



WORKSHEET-3.1

Student Name:

Branch: CSE

Semester: 4th

Subject Name: Computer Networks Lab

UID:

Section/Group:

Date of Performance:

Subject Code: 20CSP-257

AIM: Create a network that implement the FTP server.

REQUIREMENTS: Cisco packet tracer

Objective: Understand Routing Mechanism - Sharing of resources with two connected nodes.
Understanding FTP Configure a network using Link State Routing Protocol using Packet Tracer or NS2.

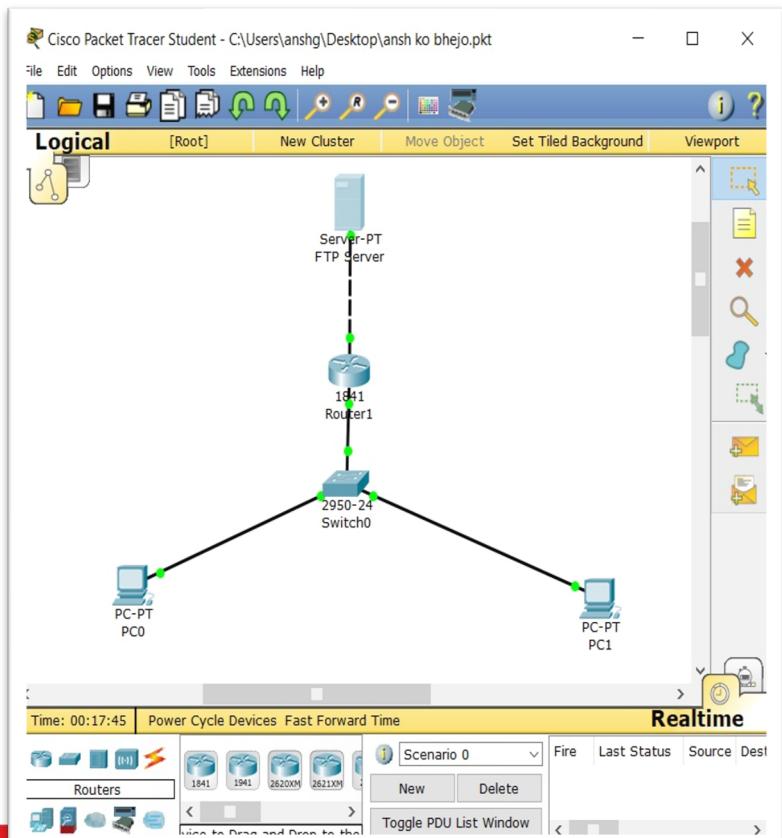
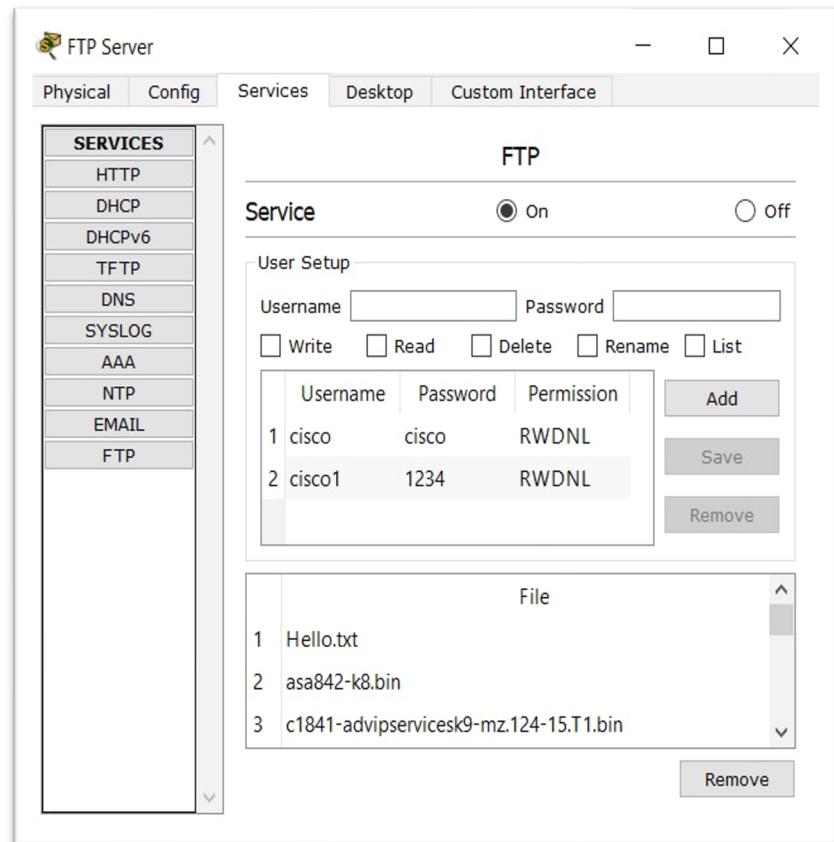
Steps:



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Result:

```
Packet Tracer SERVER Command Line 1.0
SERVER>ftp 10.10.10.2
Trying to connect...10.10.10.2
Connected to 10.10.10.2
220- Welcome to PT Ftp server
Username:cisco1
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>put Hello.txt

Writing file Hello.txt to 10.10.10.2:
File transfer in progress...

[Transfer complete - 11 bytes]

11 bytes copied in 0.000 secs (55.0 bytes/sec)
```

```
Listing /ftp directory from 10.10.10.2:
0   : Hello.txt                                11
1   : asa842-k8.bin                            5571584
2   : c1841-advp�servicesk9-mz.124-15.T1.bin  33591768
3   : c1841-ipbase-mz.123-14.T7.bin           13832032
4   : c1841-ipbasek9-mz.124-12.bin            16599160
5   : c2600-advp�servicesk9-mz.124-15.T1.bin  33591768
6   : c2600-i-mz.122-28.bin                   5571584
7   : c2600-ipbasek9-mz.124-8.bin             13169700
8   : c2800nm-advp�servicesk9-mz.124-15.T1.bin 50938004
9   : c2800nm-advp�servicesk9-mz.151-4.M4.bin  33591768
10  : c2800nm-ipbase-mz.123-14.T7.bin         5571584
11  : c2800nm-ipbasek9-mz.124-8.bin          15522644
12  : c2950-i6q4l2-mz.121-22.EA4.bin        3058048
13  : c2950-i6q4l2-mz.121-22.EA8.bin        3117390
14  : c2960-lanbase-mz.122-25.FX.bin       4414921
15  : c2960-lanbase-mz.122-25.SE1.bin      4670455
16  : c2960-lanbasek9-mz.150-2.SE4.bin     4670455
17  : c3560-advp�servicesk9-mz.122-37.SE1.bin 8662192
18  : pt1000-i-mz.122-28.bin                5571584
19  : pt3000-i6q4l2-mz.121-22.EA4.bin     3117390

ftp>
```



Command Prompt

```
SERVER>
SERVER>ping 10.10.10.2

Pinging 10.10.10.2 with 32 bytes of data:

Reply from 10.10.10.2: bytes=32 time=4ms TTL=128
Reply from 10.10.10.2: bytes=32 time=2ms TTL=128
Reply from 10.10.10.2: bytes=32 time=3ms TTL=128
Reply from 10.10.10.2: bytes=32 time=4ms TTL=128

Ping statistics for 10.10.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 4ms, Average = 3ms

SERVER>ftp
Packet Tracer PC Ftp

Usage: ftp target

SERVER>ftp 10.10.10.2
Trying to connect...10.10.10.2
Connected to 10.10.10.2
220- Welcome to PT Ftp server
Username:Ciscol

%Error ftp://10.10.10.2/ (No such Account)
332- Need account for login

Packet Tracer SERVER Command Line 1.0
SERVER>ftp 10.10.10.2
Trying to connect...10.10.10.2
Connected to 10.10.10.2
220- Welcome to PT Ftp server
Username:ciscol
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>put Hello.txt

Writing file Hello.txt to 10.10.10.2:
File transfer in progress...

[Transfer complete - 11 bytes]

11 bytes copied in 0.02 secs (550 bytes/sec)
ftp>dir
```