
WORKSHEET-3.1

Student Name:
Branch: CSE
Semester: 4th
Subject Name: Computer Networks Lab

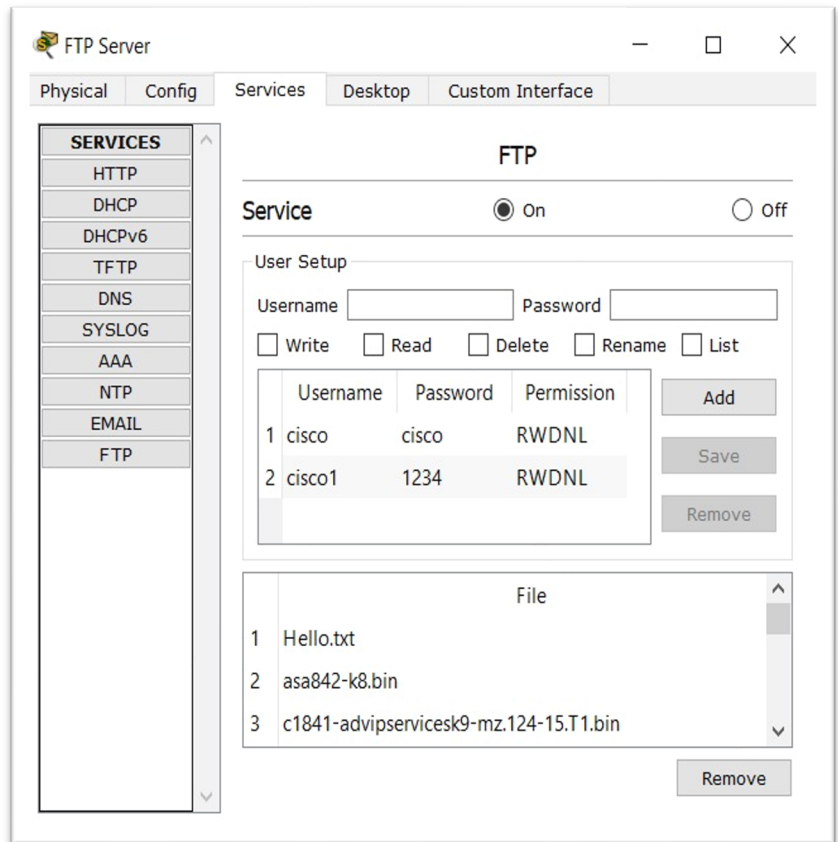
UID:
Section/Group:
Date of Performance:
Subject Code: 20CSP-257

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:



FTP Server

Physical Config Services Desktop Custom Interface

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP

FTP

Service On Off

User Setup

Username Password

Write Read Delete Rename List

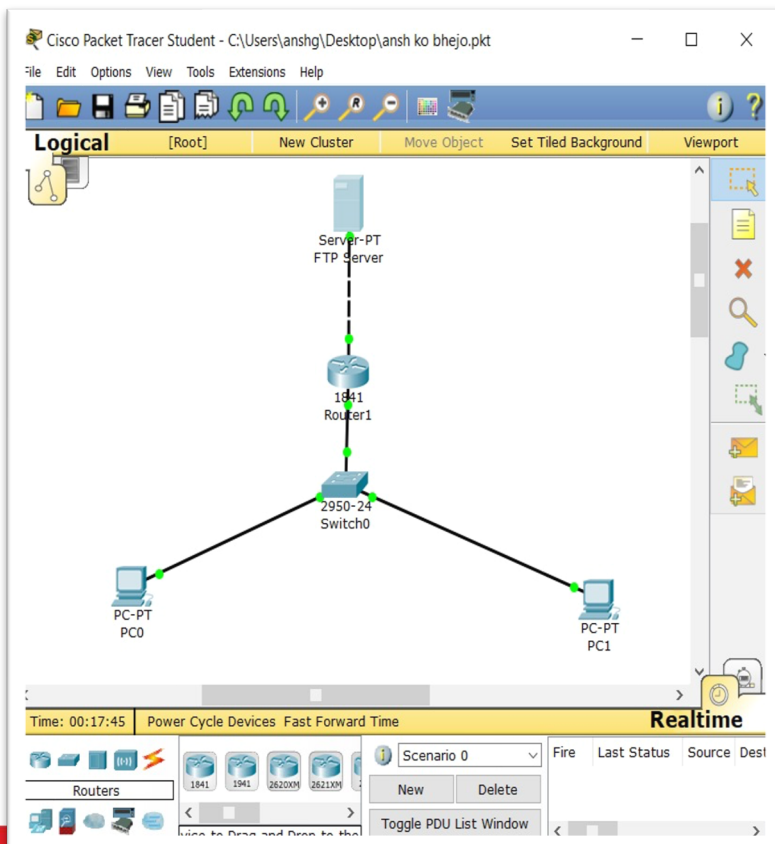
	Username	Password	Permission
1	cisco	cisco	RWDNL
2	cisco1	1234	RWDNL

Buttons: Add, Save, Remove

File

- Hello.txt
- asa842-k&.bin
- c1841-advipservicesk9-mz.124-15.T1.bin

Remove



Cisco Packet Tracer Student - C:\Users\anshg\Desktop\ansh ko bhejo.pkt

File Edit Options View Tools Extensions Help

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

Server-PT FTP Server

1841 Router1

2950-24 Switch0

PC-PT PC0

PC-PT PC1

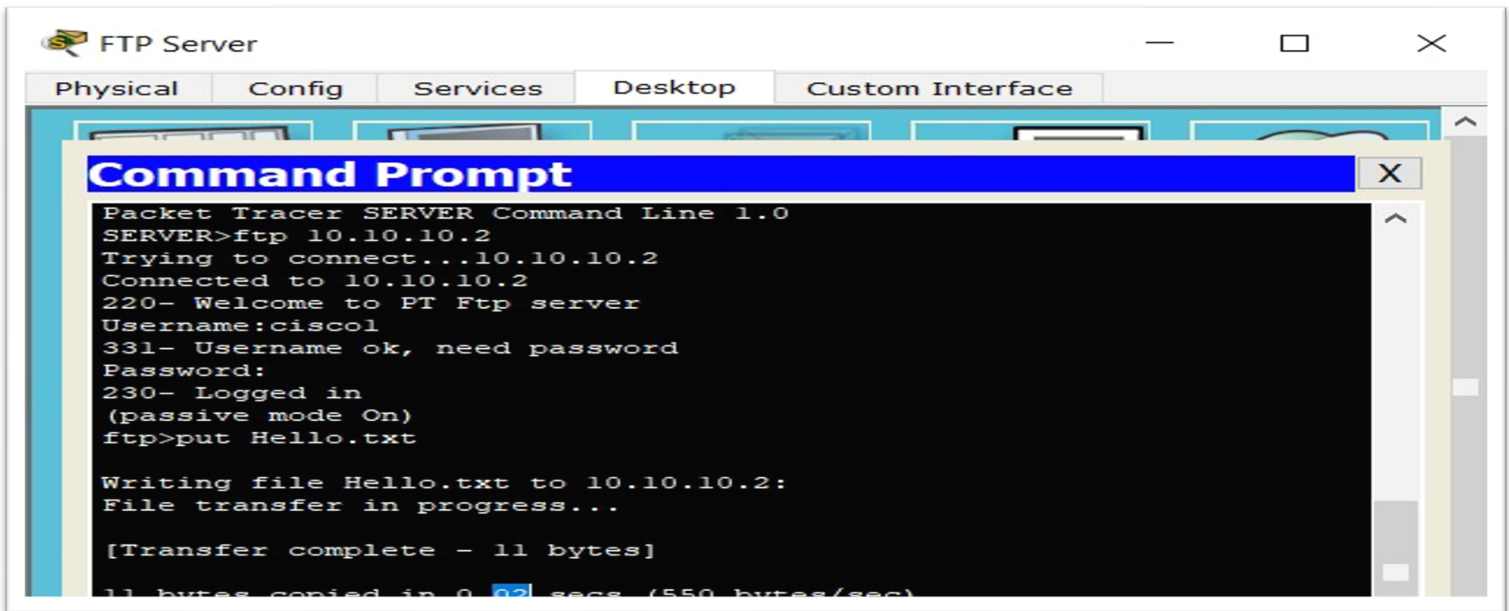
Time: 00:17:45 Power Cycle Devices Fast Forward Time Realtime

Scenario 0 Fire Last Status Source Dest

New Delete

Toggle PDU List Window

Result:



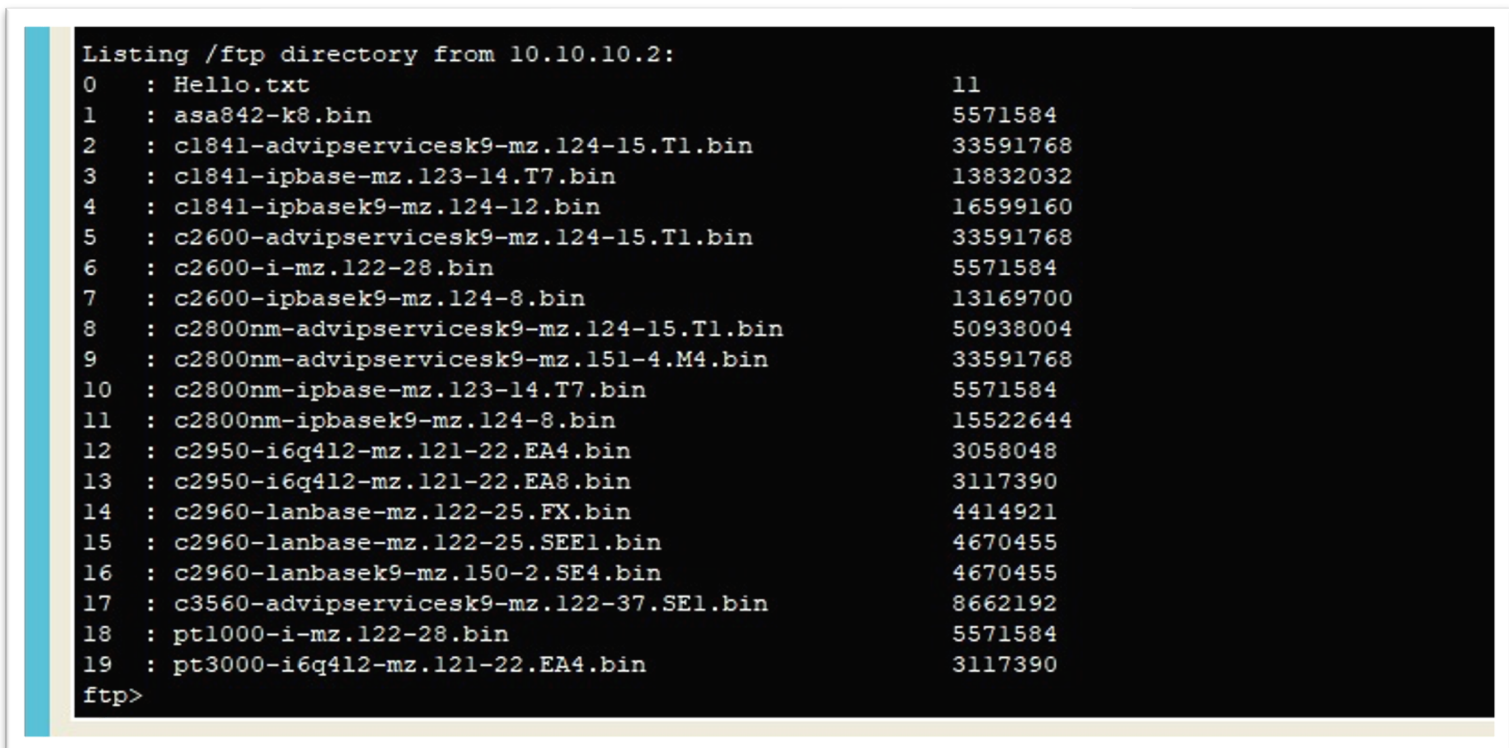
The screenshot shows the Packet Tracer interface with the 'FTP Server' window open. A 'Command Prompt' window is overlaid, displaying the following text:

```
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 0.00 secs (550 bytes/sec)
```



The screenshot shows the Packet Tracer interface with the 'FTP Server' window open. A 'Command Prompt' window is overlaid, displaying the following text:

```
Listing /ftp directory from 10.10.10.2:
0  : Hello.txt                11
1  : asa842-k8.bin            5571584
2  : c1841-advipservicesk9-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-advipservicesk9-mz.124-15.T1.bin  33591768
6  : c2600-i-mz.122-28.bin  5571584
7  : c2600-ipbasek9-mz.124-8.bin  13169700
8  : c2800nm-advipservicesk9-mz.124-15.T1.bin  50938004
9  : c2800nm-advipservicesk9-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-i6q412-mz.121-22.EA4.bin  3058048
13 : c2950-i6q412-mz.121-22.EA8.bin  3117390
14 : c2960-lanbase-mz.122-25.FX.bin  4414921
15 : c2960-lanbase-mz.122-25.SEE1.bin  4670455
16 : c2960-lanbasek9-mz.150-2.SE4.bin  4670455
17 : c3560-advipservicesk9-mz.122-37.SEE1.bin  8662192
18 : pt1000-i-mz.122-28.bin  5571584
19 : pt3000-i6q412-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
```