

Experiment 3.1

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Branch: CSE

Section/Group: 607A

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Subject Name: Computer Networking Lab

Subject Code: 22E-20CSP-257

1) Aim/Overview of the practical:

Create a network that implement the FTP server.

2) Task to be done/ Which logistics used:

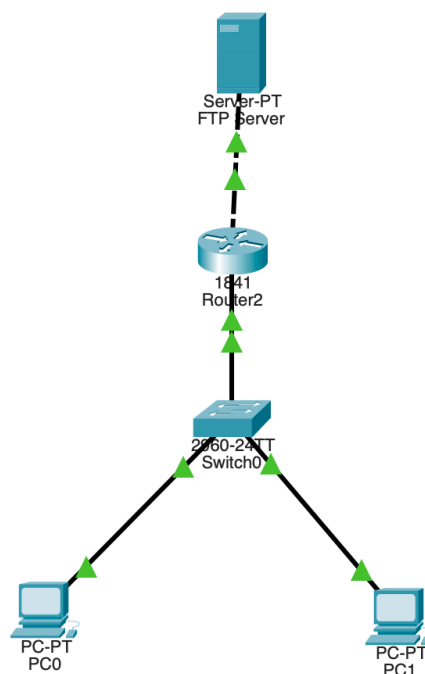
To create a network that implement the FTP server.

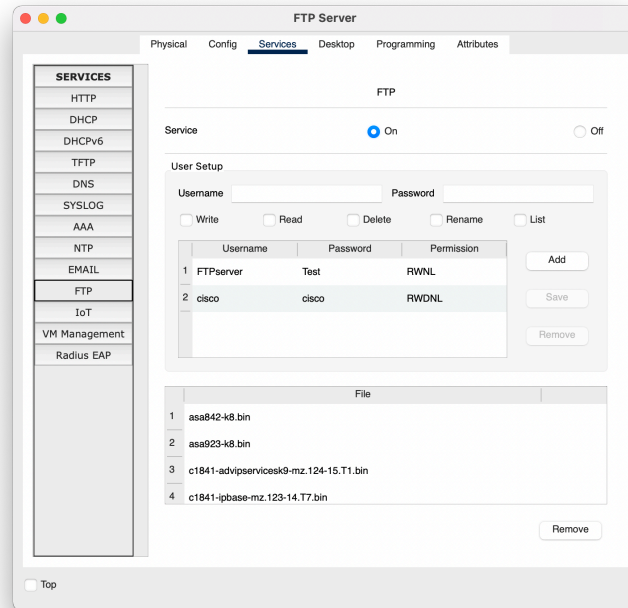
Cisco Packet Tracer

3) Steps for experiment/practical/Code:

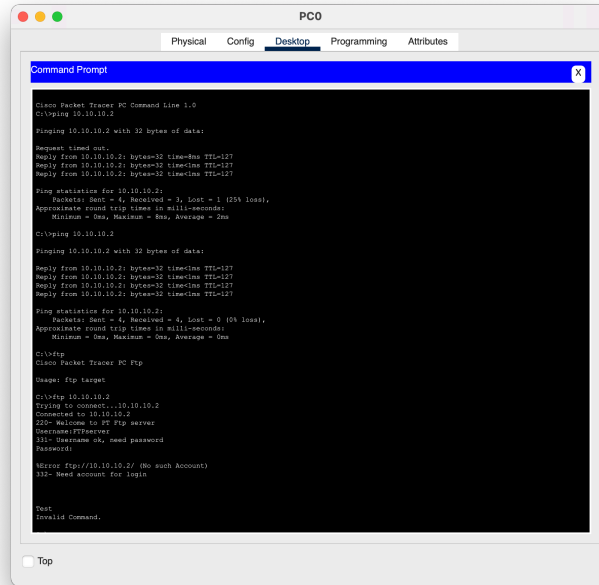
1. We made connection with the server, switch, router and the systems/PC in the packet tracer software.
2. We assigned the IP and gateway address to the computers/PC, server, routes.
3. Then we ping command in the PC0 for testing that the pc is able to contact with FTP server.
4. Then we uploaded and downloaded Hello.txt file from PC0 and in PC1 respectively.

4. Result/Output/Writing Summary:





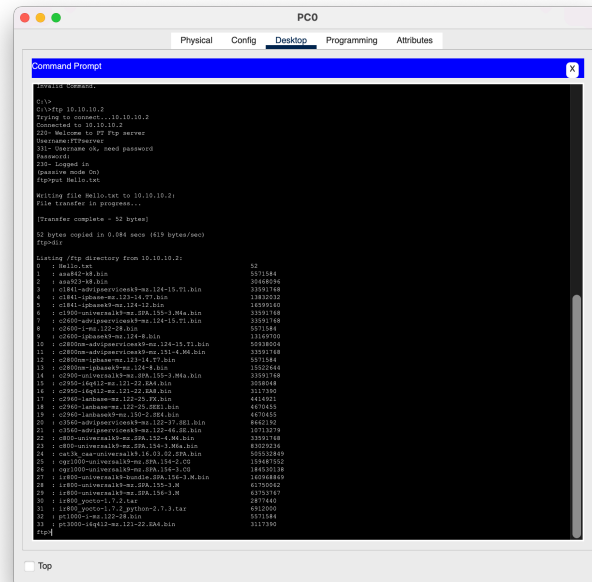
Outcome:



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PC0
Physical Config Desktop Programming Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.10.10.2
Pinging 10.10.10.2 with 32 bytes of data:
Request timed out.
Reply from 10.10.10.2: bytes=32 time=0ms TTL=127
Reply from 10.10.10.2: bytes=32 time=0ms TTL=127
Reply from 10.10.10.2: bytes=32 time=0ms TTL=127
Ping statistics for 10.10.10.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>ping 10.10.10.2
Pinging 10.10.10.2 with 32 bytes of data:
Reply from 10.10.10.2: bytes=32 time=0ms TTL=127
Reply from 10.10.10.2: bytes=32 time=0ms TTL=127
Reply from 10.10.10.2: bytes=32 time=0ms TTL=127
Reply from 10.10.10.2: bytes=32 time=0ms TTL=127
Ping statistics for 10.10.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>ftp
Cisco Packet Tracer PC Ftp
Usage: ftp target
C:\>ftp 10.10.10.2
Trying to connect... 10.10.10.2
Connected to 10.10.10.2
220-Welcome to FTP server
Username:FTPserver
Username:FTPserver
331-Username ok, need password
Password:
Moran ftp://10.10.10.2/ (No such Account)
332-Need account for login
Quit
Quoted Command.

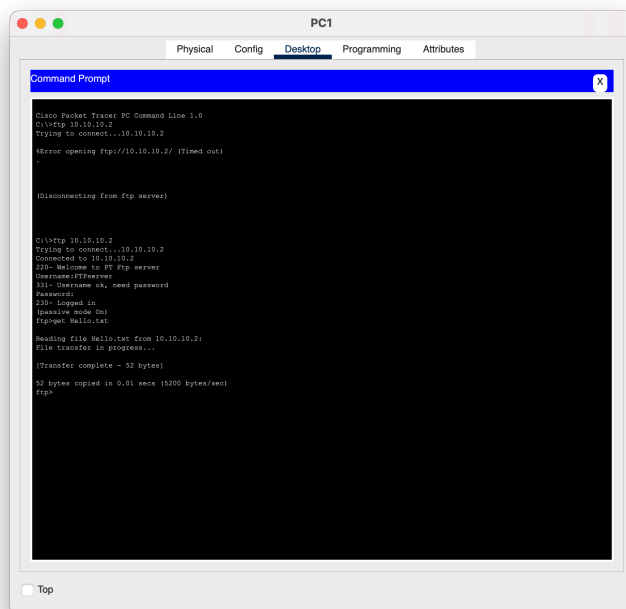
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PC0
Physical Config Desktop Programming Attributes
Command Prompt
c:\>cd c:\
C:\>ftp 10.10.10.2
Trying to connect... 10.10.10.2
Connected to 10.10.10.2
220-Welcome to FTP server
Username:FTPserver
Username:FTPserver
331-Username ok, need password
Password:
FTP: logged in
(anonymous mode on)
ftp>put Hello.txt
Writing file Hello.txt to 10.10.10.2:
File transfer in progress...
[Transfer complete = 52 bytes]
32 bytes copied in 0.004 secs (615 bytes/sec)
ftp>ls
Listing /ftp directory from 10.10.10.2:
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1076 . 1010
1077 . 1010
1078 . 1010
1079 . 1010
1080 . 1010
1081 . 1010
1082 . 1010
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1093 . 1010
1094 . 1010
1095 . 1010
1096 . 1010
1097 . 1010
1098 . 1010
1099 . 1010

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Learning outcomes (What I have learnt):

1. Learnt about Cisco Packet Tracer.
2. Learnt how the FTP server works.
3. Learnt how to upload and download file from ftp server.
- 4.
- 5.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			