

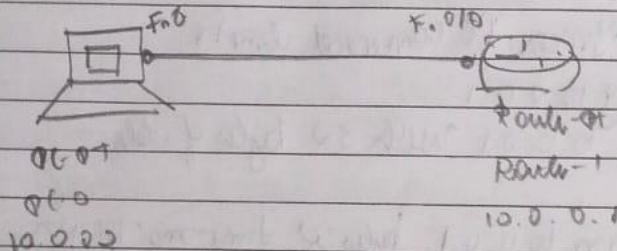
OBSERVATION

Date ___/___/___

Page ___

14/07/23 Aim - To understand the operation of TFTP by accessing the router in server room from OTC in IT office

Topology



Procedure

- Create a topology as shown above
- → Configure the IP address & gateway for PC
- Configure the router by executing the following commands

- Step 1 - enable
 - Step 2 - Config T
 - Step 3 - hostname 21
 - Step 4 - Enable serial 0/0
 - Step 5 - Unlink serial channel 0/0
 - Step 6 - ip address 10.0.0.1 255.0.0.0
 - Step 7 - no shut
 - Step 8 - line vty 0 5
 - Step 9 - login
 - Step 10 - password pc
 - Step 11 - exit ; exit
 - Step 12 - wr
- Ping message to router

Password for user been verified as 00.
password for credit as 01
Accessary route as 1 from 01.
Show 10 route

Ping Output

Paket traces PC command line 18
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 > delnet 10.0.0.1
Typing 10.0.0.1 ... open
User been verified as
Password 00

017 credit

Password: 01

1) # Show 10 route

0 10.0.0.0/8 is directly connected, fastEthernet 0/0

Disclaimer

Telnet stands for Teletype Network. It is a type of protocol that enables one computer to connect to the local computer.

- Used as standard TCP/IP protocol for virtual terminal services provided by ISO.

- During Telnet operation, whatever is being performed on the remote computer will be displayed by the local computer.

- Operates on a client/server principle.

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TOPOLOGY & OUTPUT

Cisco Packet Tracer Student - C:\Users\sanja\Cisco Packet Tracer 6.2sv\saves\telnet.pkt

File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport

Simulation Panel

Event List

Vis.	Time(sec)	Last De	At Dev	Type	Info
	36.934	--	Rout...	CDP	
	36.935	Router0	PC0	CDP	
	96.934	--	Rout...	CDP	
	96.935	Router0	PC0	CDP	
	156.934	--	Rout...	CDP	

Reset Simulation ☒ Constant Delay Captured to: 156.934 s

Play Controls

Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, RADIUS, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:03:00.519 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0

New Delete

Fire Last Statu Sourc Destinatic Type Colo Time(s) Period Num Edit Delete

Successful PC0 Router0 IC... 0.000 N 0 (ed... (delete)

PC0

Physical Config Desktop Custom Interface

Command Prompt

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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=1ms 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:
r1>enable
Password:
r1#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
r1#
```

