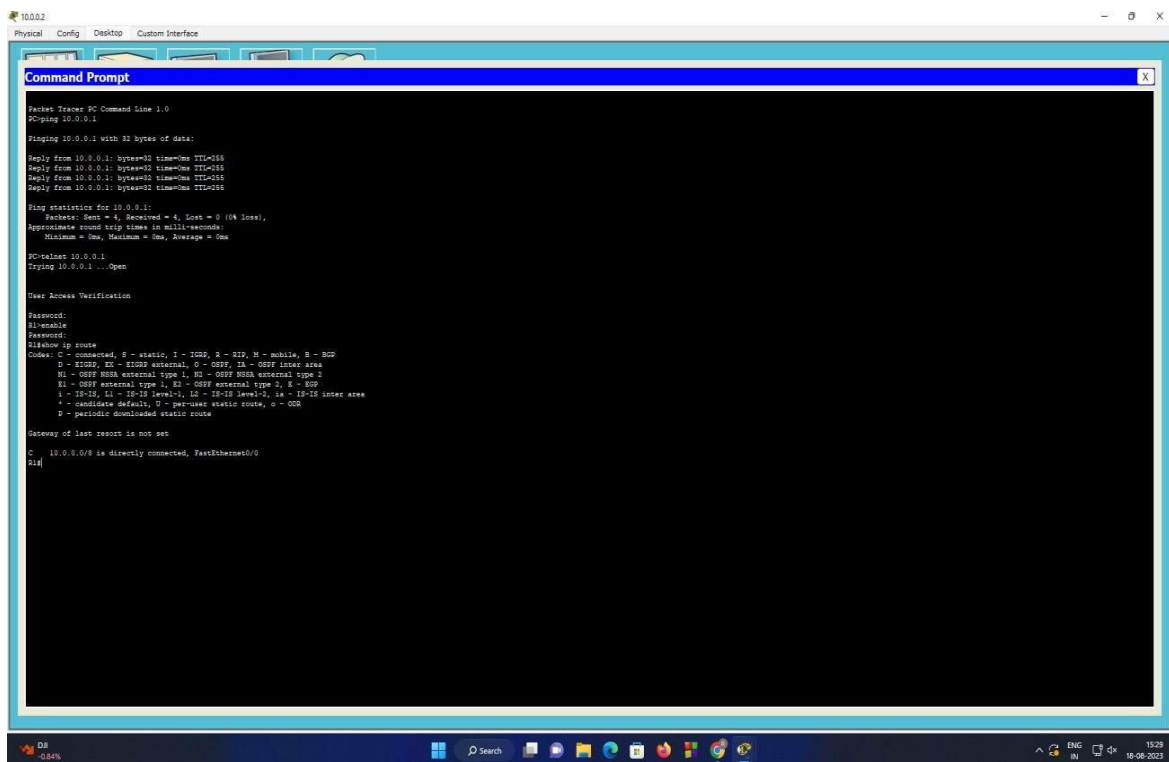
Router>enable
Router>config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname R1
R1(config)#enable secret 21
R1(config)#interface Fa0/0
R1(config-if)#ip address 10.0.0.1 255.0.0.0
R1(config-if)#no shut

R1(config-if)#
%LINK-3-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-3-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

R1(config-if)#line vty 0 4
R1(config-if-line)#login
% Login disabled on line 112, until 'password' is set
% Login disabled on line 113, until 'password' is set
% Login disabled on line 114, until 'password' is set
% Login disabled on line 115, until 'password' is set
% Login disabled on line 116, until 'password' is set
% Login disabled on line 117, until 'password' is set
R1(config-if-line)#password P0
R1(config-if-line)#exit
R1(config)#exit
R1#
%SYS-5-CONFIG2_1: Configured from console by console

R1#>
Building configuration....
[OK]
R1#
```

PING COMMAND:



```
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=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
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 = 0ms, Average = 0ms
PC>telnet 10.0.0.1
Trying 10.0.0.1 ...Open

User Access Verification

Password:
Username:
Password:
Enter escape sequence
Codes: C - connected, S - static, I - IGMP, R - RIP, M - mobile, B - BGP
        D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
        EI - OSPF NSSA external type 1, E2 - OSPF NSSA external type 2
        E1 - OSPF external type 1, E2 - OSPF external type 2, S - BGP
        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, s - BGP
        P - periodic downloaded static route

Gateway of last resort is not set

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