

Experiment No : 07
Experiment Name : Implementation of Email Service.

Objective:

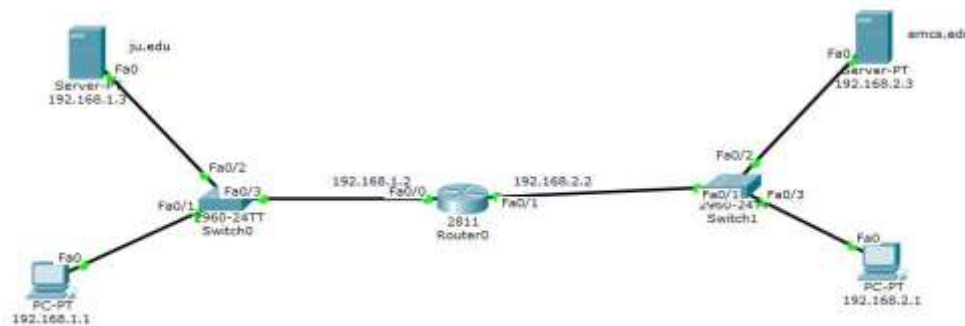
In this experiment, we are going to implement Email service using 'CISCO Packet Tracer'. Here, we use a sample network diagram it contains 2 switches, 1 Router, 2 mail servers and 2 PCs.

Server1: IP: 192.168.1.3
DNS name: ju.edu
Server2: IP: 192.168.2.3
DNS name: emcs.edu

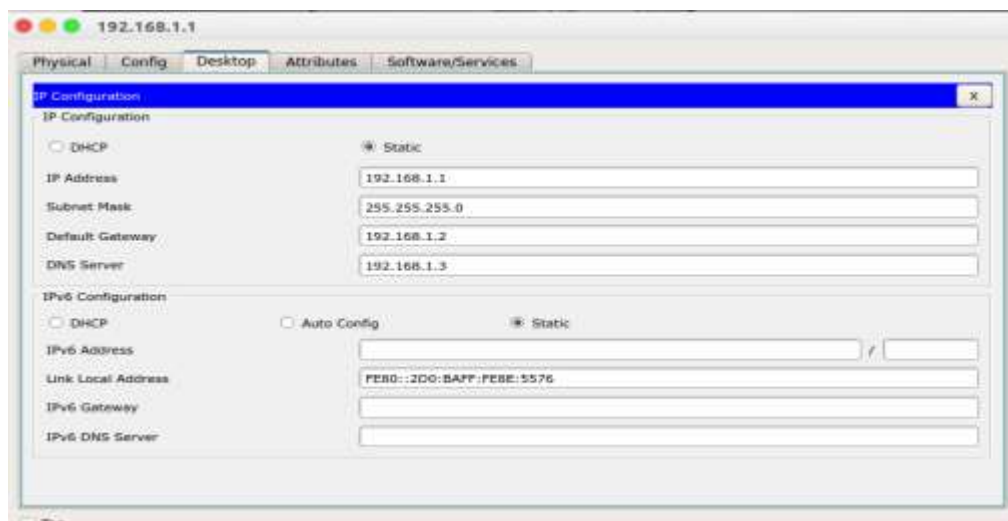
User-1 in network 192.168.1.0 has email address mkroy@ju.edu and user-2 in network 102.168.2.0 has email address roy@emcs.edu .

Design Procedure:

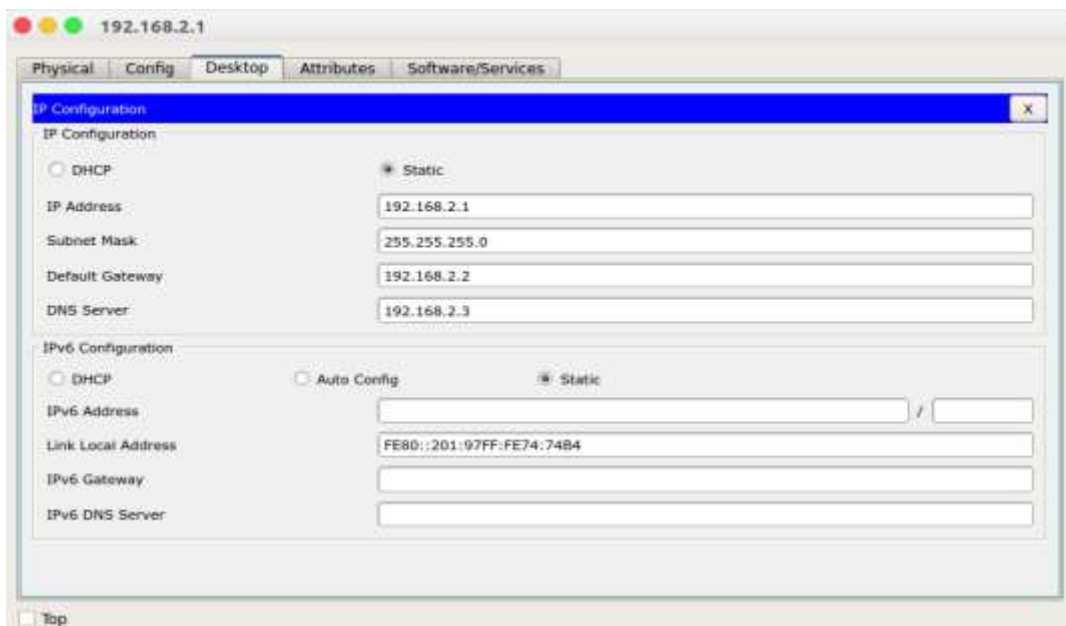
- Let us implement the network like below:



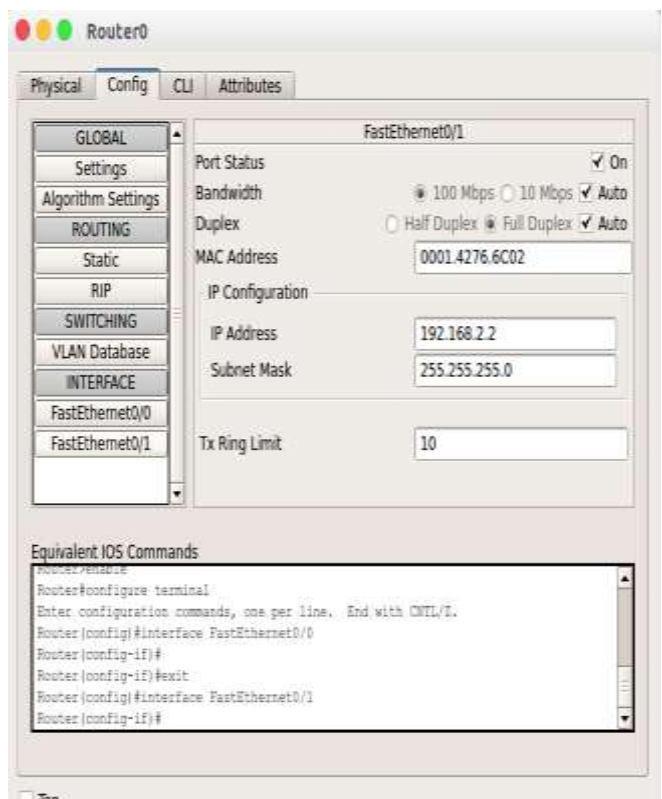
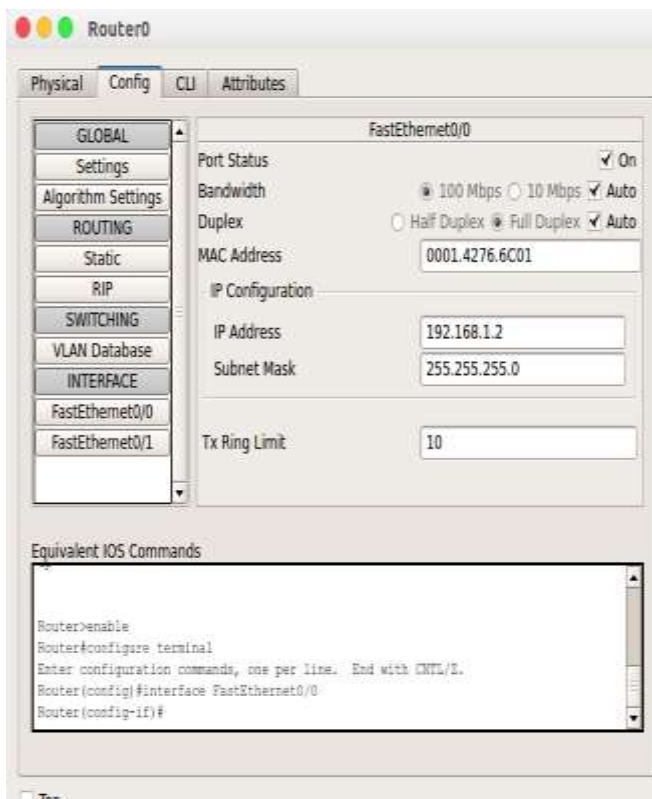
- Configure host-1: IP 192.168.1.1:



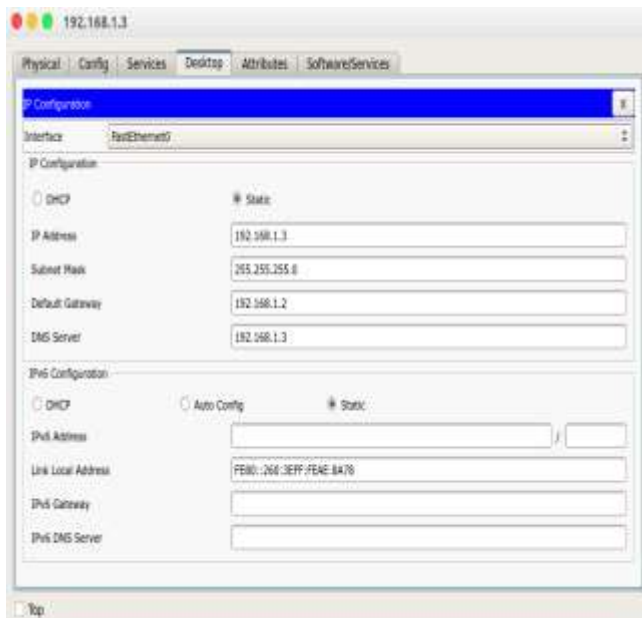
- Configure host-2: IP: 192.168.2.1



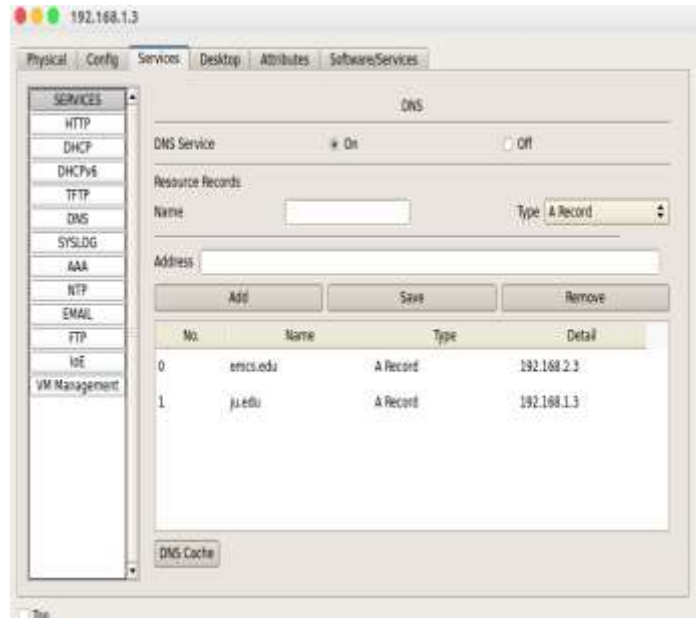
- Configure both interface of router:



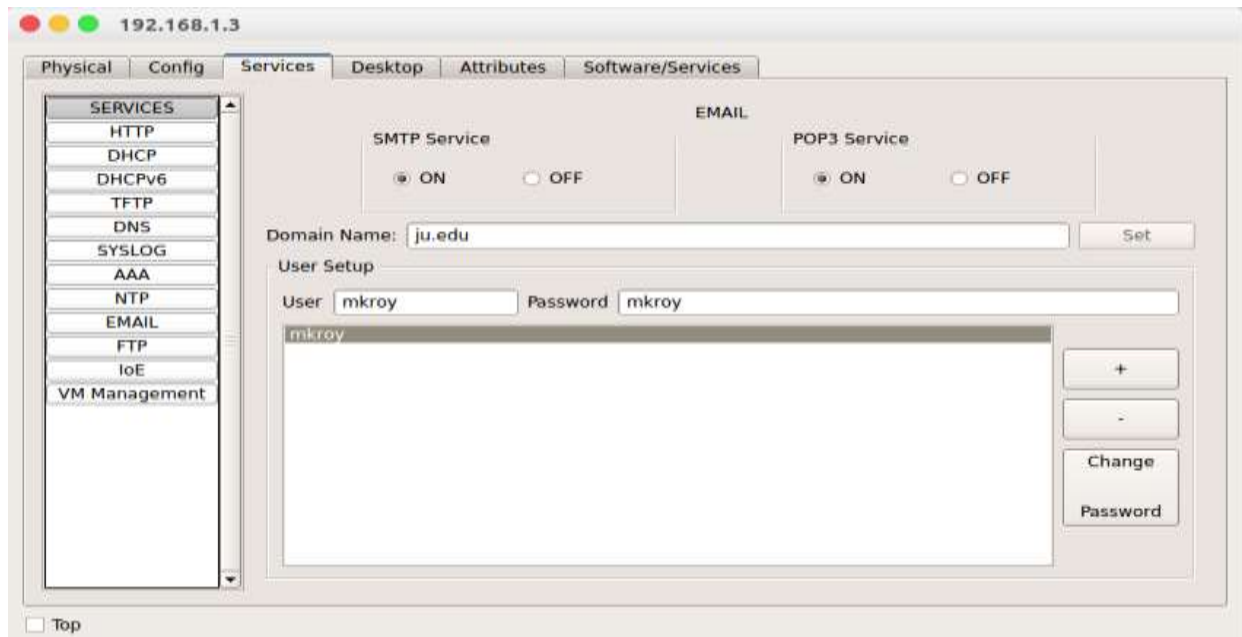
- Configure 1st DNS/MAIL server:
 - IP configure:



DNS Configure:

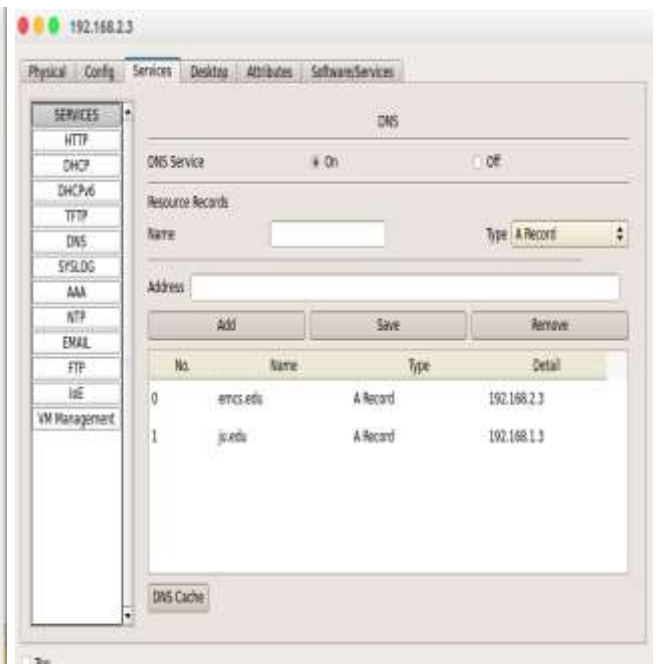
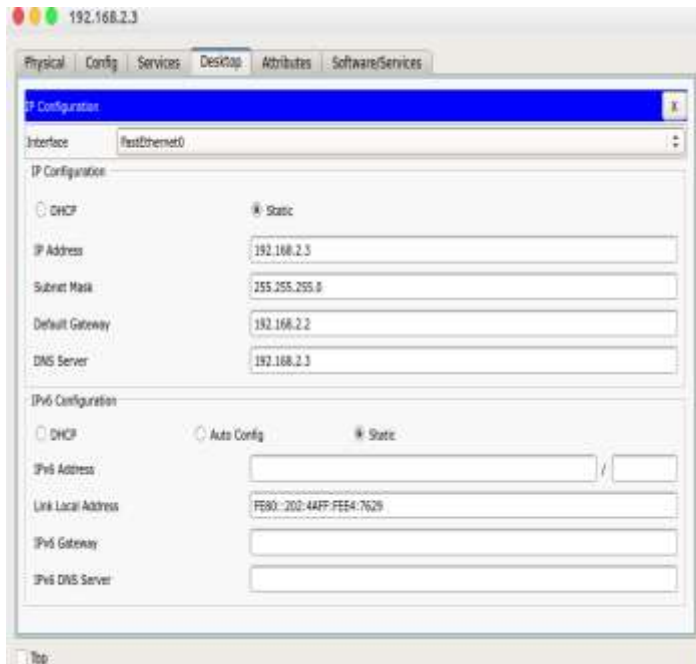


- Email Configure:

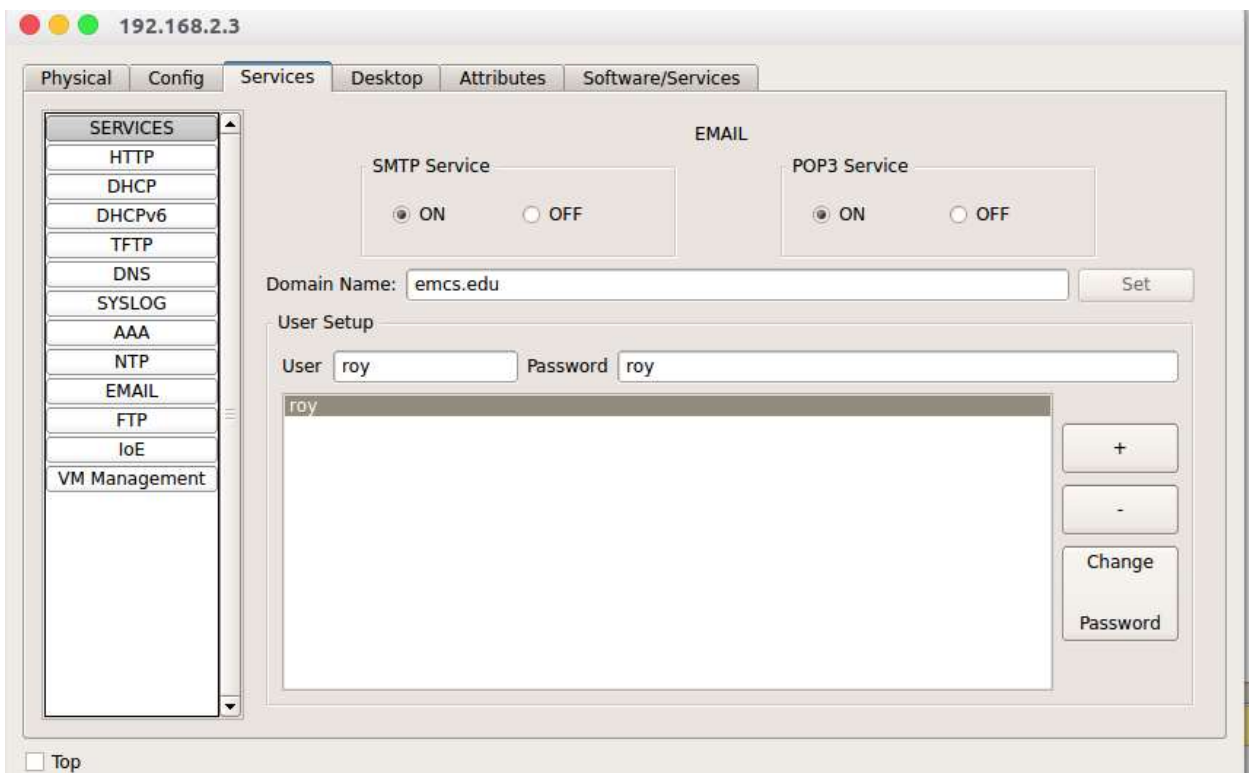


- Configure 2nd DNS/MAIL server:
- IP configure:

DNS configure:



- Email configure:



➤ Configure the mail of the client-1:

192.168.1.1

Physical Config Desktop Attributes Software/Services

Configure Mail

User Information

Your Name: Moni

Email Address: mkray@ju.edu

Server Information

Incoming Mail Server: 192.168.1.3

Outgoing Mail Server: 192.168.1.3

Logon Information

User Name: mkray

Password: *****

Save Clear Reset

Top

Configure the mail for client-2:

192.168.2.1

Physical Config Desktop Attributes Software/Services

Configure Mail

User Information

Your Name: Roy

Email Address: roy@emcs.edu

Server Information

Incoming Mail Server: 192.168.2.3

Outgoing Mail Server: 192.168.2.3

Logon Information

User Name: roy

Password: ***

Save Clear Reset

Top

➤ Send mail from client-1:

192.168.1.1

Physical Config Desktop Attributes Software/Services

Compose Mail

Send

To: Roy@emcs.edu

Subject: Testing

This if for testing.

Top

Verify the received mail from client-2:

192.168.2.1

Physical Config Desktop Attributes Software/Services

MAIL browser

Compose Reply Receive Delete Configure Mail

From	Subject	Received
mkray@ju.edu	Testing	Sat Aug 12 2017 20:32:52

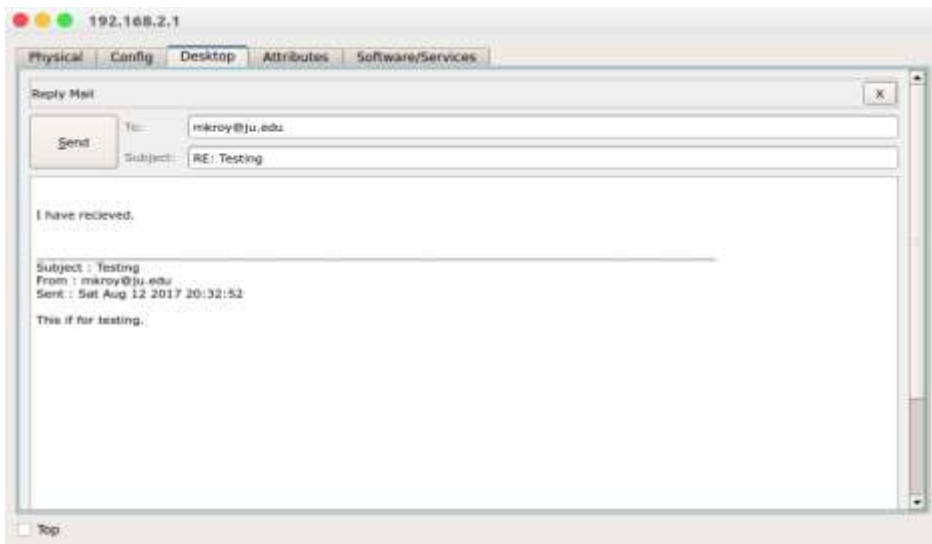
Testing

mkray@ju.edu

Sent: Sat Aug 12 2017 20:32:52

This if for testing.

- Reply mail from client-2:



- Verify the reply mail from client-1:

