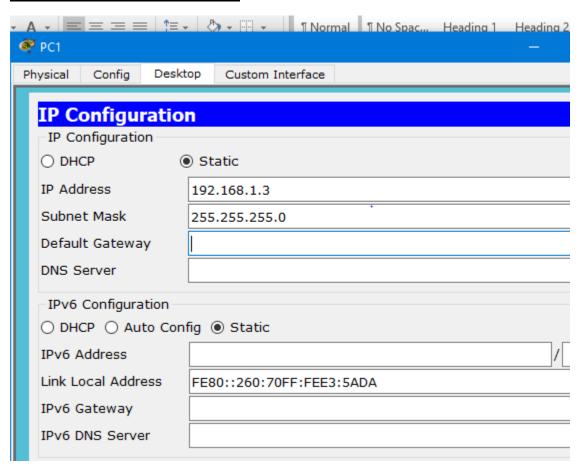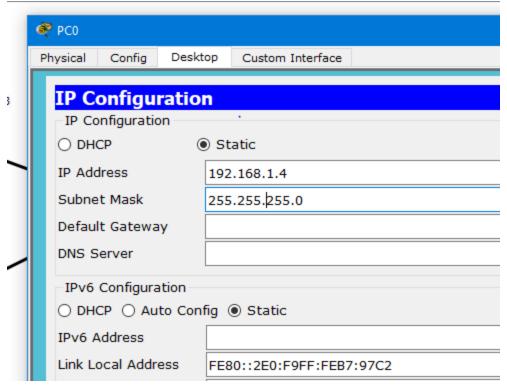# ASJID TAHIR
19p-0085
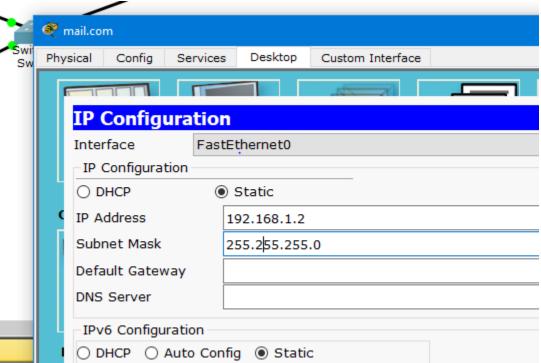
Computer Networks Lab

Lab # 06:

MAIL SENDING AND RECEIVING THROUGH IMAP AND POP3:

PC0

Physical | Config | Desktop | Custom Interface

IP Configuration

IP Configuration
○ DHCP   ● Static

IP Address   192.168.1.4

Subnet Mask   255.255.255.0

Default Gateway

DNS Server

IPv6 Configuration
○ DHCP ○ Auto Config ● Static

IPv6 Address

Link Local Address   FE80::2E0:F9FF:FEB7:97C2

---

mail.com

Physical | Config | Services | Desktop | Custom Interface

IP Configuration

Interface   FastEthernet0

IP Configuration
○ DHCP   ● Static

IP Address   192.168.1.2

Subnet Mask   255.255.255.0

Default Gateway

DNS Server

IPv6 Configuration
○ DHCP ○ Auto Config ● Static

DNS Server

Physical | Config | Services | **Desktop** | Custom Interface

IP Configuration

Interface: FastEthernet0

IP Configuration

○ DHCP   ● Static

IP Address: 192.168.1.5

Subnet Mask: 255.255.255.0

Default Gateway:

DNS Server:

IPv6 Configuration

○ DHCP ○ Auto Config ● Static

PC0

Physical | Config | **Desktop** | Custom Interface

IP Configuration

IP Configuration

○ DHCP   ● Static

IP Address: 192.168.1.4

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::2E0:F9FF:FEB7:97C2

IPv6 Gateway:

IPv6 DNS Server:

PC0

Physical | Config | Desktop | Custom Interface

Configure Mail

X

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

mail.com

Physical | Config | **Services** | Desktop | Custom Interface

SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP

EMAIL

SMTP Service
◉ ON   ○ OFF

POP3 Service
◉ ON   ○ OFF

Domain Name: **mail.com**

User Setup

User [ ]   Password [ ]

client1
client2

92.168.1.3

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

PC0

Physical | Config | Desktop | Custom Interface

Compose Mail

| Send | To: | client2@mail.com |
| | Subject: | hello |

Please find my email

Physical | Config | Desktop | Custom Interface

MAIL BROWSER

Mails

| Compose | Reply | Receive | Delete | Configure Ma |

From	Subject	Received	

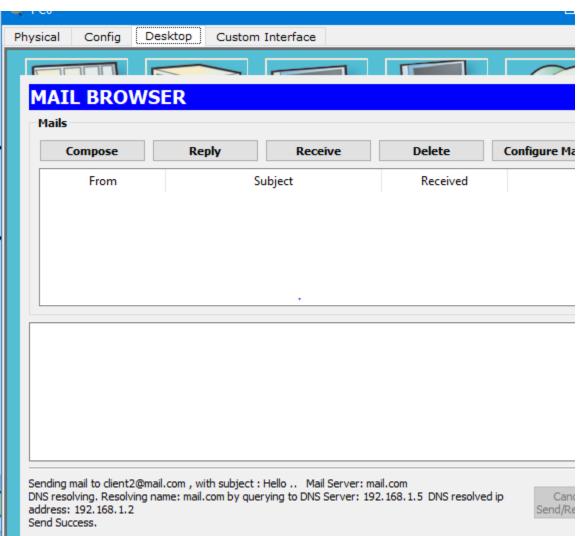Sending mail to client2@mail.com , with subject : Hello ..   Mail Server: mail.com
DNS resolving. Resolving name: mail.com by querying to DNS Server: 192.168.1.5 DNS resolved ip
address: 192.168.1.2
Send Success.

Canc
Send/Re

PC1

Physical | Config | **Desktop** | Custom Interface

MAIL BROWSER   [X]

Mails

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

	From	Subject	Received
1	client1@mail.com	Hello	Wed Oct 27 2021 11:...

¶ Normal | ¶ No S

PC1

Physical | Config | **Desktop** | Custom Interface

Reply Mail

Send	To:	client1@mail.com
	Subject:	RE: Hello

Thankyou! received

Subject : Hello
From : client1@mail.com
Sent : Wed Oct 27 2021 11:54:58

Please find my email

PC0

Physical | Config | Desktop | Custom Interface

MAIL BROWSER   X

Mails

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

	From	Subject	Received
1	client2@mail.com	RE: Hello	Wed Oct 27 2021 11:...

Thankyou! received

Subject : Hello
From : client1@mail.com
Sent : Wed Oct 27 2021 11:54:58

Please find my email

Receiving mail from POP3 Server mail.com
DNS resolving. Resolving name: mail.com by querying to DNS Server: 192.168.1.5 DNS resolved ip
address: 192.168.1.2
Receive Mail Success.

Cancel
Send/Receive

File   Edit   Options   View   Tools   Extensions   Help

Logical   [Root]   New Cluster   Move Object   Set Tiled Background

192.168.1.3

PC-PT
PC1

Server-PT
mail.com   192.168.1.2

Switch-PT
Switch0

PC-PT
PC0

Server-PT
DNS Server   192.168.1.5

192.168.1.4