

JAVAIRA REHMAN

19P-0020

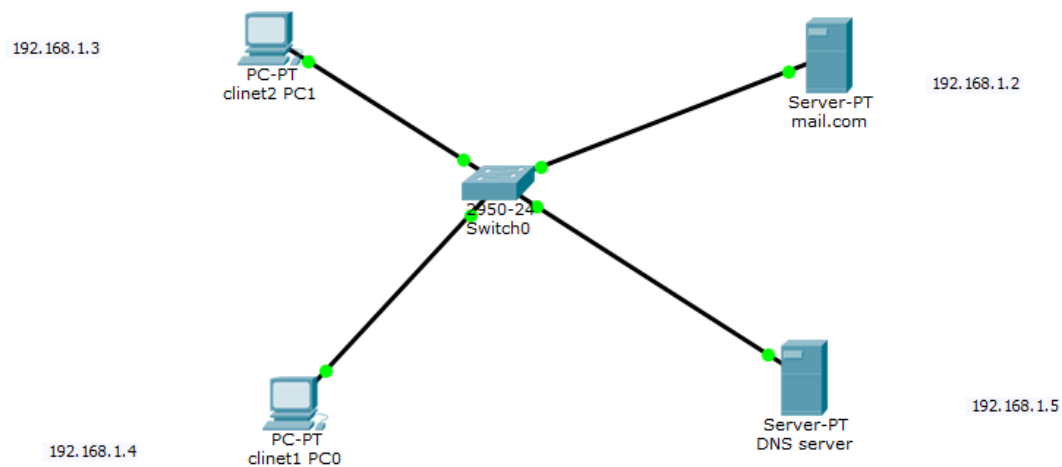
BS(CS) 19-5A

“COMPUTER NETWORKS ”

LAB TASK 6

CONFIGURATION OF MAIL SERVER ON CISCO PACKET

Step1 make scenario and label IP address.



Step 2 assign IP address and DNS IP to all computers ,dns and mail server static

PC

clinet2 PC1

Physical Config Desktop Custom Interface

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.1.3

Subnet Mask: 255.255.255.0

Default Gateway:

DNS Server: 192.168.1.5

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

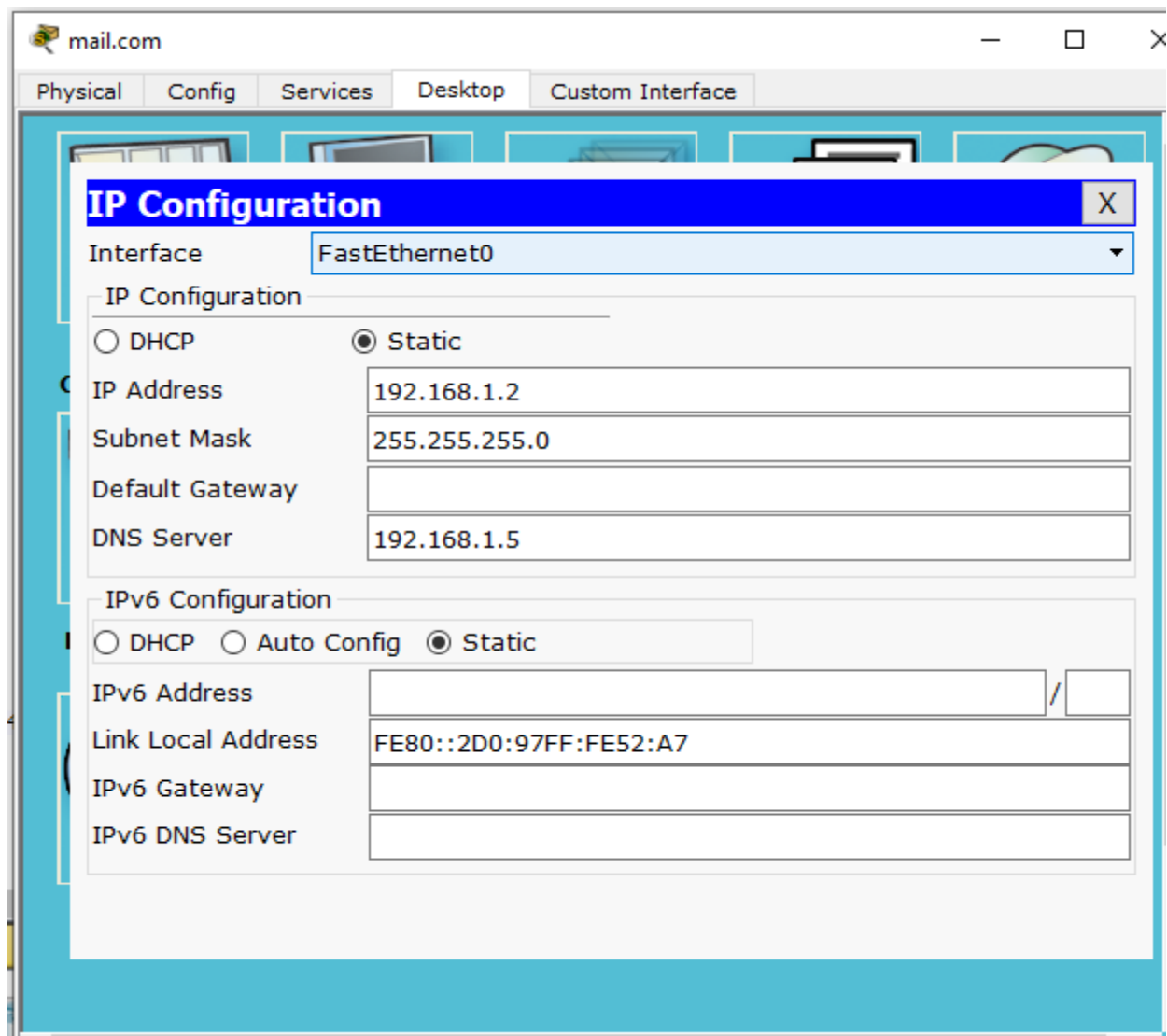
IPv6 Address: /

Link Local Address: FE80::210:11FF:FE4C:AA42

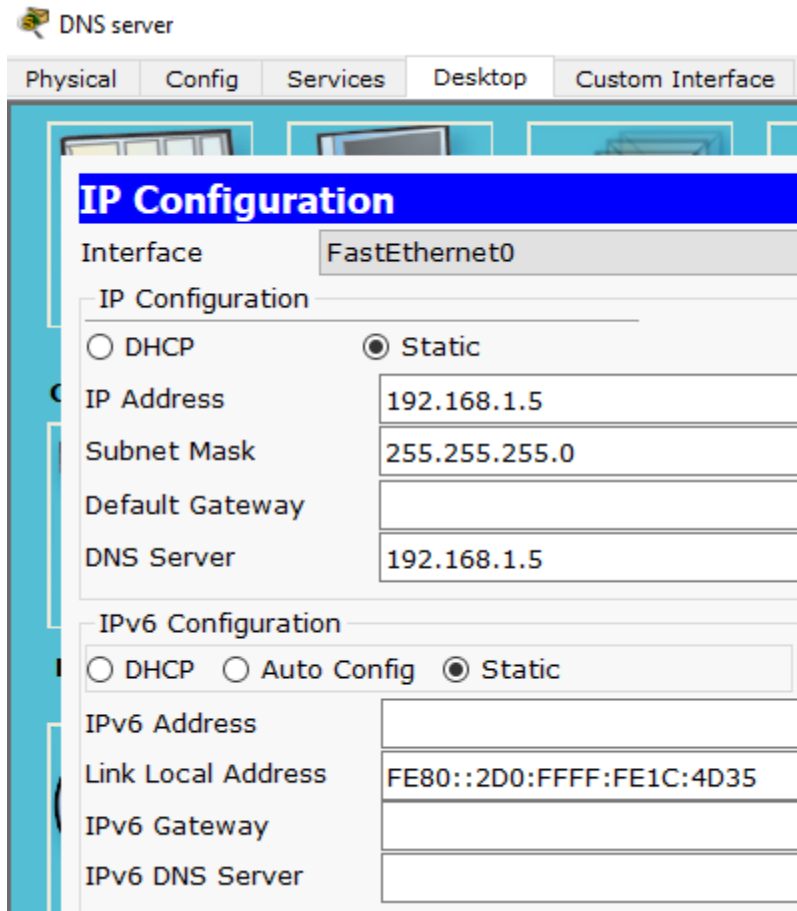
IPv6 Gateway:

IPv6 DNS Server:

MAIL



DNS



Step 3

1. Go to pc
2. Go to desktop
3. Open email
4. Assign email address and password

clinet1 PC0

Physical Config Desktop Custom Interface

Configure Mail

User Information

Your Name: client1

Email Address: client1@mail.com

Server Information

Incoming Mail Server: mail.com

Outgoing Mail Server: mail.com

Logon Information

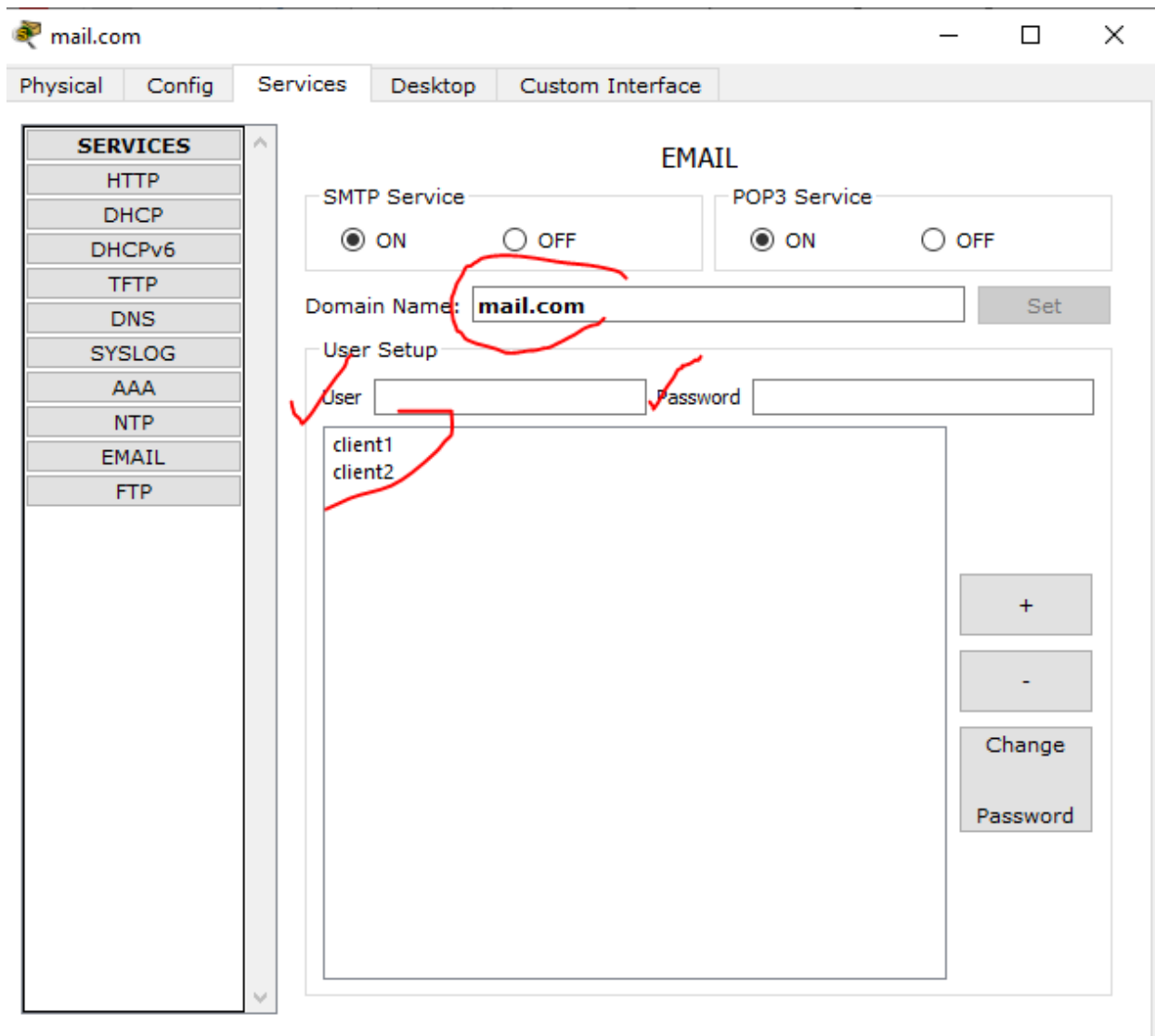
User Name: client1

Password:

Save Clear Reset

Step 4

- 1.go to mail server
- 2.go to services
- 3.add both email addresses



Step 5

Configure DNS services on service

DNS server

Physical

Config

Services

Desktop

Custom Interface

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

DNS

DNS Service

☒ On
 ☐ Off

Resource Records

Name

Type

A Record

Address

Add

Save

Remove

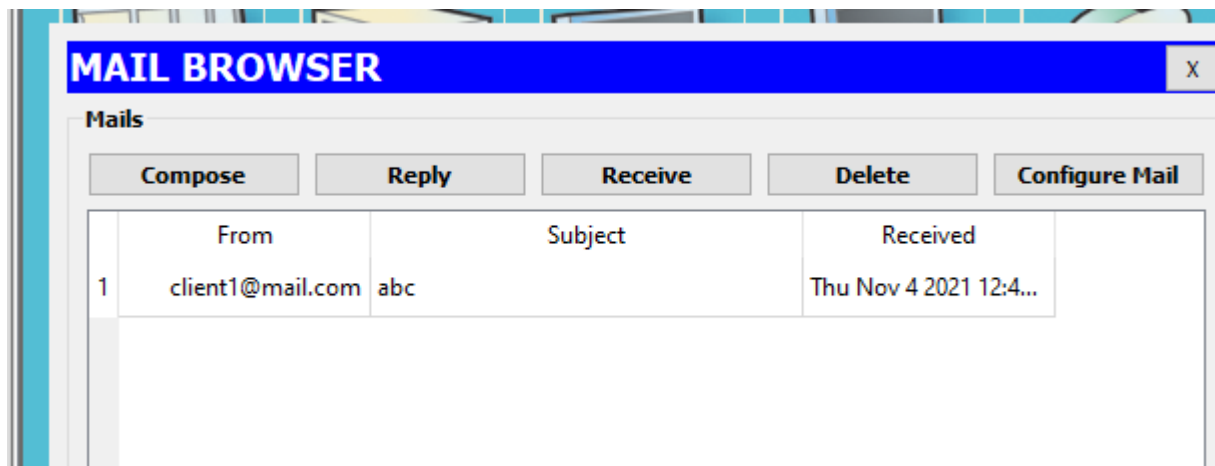
No.	Name	Type	Detail
0	mail.com	A Record	192.168.1.2

DNS Cache

Step 6 packet sending

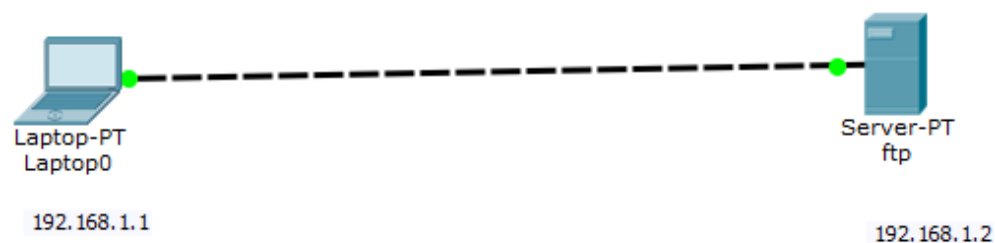
Realtime								
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num
	Successful	clinet1...	clinet2 PC1	ICMP		0.000	N	0
	Successful	clinet1...	mail.com	ICMP		0.000	N	1

Step 7 send email pc email compose write email



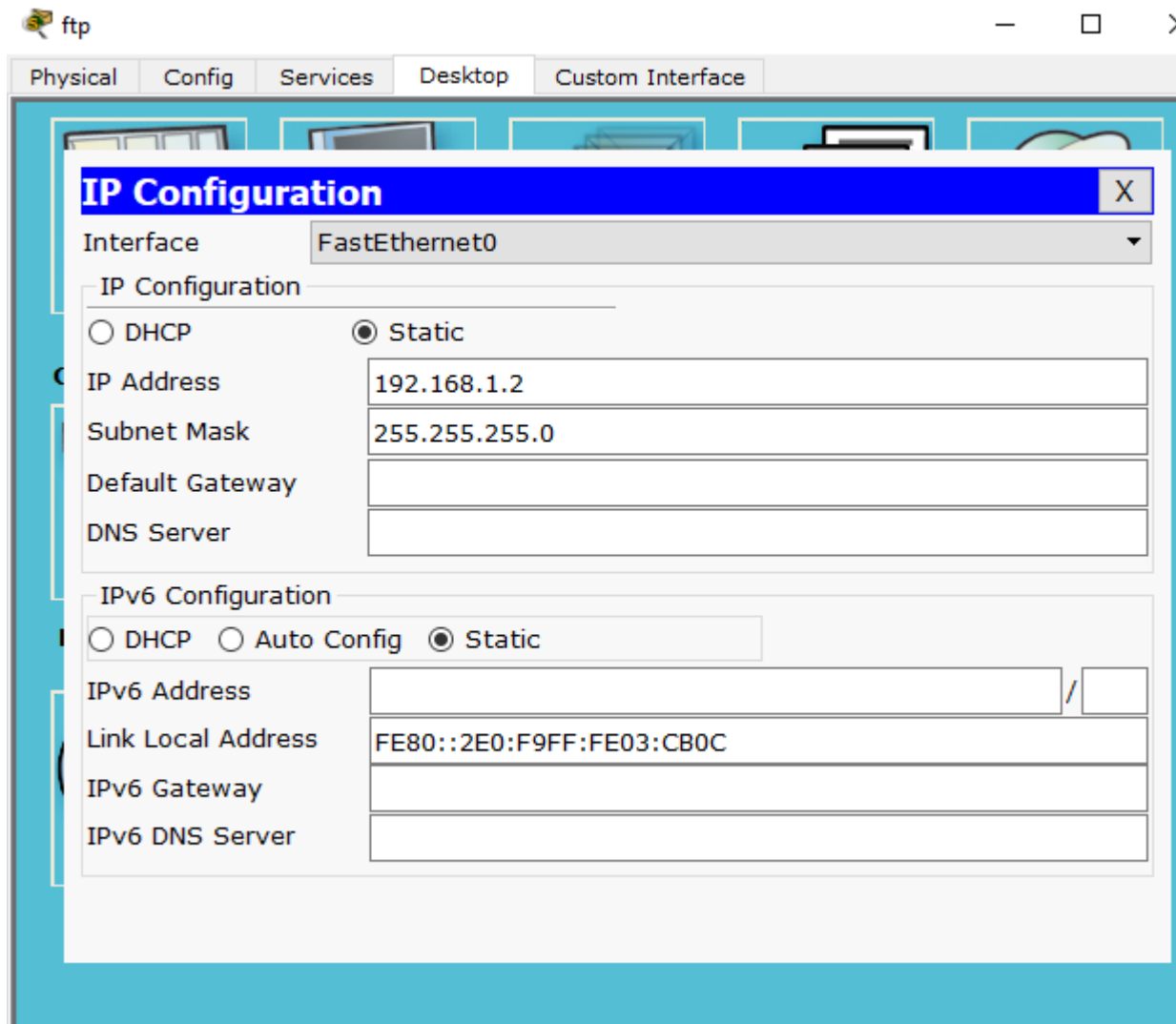
FTP:

step 1 scenario

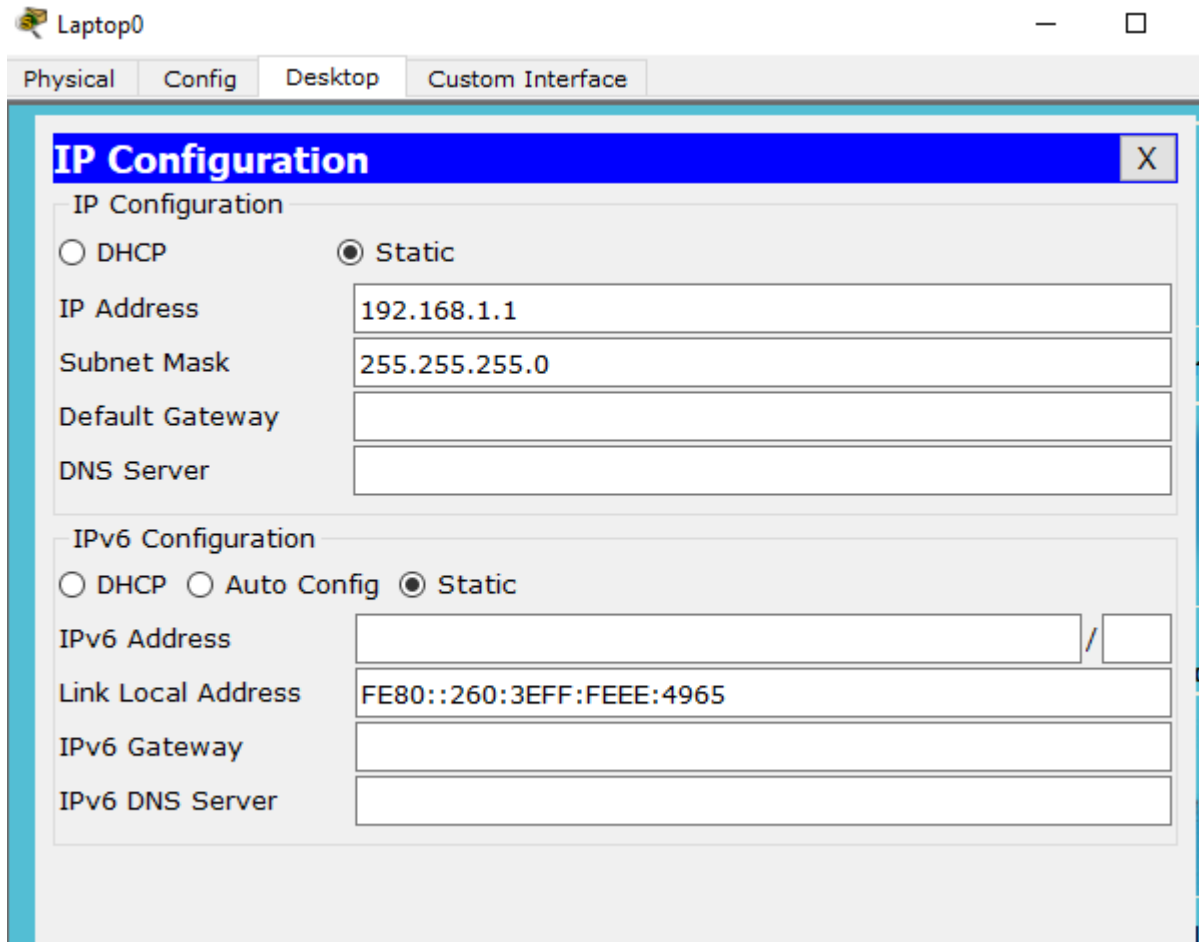


Step 2 assign IP

ftp server

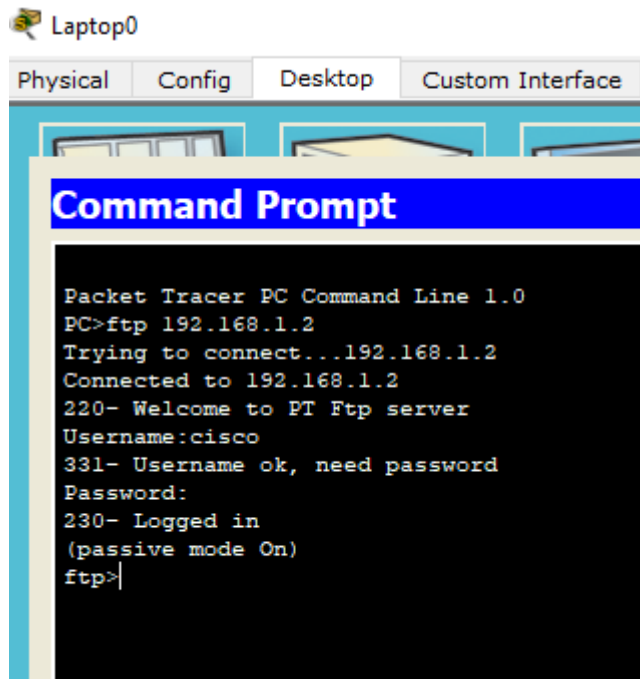


Pc



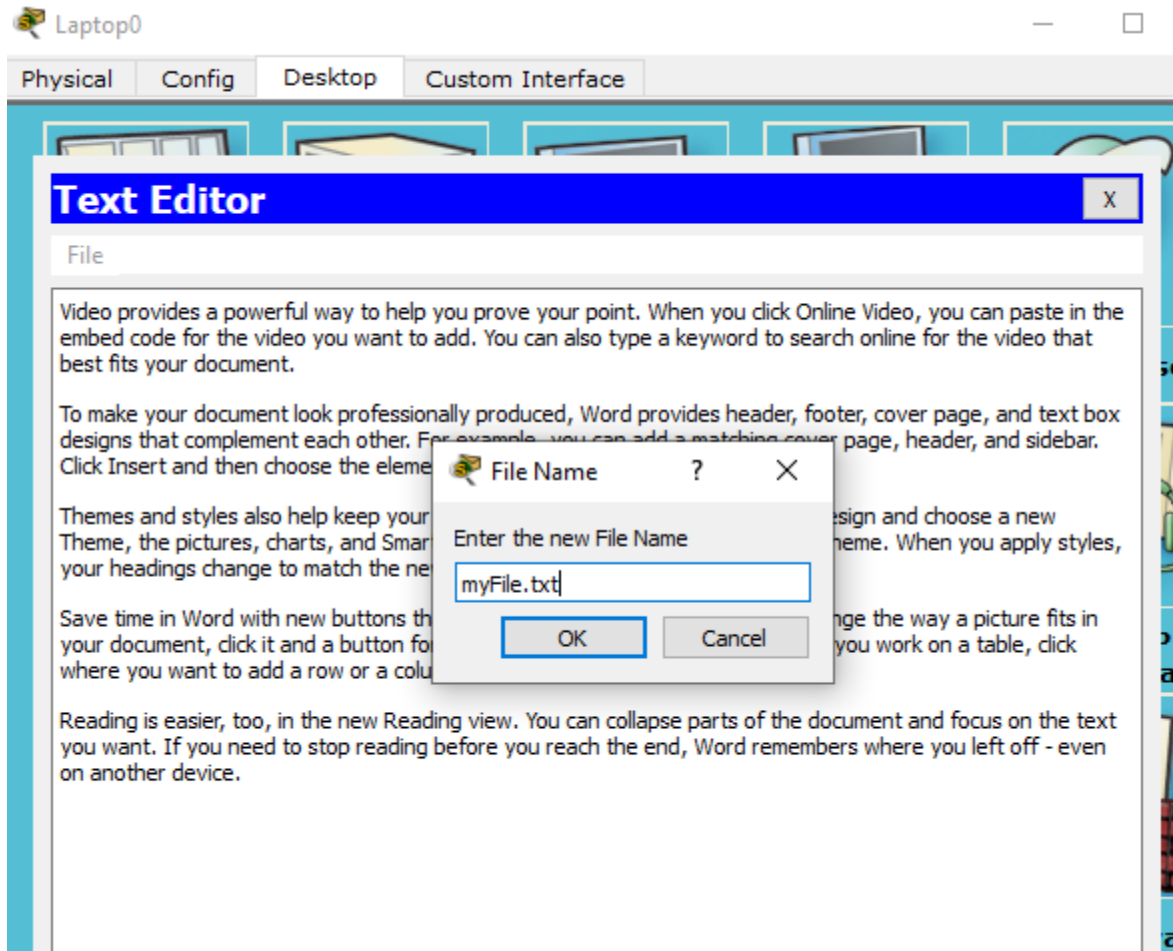
Step 3

1. go to pc
2. Go to desktop
3. Go to command prompt and connect ftp



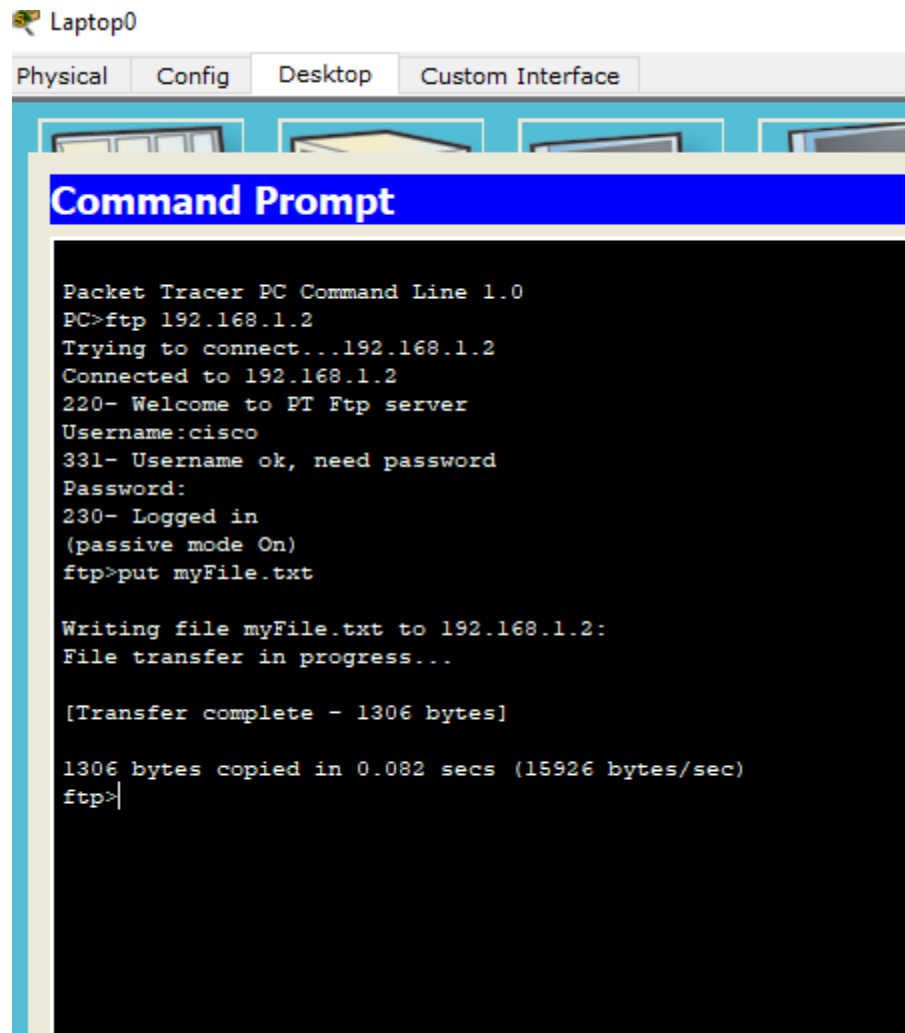
Step 4

1. Go to pc
2. Go to desktop
3. Go to file
4. Make txt file and name as myFile.txt



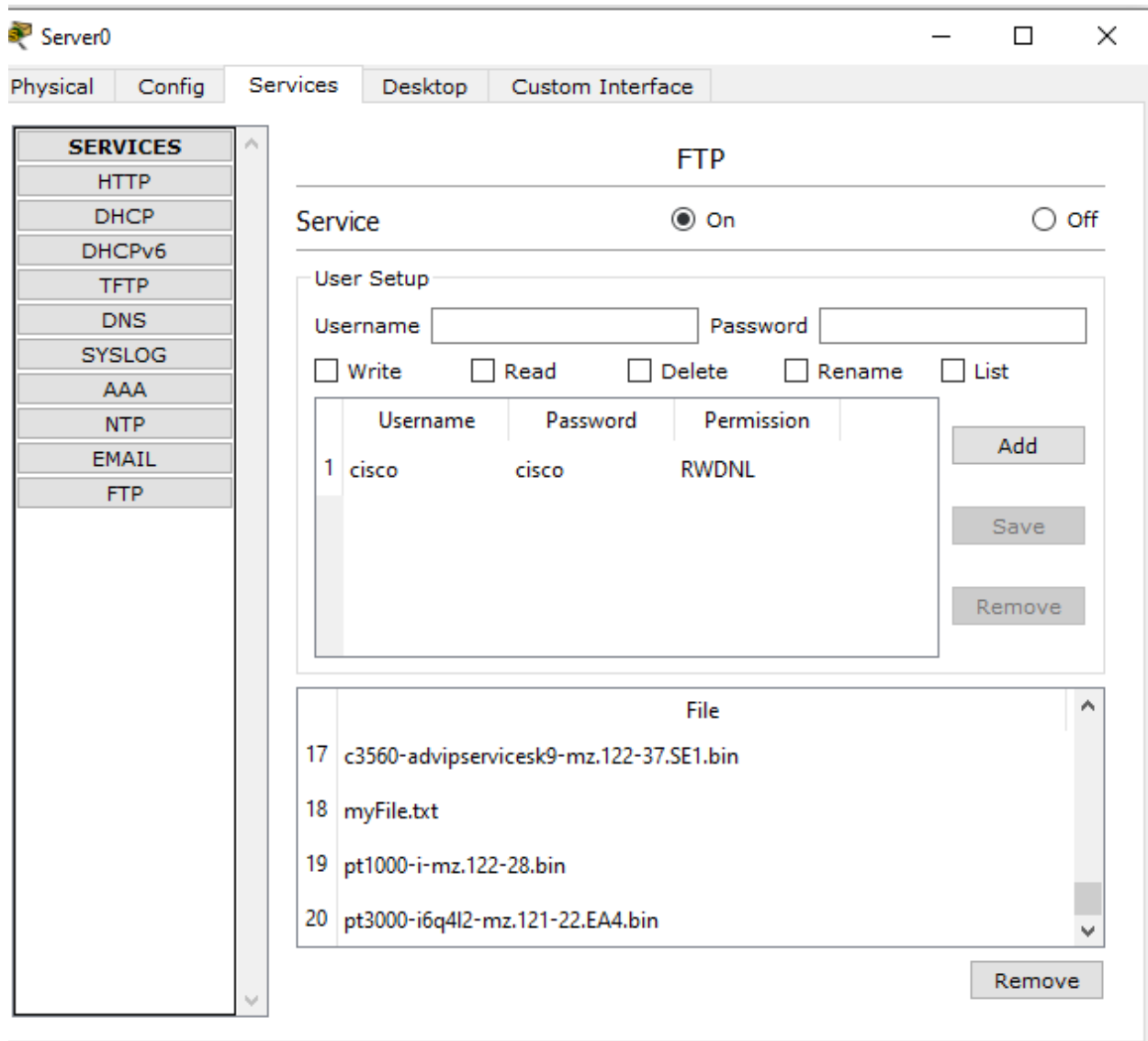
Step 5

Access it through command prompt



Step 6

1. Go to server
2. Services
3. And file user name and password



Step 7

Put myFile.txt to server

Command Prompt

```
Username:cisco
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>put myFile.txt

Writing file myFile.txt to 192.168.1.2:
File transfer in progress...

[Transfer complete - 1306 bytes]

1306 bytes copied in 0.082 secs (15926 bytes/sec)
ftp>?
?
cd
delete
dir
get
help
passive
put
pwd
quit
rename
ftp>cd /http
ftp>
Working directory changed to /http successfully
ftp>
```

Step 8

Change to http

Laptop0

Physical Config Desktop Custom Interface

Command Prompt

```
File transfer in progress...

[Transfer complete - 1306 bytes]

1306 bytes copied in 0.082 secs (15926 bytes/sec)
ftp>?
      ?
      cd
      delete
      dir
      get
      help
      passive
      put
      pwd
      quit
      rename
ftp>cd /http
ftp>
Working directory changed to /http successfully
ftp>put flex.html

Writing file flex.html to 192.168.1.2:
File transfer in progress...

[Transfer complete - 1757 bytes]

1757 bytes copied in 0.039 secs (45051 bytes/sec)
ftp>
```

Step 9 check working

