## LAB#05 – PART (A) – TASK#01

23K-0914

Server-PT
Server0

Fa0

FTP Server
91.40.0.2
00D0.BABD.356C

Gig0/0/1

Gateway: 91.40.0.1
0050.0F59.A302

ISR4331
Router0

Gateway: 40.0.0.1
0050.0F59.A301

Gig0/0/0

Fa0/3

2960-24TT
Fa0/1 Switch0 Fa0/2

Fa0 Fa0

PC-PT PC-PT
PC0 PC1

40.0.0.4 40.0.0.3
0005.5E05.79E7 0060.47D0.5DBA

---

Router0 — □

Physical  Config  CLI  Attributes

IOS Command Line Interface

```
export@cisco.com.

cisco ISR4331/K9 (1RU) processor with 1795999K/6147K bytes of memory.
Processor board ID FLM232010G0
3 Gigabit Ethernet interfaces
32768K bytes of non-volatile configuration memory.
4194304K bytes of physical memory.
3207167K bytes of flash memory at bootflash:.
0K bytes of WebUI ODM Files at webui:.


        --- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: no


Press RETURN to get started!


Router>enable
Router#config terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface gig0/0/0
Router(config-if)#ip address 40.0.0.1 255.0.0.0
Router(config-if)#no shut

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/0, changed state to up

Router(config-if)#interface gig0/0/1
Router(config-if)#ip address 91.40.0.1 255.0.0.0
Router(config-if)#no shut

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/1, changed state to up

Router(config-if)#
```
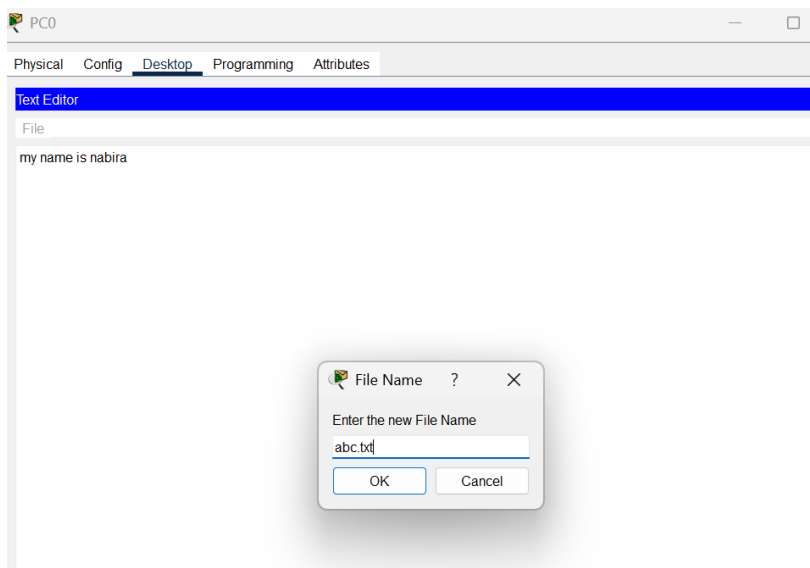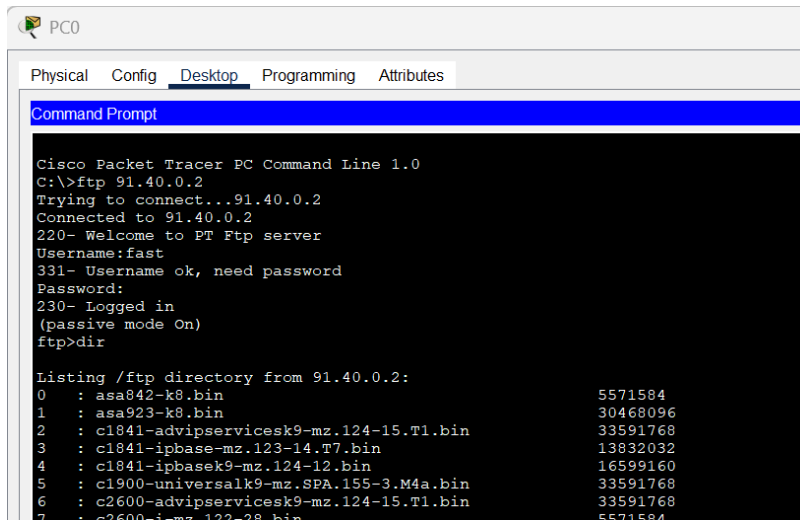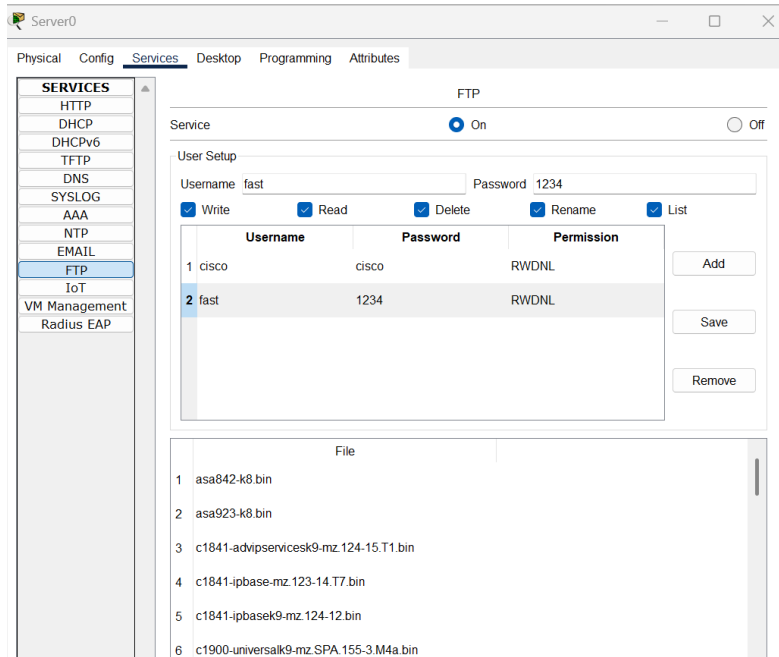
Copy

## Server0

Physical | Config | Services | Desktop | Programming | Attributes

**SERVICES**
- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

### FTP

Service     ● On      ○ Off

**User Setup**

Username | fast     Password | 1234

☑ Write    ☑ Read    ☑ Delete    ☑ Rename    ☑ List

| | Username | Password | Permission | |
|---|---|---|---|---|
| 1 | cisco | cisco | RWDNL | Add |
| 2 | fast | 1234 | RWDNL | Save |
| | | | | Remove |

| | File |
|---|---|
| 1 | asa842-k8.bin |
| 2 | asa923-k8.bin |
| 3 | c1841-advipservicesk9-mz.124-15.T1.bin |
| 4 | c1841-ipbase-mz.123-14.T7.bin |
| 5 | c1841-ipbasek9-mz.124-12.bin |
| 6 | c1900-universalk9-mz.SPA.155-3.M4a.bin |

## PC0

Physical | Config | Desktop | Programming | Attributes

**Command Prompt**

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ftp 91.40.0.2
Trying to connect...91.40.0.2
Connected to 91.40.0.2
220- Welcome to PT Ftp server
Username:fast
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>dir

Listing /ftp directory from 91.40.0.2:
0   : asa842-k8.bin                         5571584
1   : asa923-k8.bin                         30468096
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   : c1900-universalk9-mz.SPA.155-3.M4a.bin  33591768
6   : c2600-advipservicesk9-mz.124-15.T1.bin  33591768
7   : c2600-i-mz.122-28.bin                 5571584
```

## PC0

Physical | Config | Desktop | Programming | Attributes

**Text Editor**

File

my name is nabira

**File Name**   ?   ✕

Enter the new File Name

abc.txt

OK     Cancel

## PC0

Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
25  : cgr1000-universalk9-mz.SPA.156-3.CG              184530138
26  : ir800-universalk9-bundle.SPA.156-3.M.bin         160968869
27  : ir800-universalk9-mz.SPA.155-3.M                 61750062
28  : ir800-universalk9-mz.SPA.156-3.M                 63753767
29  : ir800_yocto-1.7.2.tar                            2877440
30  : ir800_yocto-1.7.2_python-2.7.3.tar              6912000
31  : pt1000-i-mz.122-28.bin                           5571584

ftp>put abc.txt

Writing file abc.txt to 91.40.0.2:
File transfer in progress...

[Transfer complete - 18 bytes]

18 bytes copied in 0.046 secs (391 bytes/sec)
ftp>dir

Listing /ftp directory from 91.40.0.2:
0   : abc.txt                                          18
1   : asa842-k8.bin                                    5571584
2   : asa923-k8.bin                                    30468096
3   : c1841-advipservicesk9-mz.124-15.T1.bin           33591768
4   : c1841-ipbase-mz.123-14.T7.bin                    13832032
5   : c1841-ipbasek9-mz.124-12.bin                     16599160
6   : c1900-universalk9-mz.SPA.155-3.M4a.bin           33591768
7   : c2600-advipservicesk9-mz.124-15.T1.bin           33591768
8   : c2600-i-mz.122-28.bin                            5571584
9   : c2600-ipbasek9-mz.124-8.bin                      13169700
```
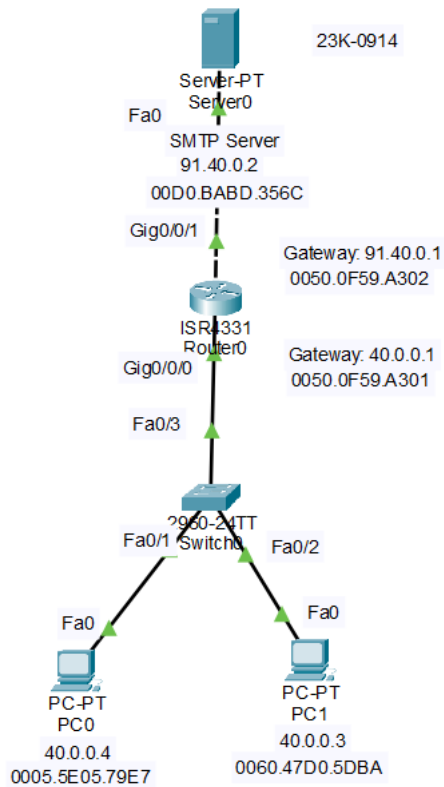
## PC1

Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
ftp>dir

Listing /ftp directory from 91.40.0.2:
0   : abc.txt                                          18
1   : asa842-k8.bin                                    5571584
2   : asa923-k8.bin                                    30468096
3   : c1841-advipservicesk9-mz.124-15.T1.bin           33591768
4   : c1841-ipbase-mz.123-14.T7.bin                    13832032
5   : c1841-ipbasek9-mz.124-12.bin                     16599160
6   : c1900-universalk9-mz.SPA.155-3.M4a.bin           33591768
7   : c2600-advipservicesk9-mz.124-15.T1.bin           33591768
8   : c2600-i-mz.122-28.bin                            5571584
9   : c2600-ipbasek9-mz.124-8.bin                      13169700
10  : c2800nm-advipservicesk9-mz.124-15.T1.bin         50938004
11  : c2800nm-advipservicesk9-mz.151-4.M4.bin          33591768
12  : c2800nm-ipbase-mz.123-14.T7.bin                  5571584
13  : c2800nm-ipbasek9-mz.124-8.bin                    15522644
14  : c2900-universalk9-mz.SPA.155-3.M4a.bin           33591768
15  : c2950-i6q4l2-mz.121-22.EA4.bin                   3058048
16  : c2950-i6q4l2-mz.121-22.EA8.bin                   3117390
17  : c2960-lanbase-mz.122-25.FX.bin                   4414921
18  : c2960-lanbase-mz.122-25.SEE1.bin                 4670455
19  : c2960-lanbasek9-mz.150-2.SE4.bin                 4670455
20  : c3560-advipservicesk9-mz.122-37.SE1.bin          8662192
21  : c3560-advipservicesk9-mz.122-46.SE.bin           10713279
22  : c800-universalk9-mz.SPA.152-4.M4.bin             33591768
23  : c800-universalk9-mz.SPA.154-3.M6a.bin            83029236
24  : cat3k_caa-universalk9.16.03.02.SPA.bin           505532849
25  : cgr1000-universalk9-mz.SPA.154-2.CG              159487552
26  : cgr1000-universalk9-mz.SPA.156-3.CG              184530138
27  : ir800-universalk9-bundle.SPA.156-3.M.bin         160968869
28  : ir800-universalk9-mz.SPA.155-3.M                 61750062
29  : ir800-universalk9-mz.SPA.156-3.M                 63753767
30  : ir800_yocto-1.7.2.tar                            2877440
31  : ir800_yocto-1.7.2_python-2.7.3.tar              6912000
32  : pt1000-i-mz.122-28.bin                           5571584
33  : pt3000-i6q4l2-mz.121-22.EA4.bin                  3117390
ftp>get abc.txt

Reading file abc.txt from 91.40.0.2:
File transfer in progress...

[Transfer complete - 18 bytes]

18 bytes copied in 0 secs
```

## LAB#05 – PART (A) – TASK#02

## PC0

Physical | Config | Desktop | Programming | Attributes

### Configure Mail

**User Information**

Your Name: nabira

Email Address: nabira@nu.edu.pk

**Server Information**

Incoming Mail Server: 91.40.0.2

Outgoing Mail Server: 91.40.0.2

**Logon Information**

User Name: nabira

Password: ●●●●

Save | Remove | Clear | Reset

## PC1

Physical | Config | Desktop | Programming | Attributes

### Configure Mail

**User Information**

Your Name: khan

Email Address: khan@nu.edu.pk

**Server Information**

Incoming Mail Server: 91.40.0.2

Outgoing Mail Server: 91.40.0.2

**Logon Information**

User Name: khan

Password: ●●●●

Save | Remove | Clear | Reset

## PC0

Physical | Config | Desktop | Programming | Attributes

### Compose Mail

Send

To: khan@nu.edu.pk

Subject: LAB#05 - PART(A)

HELLO, PLEASE SEND LAB#05 CN

## PC0

Physical   Config   Desktop   Programming   Attributes

**MAIL BROWSER** [X]

Mails

| Compose | Reply | Receive | Delete | Configure Mail |

| From | Subject | Received |
|------|---------|----------|

Sending mail to khan@nu.edu.pk , with subject : LAB#05 - PART(A) ..
Mail Server: 91.40.0.2
Send Success.

Cancel
Send/Receive

Top

## PC1

Physical   Config   Desktop   Programming   Attributes

**MAIL BROWSER** [X]

Mails

| Compose | Reply | Receive | Delete | Configure Mail |

| | From | Subject | Received |
|---|------|---------|----------|
| 1 | nabira@nu.edu.pk | LAB#05 - PART(A) | Sat Sep 27 2025 19:59:20 |

LAB#05 - PART(A)
nabira@nu.edu.pk
Sent : Sat Sep 27 2025 19:59:20

HELLO, PLEASE SEND LAB#05 CN

Receiving mail from POP3 Server 91.40.0.2
Receive Mail Success.

Cancel
Send/Receive

Top