

**UNIVERZITET U BIHAĆU  
TEHNIČKI FAKULTET  
BIHAĆ**

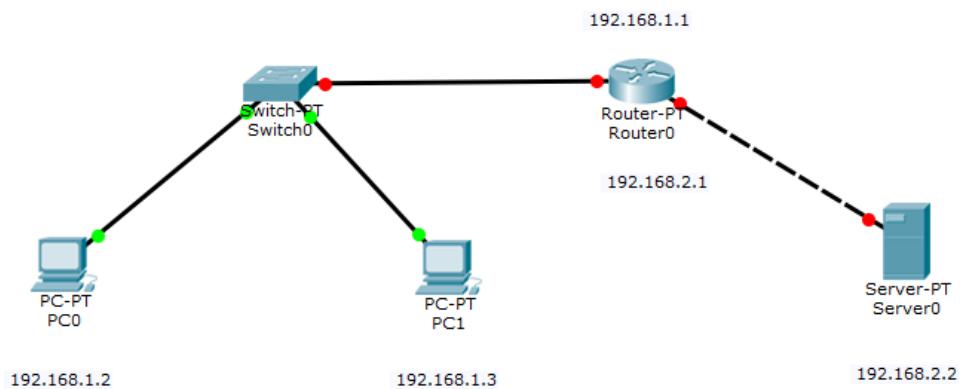
# **RAČUNARSKE MREŽE**

**Laboratorijske vježbe**

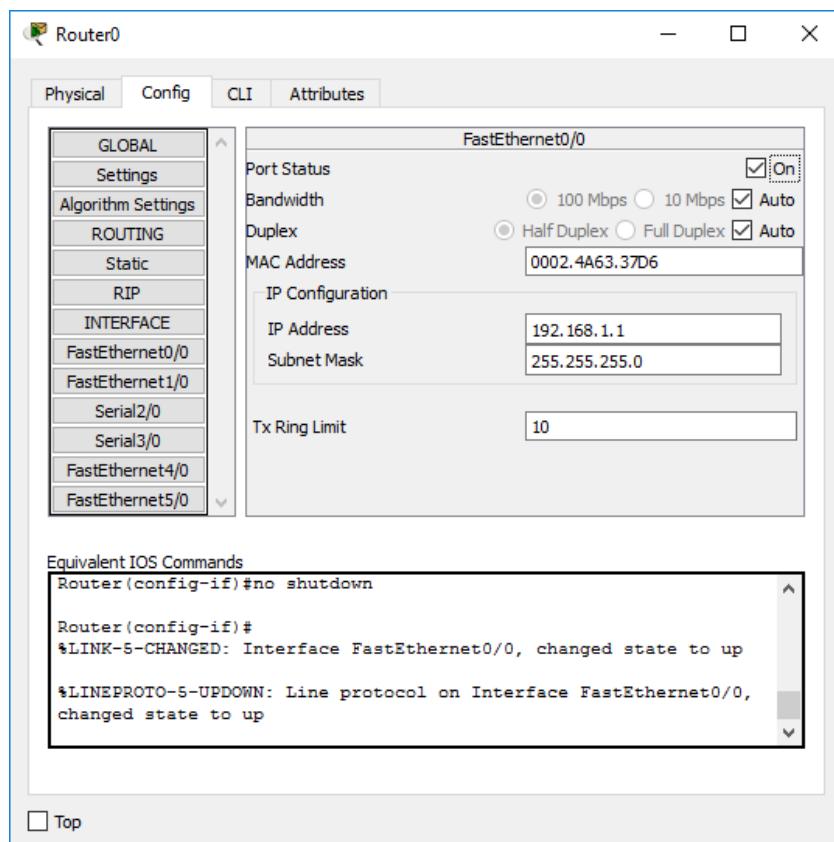
**CISCO Packet Tracer  
(Vježba 6)**

**ass. Amel Toroman, dipl. ing.el.**

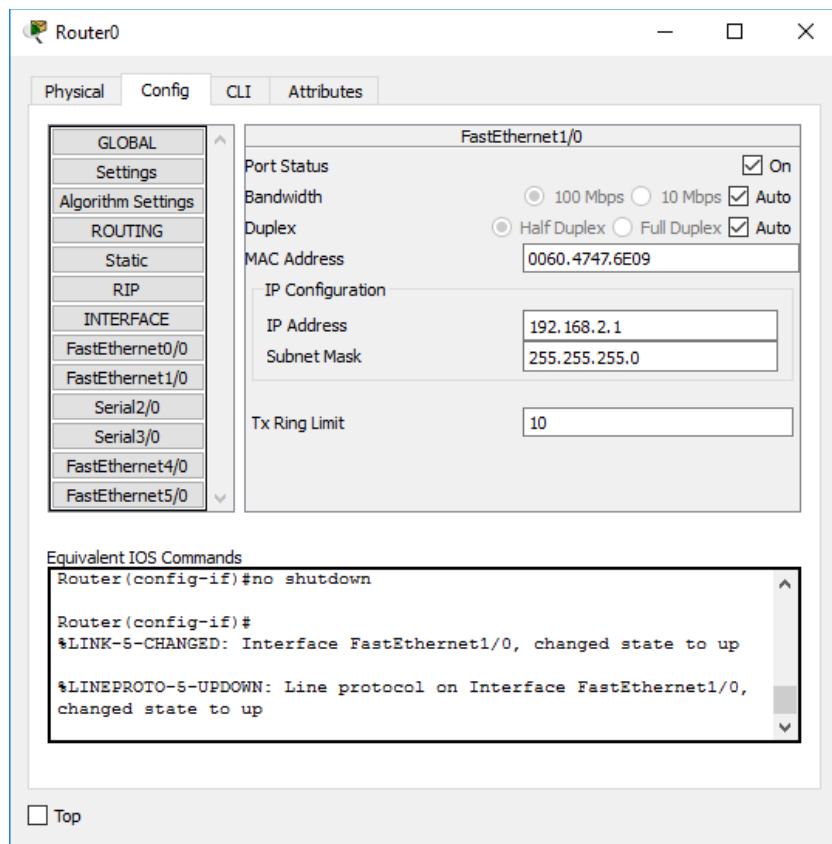
## PRIMJER 1: Konfiguracija E-mail servera u Packet Traceru



### Konfiguracija routera (FastEthernet0/0)



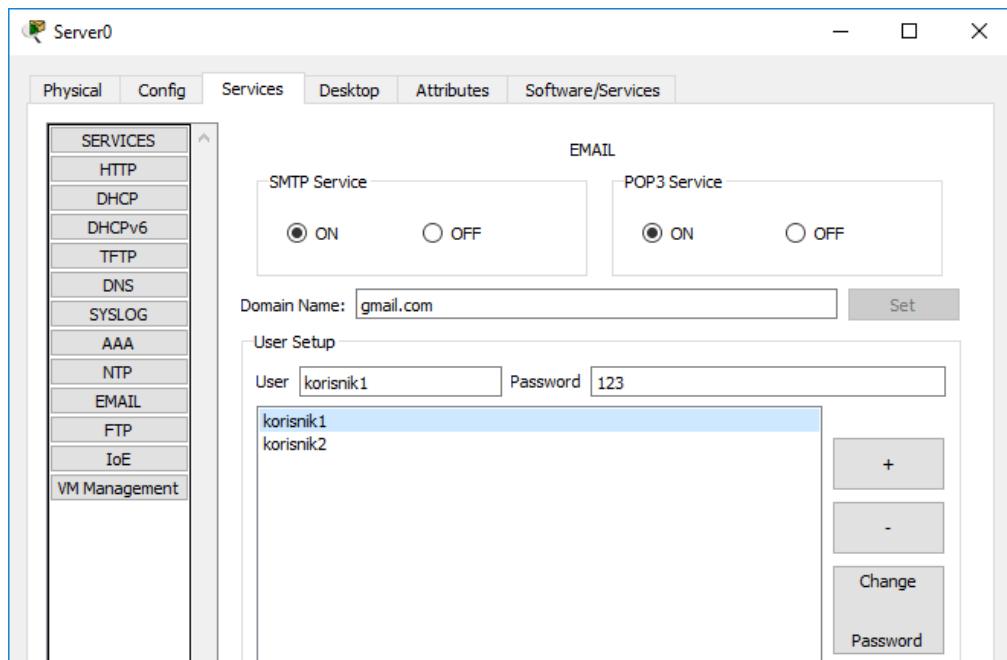
## Konfiguracija routera (FastEthernet0/1)



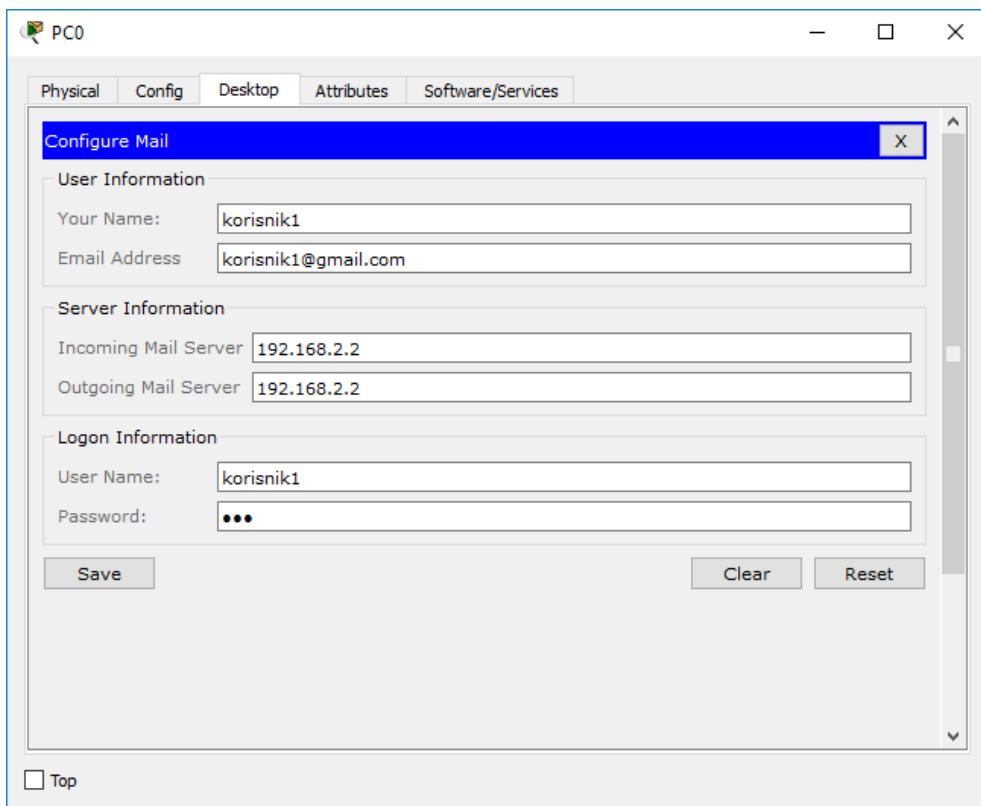
## Konfiguracija E-mail servera

user: korisnik1 pass: 123

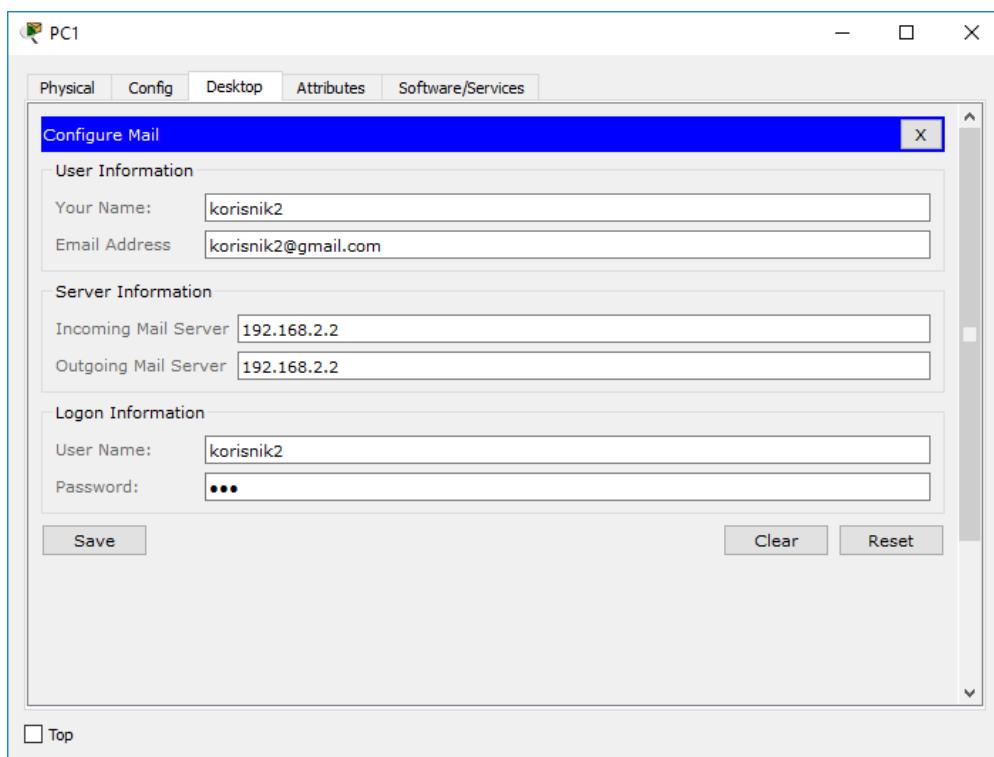
user: korisnik2 pass: 456



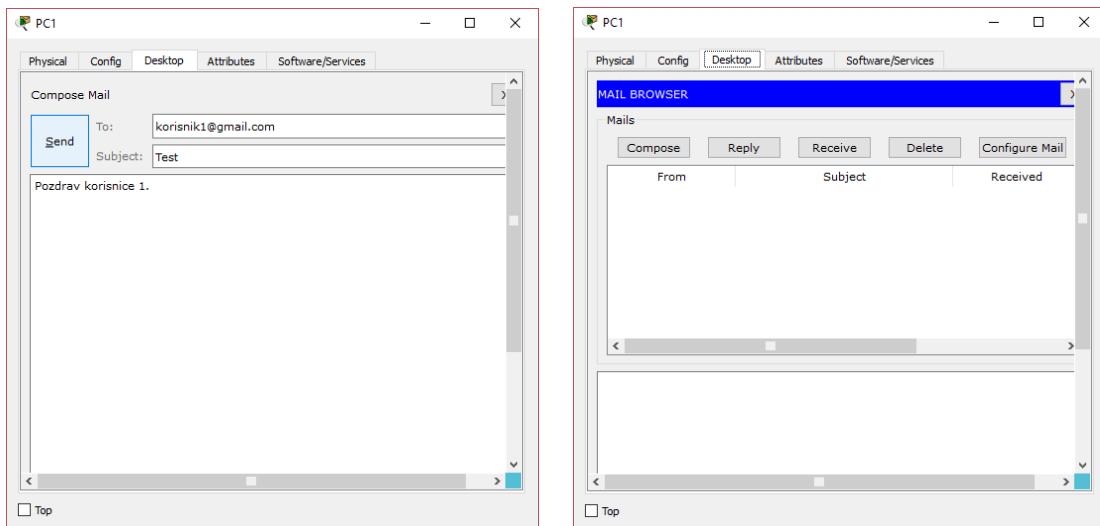
## Konfiguracija E-maila na prvom računaru



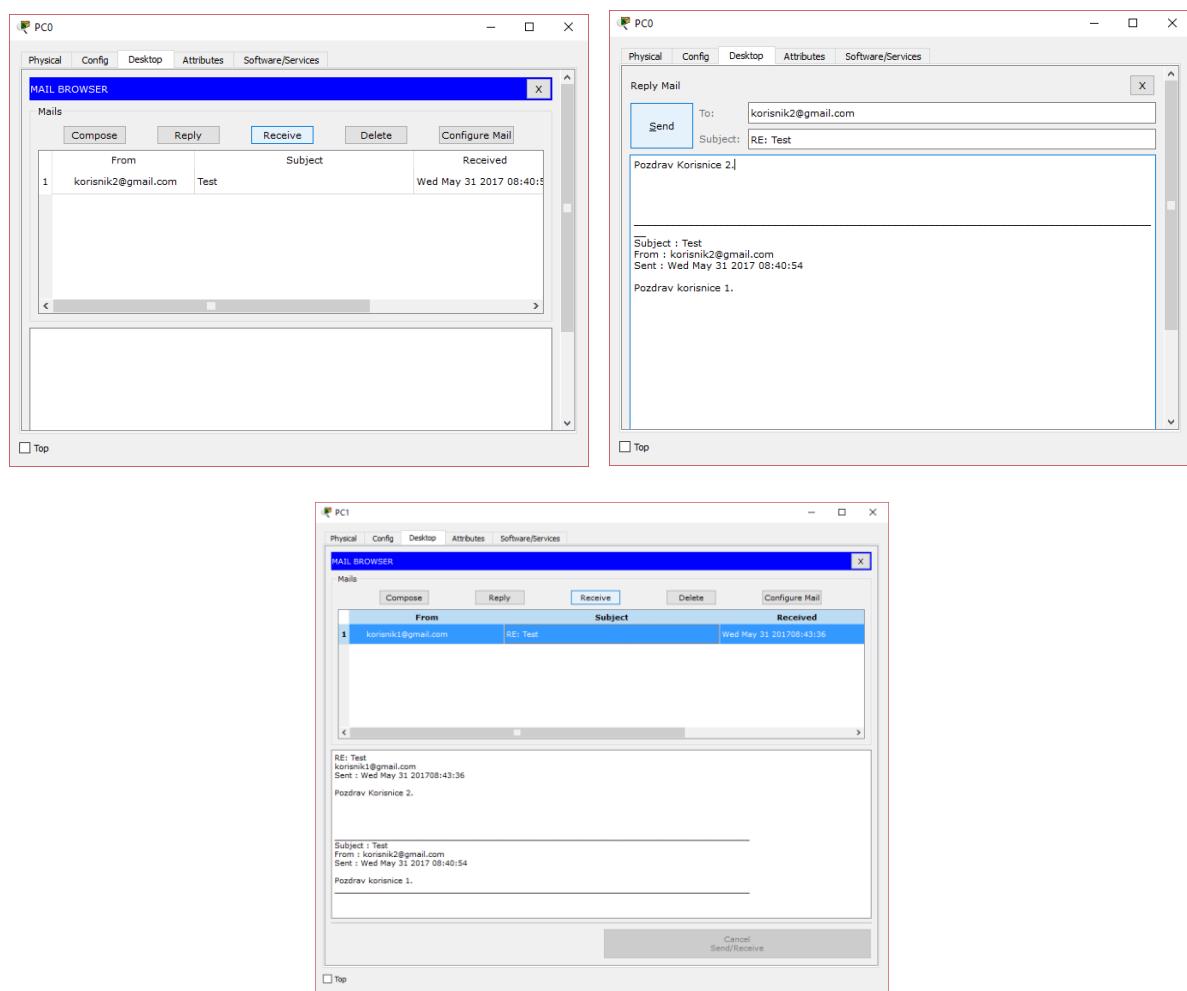
## Konfiguracija E-maila na drugom računaru



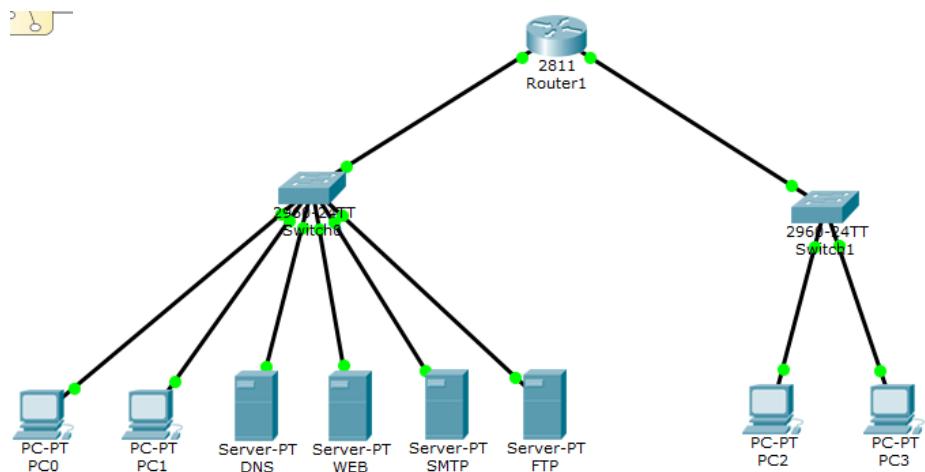
## *Slanje e-maila sa drugog računara prvom računaru*



## *Primanje e-maila i odgovaranje drugom računaru*



## PRIMJER 2: Konfiguracija DNS, SMTP, FTP i WEB servera u Packet Traceru



Konfiguracija routera (FastEthernet0/0 – FastEthernet0/1 - CLI mod)

Router1

Physical Config **CLI** Attributes

IOS Command Line Interface

```
--- System Configuration Dialog ---
Continue with configuration dialog? [yes/no]: n

Press RETURN to get started!

Router>en
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int Fa0/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#no shut

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
exit
Router(config)#int Fa0/1
Router(config-if)#ip address 192.168.0.1 255.255.255.0
Router(config-if)#no shut

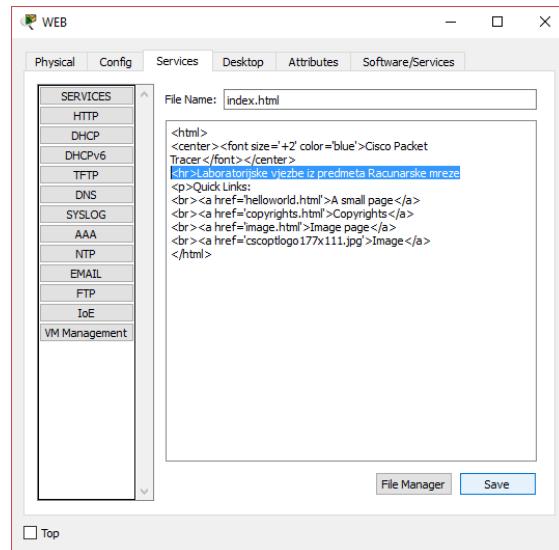
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
exit
Router(config)#

 Top
```

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## Podešavanje HTTP za WEB server

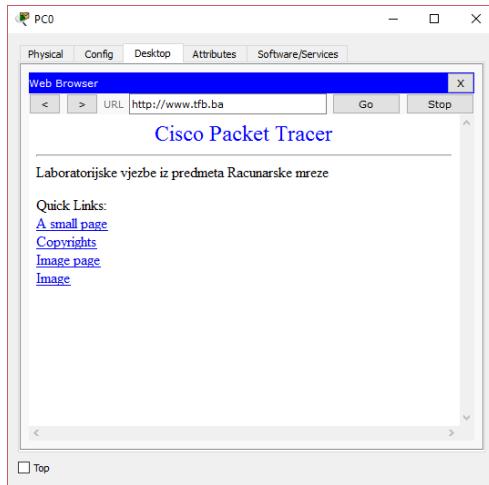


## Podešavanje DNS servera

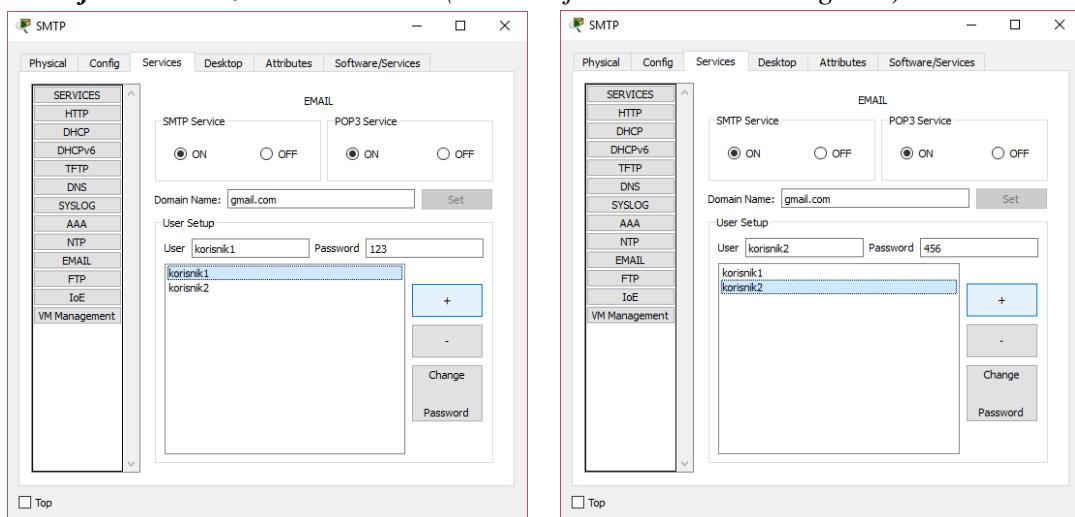
The screenshots show the 'DNS' configuration window in Cisco Packet Tracer across three states:

- Initial State:** The 'DNS Service' radio button is set to 'Off'. The 'Resource Records' section shows a single entry: Name: www.tfb.ba, Type: A Record, Address: 10.0.0.3. Buttons for Add, Save, and Remove are present.
- After Adding Name:** The 'Name' field is now populated with 'www.tfb.ba'. The 'Address' field remains at 10.0.0.3. The 'Save' button is highlighted in blue.
- After Adding Address:** Both the 'Name' and 'Address' fields are populated. The 'Address' field shows '10.0.0.3'. The 'Save' button is highlighted in blue.

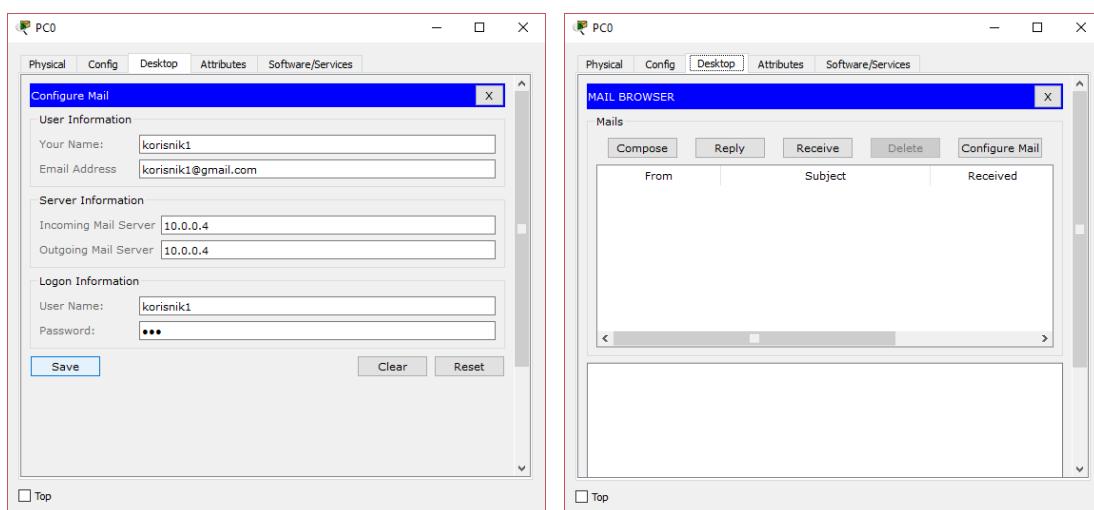
## Pokretanje *tfb.ba* sa browsera prvog računara



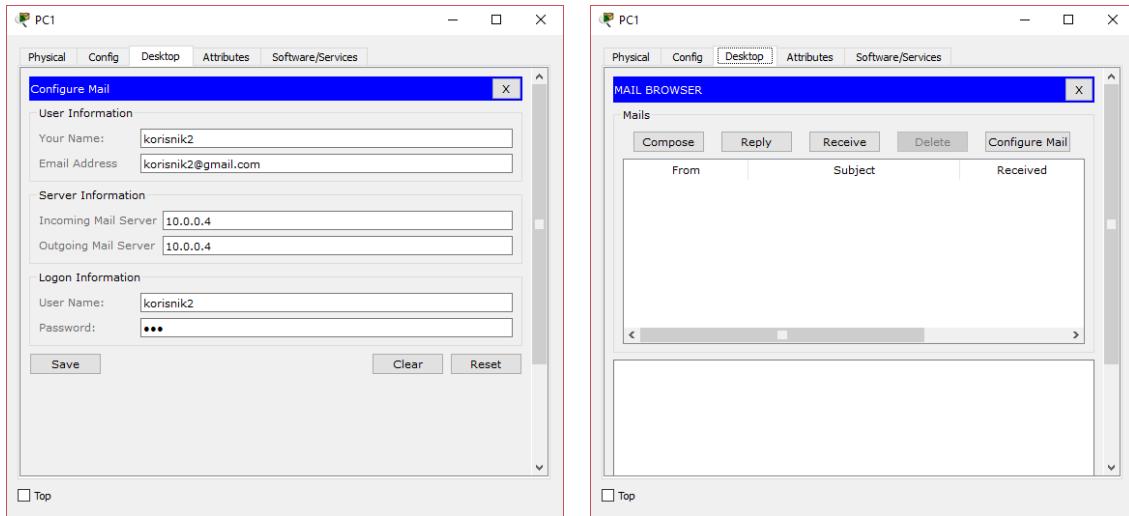
## Podešavanje E-maila za SMTP server (dodavanje dva korisnika na gmail)



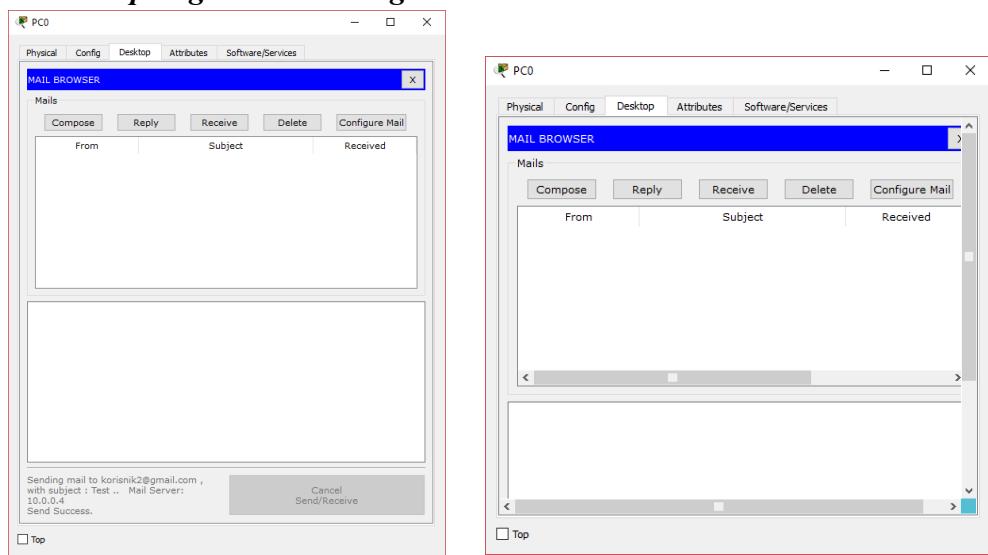
## Konfiguracija E-maila na prvom računaru (PC0) – korisnik1



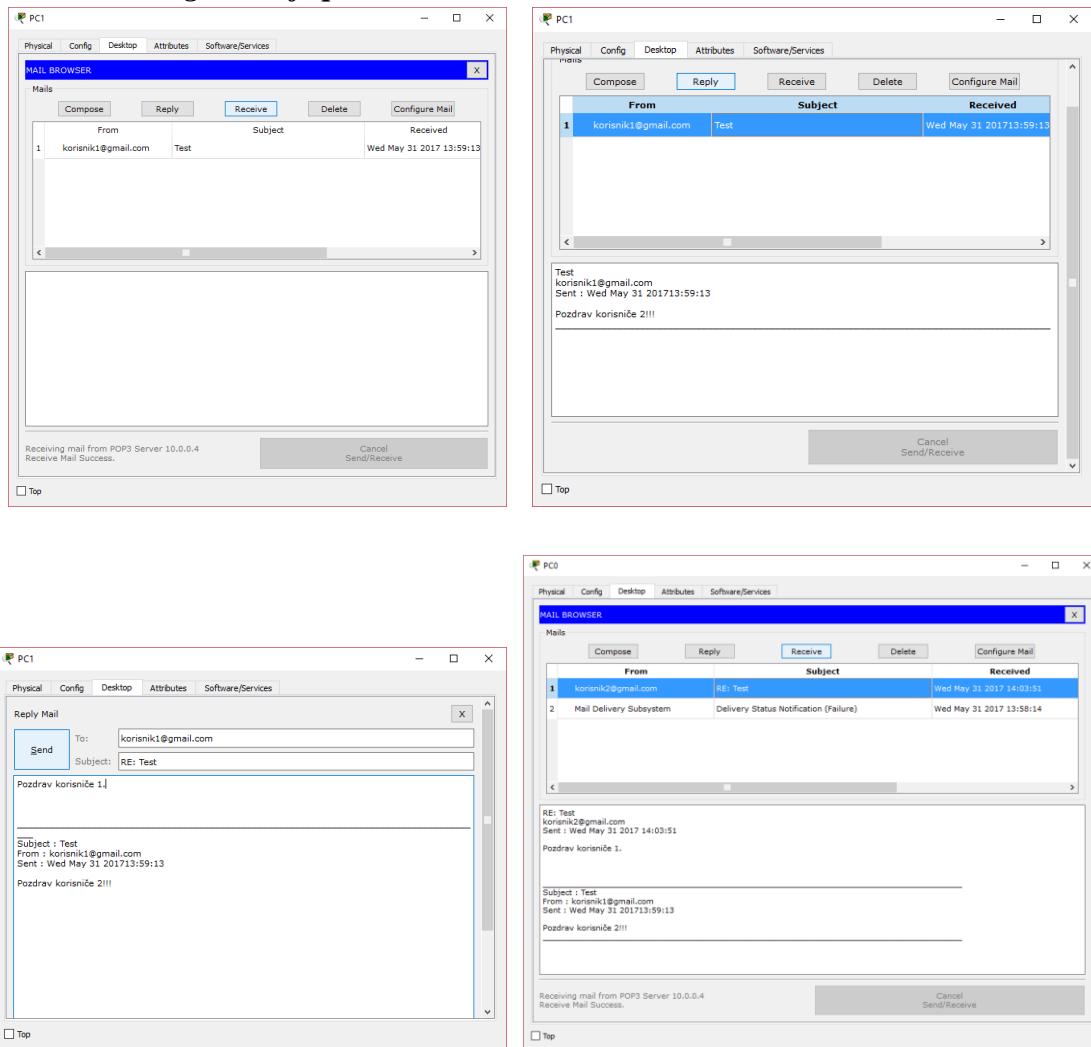
## Konfiguracija E-maila na drugom računaru (PC1) – korisnik2



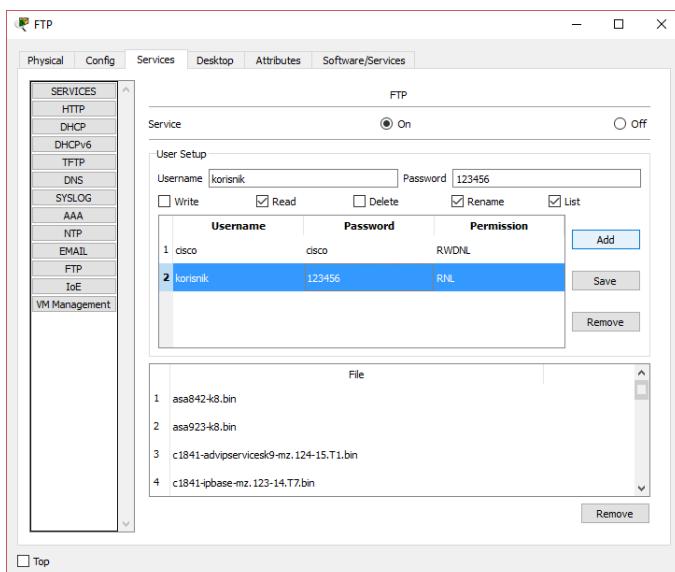
## Slanje e-maila sa prvog računara drugom računaru



## Primanje e-maila i odgovaranje prvom računaru



## Podešavanje FTP servera (dodavanje korisnika i dodjeljivanje pristupa)



## Pokretanje sa prvog računara FTP server, ulazak u direktorij i uzimanje datoteka

The image shows two Command Prompt windows side-by-side. The left window is titled 'PC0' and shows a ping test and an FTP session. The right window shows the download of a file named 'asa842-k8.bin' from the remote host.

**PC0 Command Prompt:**

```
Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.5

Pinging 10.0.0.5 with 32 bytes of data:
Reply from 10.0.0.5: bytes=32 time=1ms TTL=128

Ping statistics for 10.0.0.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>>ftp 10.0.0.5
Trying to connect...10.0.0.5
Connected to 10.0.0.5
220- Welcome to PT Ftp server
Username:korisnik
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>dir

Listing /ftp directory from 10.0.0.5:
0 : asa842-k8.bin                                5571584
1 : asa923-k8.bin                                30468096
2 : c1841-advipservicesk9-mz.124-15.T1.bin      33891768
3 : c1841-ipbase-mz.123-14.T7.bin                13832032
4 : c1841-ipbasek9-mz.124-12.bin                 16599160
5 : c2600-advipservicesk9-mz.124-15.T1.bin      33891768
6 : c2600-i-mz.122-28.bin                         5571584
7 : c2600-ipbasek9-mz.124-8.bin                  13169700
8 : c2800nm-advipservicesk9-mz.124-15.T1.bin     50938004
9 : c2800nm-advipservicesk9-mz.151-4.M4.bin      33891768
10 : c2800nm-ipbase-mz.123-14.T7.bin             5571584
11 : c2800nm-ipbasek9-mz.124-8.bin               15522644
12 : c2950-i6q412-mz.121-22.EA4.bin              3058048
13 : c2950-i6q412-mz.121-22.EA8.bin              3117390
14 : c2960-lanbase-mz.122-25.FX.bin              4414921
15 : c2960-lanbase-mz.122-25.SEE1.bin            4670455
16 : c2960-lanbasek9-mz.150-2.SE4.bin            4670455
17 : c3560-advipservicesk9-mz.122-37.SE1.bin     8662192
18 : pt1000-i-mz.122-28.bin                      5571584
19 : pt3000-i6q412-mz.121-22.EA4.bin             3117390
```

**Right Command Prompt:**

```
ftp>get asa842-k8.bin

Reading file asa842-k8.bin from 10.0.0.5:
File transfer in progress...

[Transfer complete - 5571584 bytes]

5571584 bytes copied in 7.885 secs (161904 bytes/sec)
ftp>quit

Packet Tracer PC Command Line 1.0
C:\>>221- Service closing control connection.
C:\>dir

Volume in drive C has no label.
Volume Serial Number is 5E12-4AF3
Directory of C:\

1/1/1970  1:0 PM           5571584  asa842-k8.bin
1/1/1970  1:0 PM           26       sampleFile.txt
                           5571610 bytes   2 File(s)
C:\>
```

Top