# Weekly Assessment 6

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Week6- FTP & E-mail Server Configurations

#### **AIM**

To configure FTP & Email Servers in Cisco Packet Tracer. The objective is to enable file transfer (FTP) and email communication between PCs through a centralized server.

#### Description

we configure an FTP Server and an Email Server in Cisco Packet
Tracer using a Router for routing and a Switch for connecting only
PCs. The FTP Server allows clients to upload and download files,
while the Email Server enables sending and receiving emails
between users. The router ensures communication between different
networks, and the switch facilitates connectivity among the client
PCs.

#### **NETWORK SETUP**

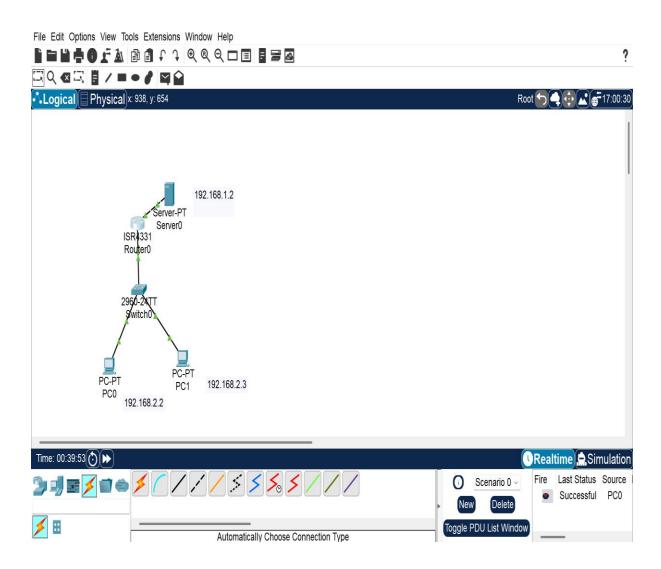
#### **Devices Required**

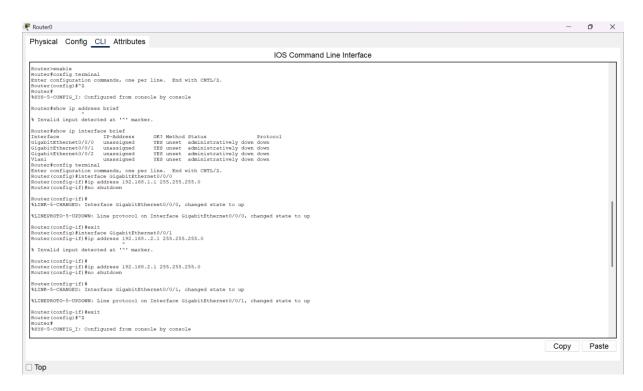
- 1 Router
- 1 Switch
- 1 Server
- 2 PCs

## **Network Addressing Scheme**

Device	IP Address	Subnet Mask	Gateway
Router (G0/0)	192.168.1.1	255.255.255.0	-
Router (G0/1)	192.168.2.1	255.255.255.0	-
Server	192.168.1.2	255.255.255.0	192.168.1.1

Device	IP Address	Subnet Mask	Gateway
PC1	192.168.2.2	255.255.255.0	192.168.2.1
PC2	192.168.2.3	255.255.255.0	192.168.2.1





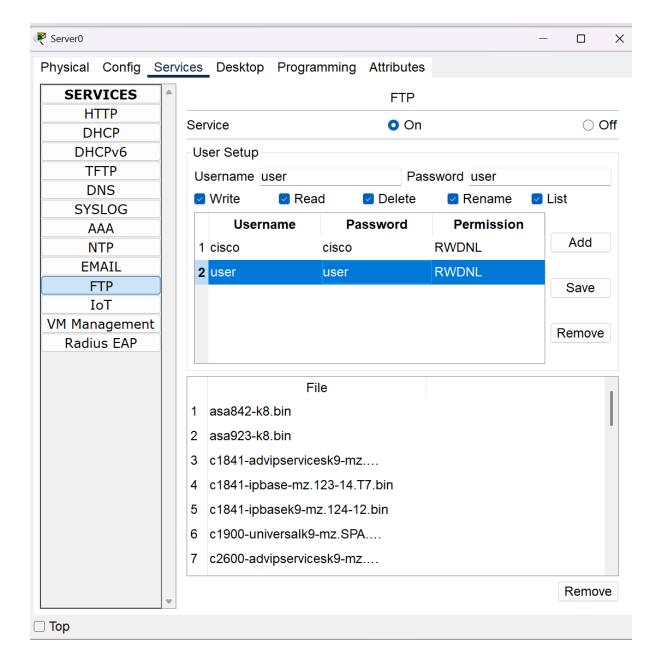
#### >> Enable FTP Service

# Go to Server → Services → FTP Turn FTP ON

Add a new user:

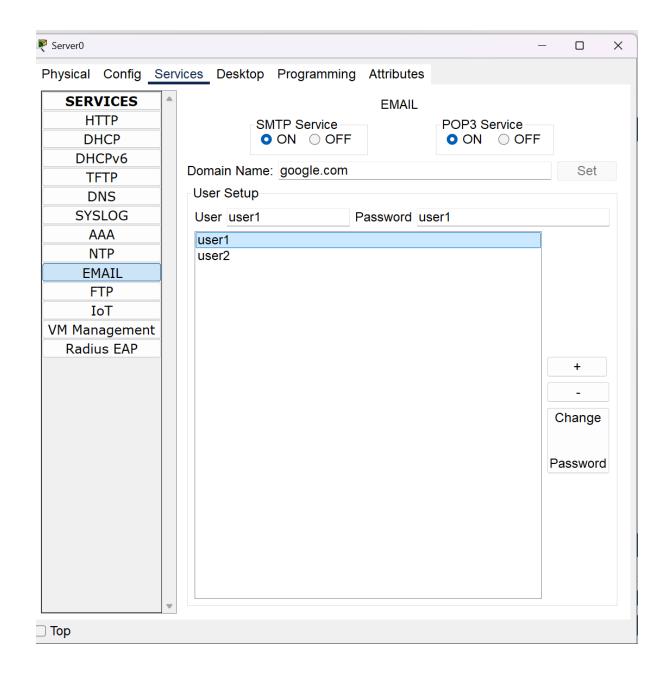
• Username: 'user'

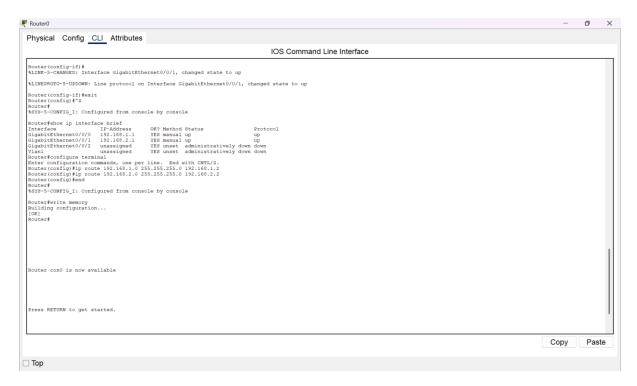
• Password: 'user'



# **Configure Email Server**

- Go to Server → Services → Email
- Turn ON SMTP & POP3 Services
- Add Users:
- **User 1:** user1@google.com (Password:user1)
- User 2: user2@google.com (Password:user2



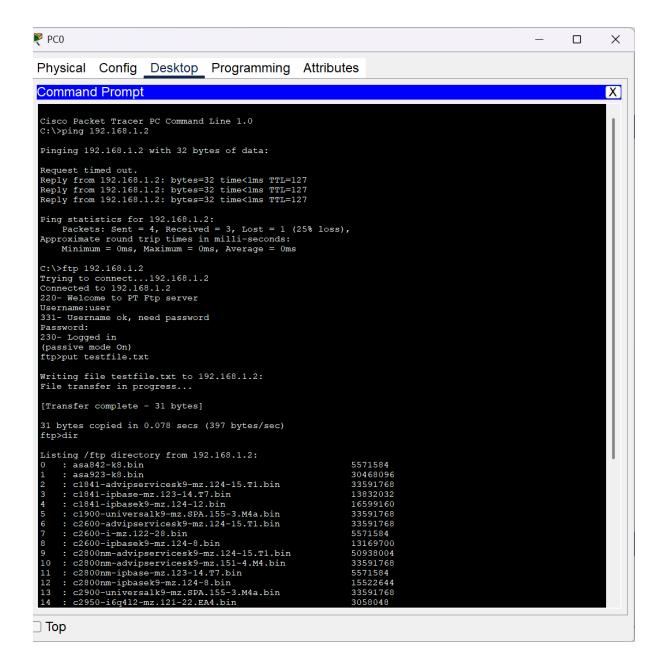


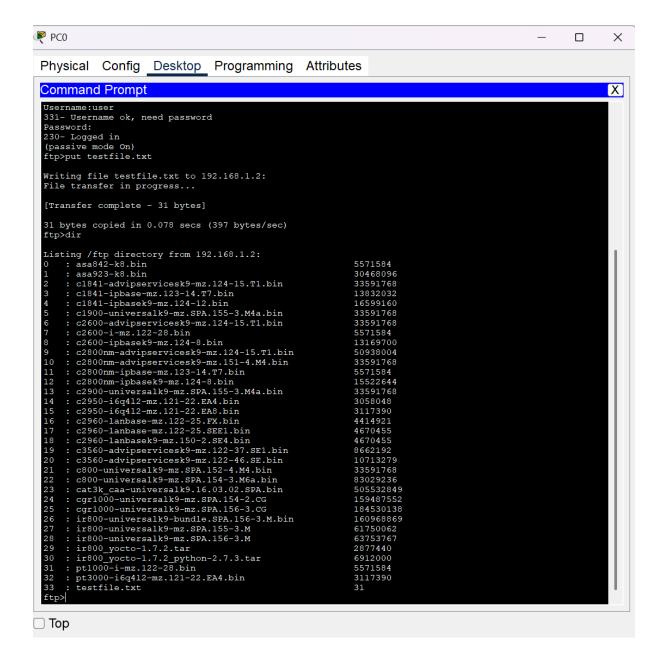
# On PC1, open Text Editor (in Desktop Tab)

- Type: Hello, this is a test file.
- Save it as testfile.txt

# Now, Open Command Prompt (PC1) $\rightarrow$ Type:

- Ping 192.168.1.2
- ftp 192.168.1.2
- put testfile.txt





#### **Configure Email Client on PC1**

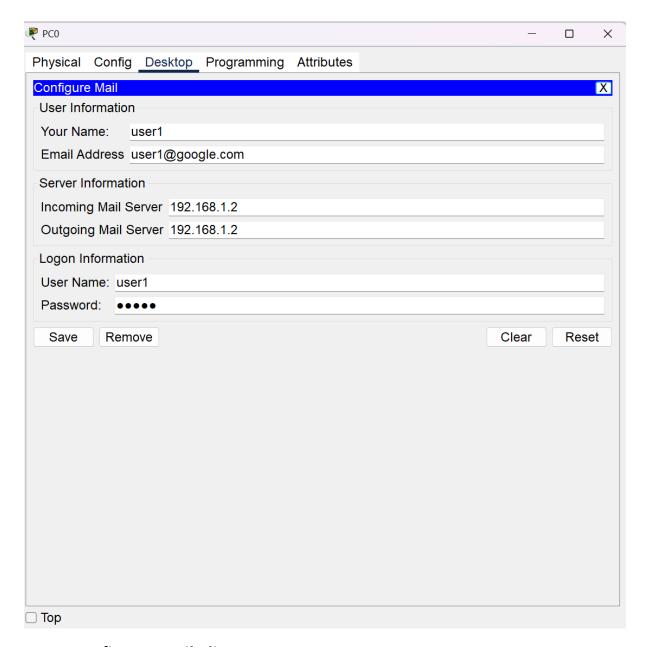
Click **PC0** → Go to **Desktop Tab** → **Email** Set:

• Email: user1@google.com

• **SMTP Server:** 192.168.1.2

POP3 Server: 192.168.1.2

Password: user1



### **Configure Email Client on PC1**

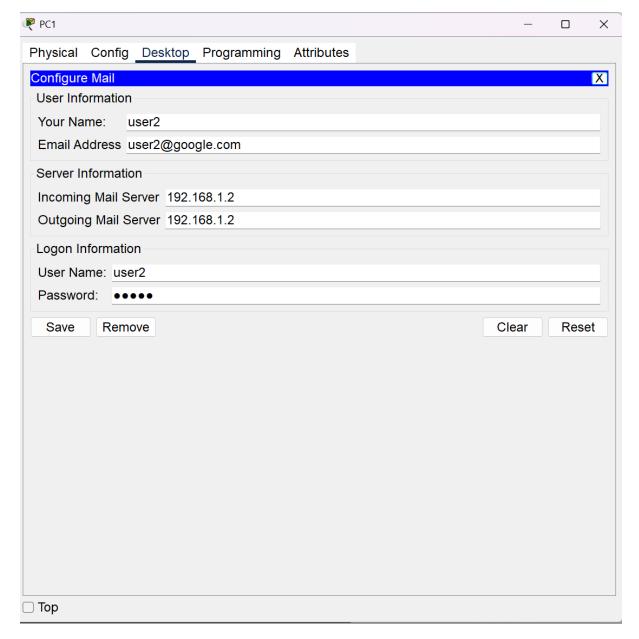
Click **PC1**  $\rightarrow$  Go to **Desktop Tab**  $\rightarrow$  **Email** Set:

Email: user2@google.com

• **SMTP Server:** 192.168.1.2

• **POP3 Server:** 192.168.1.2

Password: user2



### To receive and send email

## Open Email Client on PCO

Click **Compose** → Send an email to user2@example.com

- Subject: Hello

- Message: This is a test email.

- Click Send

# **Receiving the Email on PC1**

# Open **Email Client on PC1**Click **Receive**

