1. Instalare si configurare Postfix (server SMTP – port 25)

sudo apt install postfix mailutils -y

```
robert@robert-VirtualBox:~$ sudo apt install postfix mailutils -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
postfix is already the newest version (3.8.6-1build2).
mailutils is already the newest version (1:3.17-1.1build3).
0 upgraded, 0 newly installed, 0 to remove and 8 not upgraded.
```
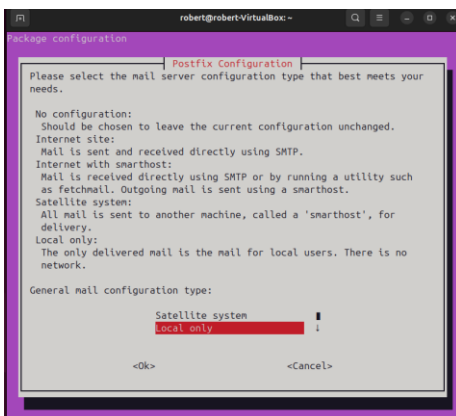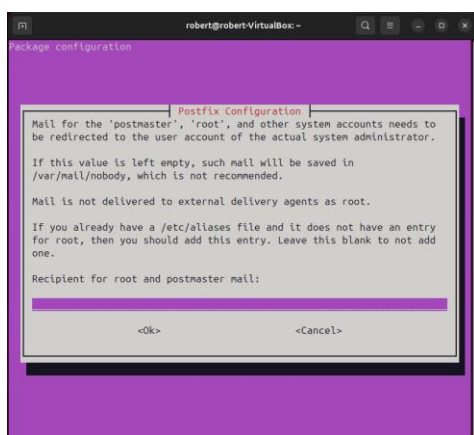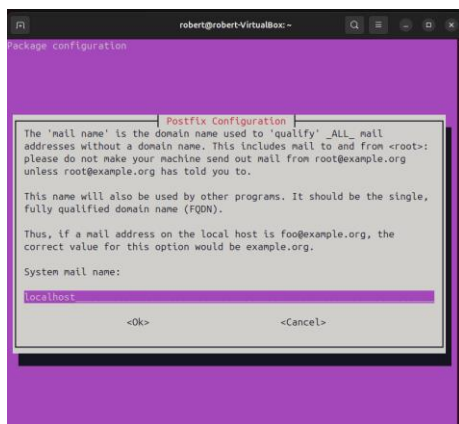
2. Redeschide wizard-ul de configurare Postfix
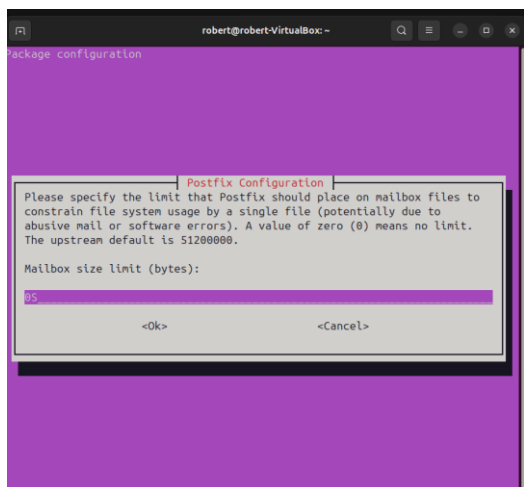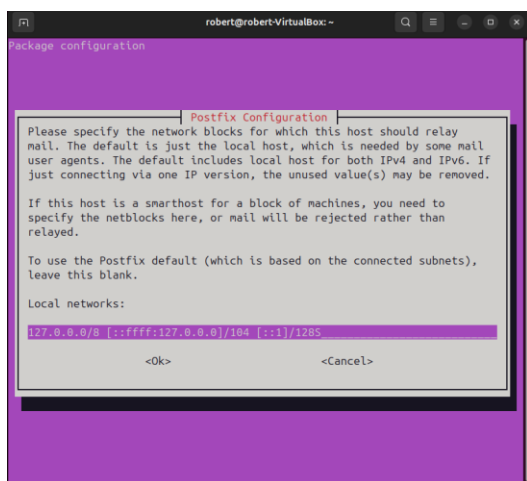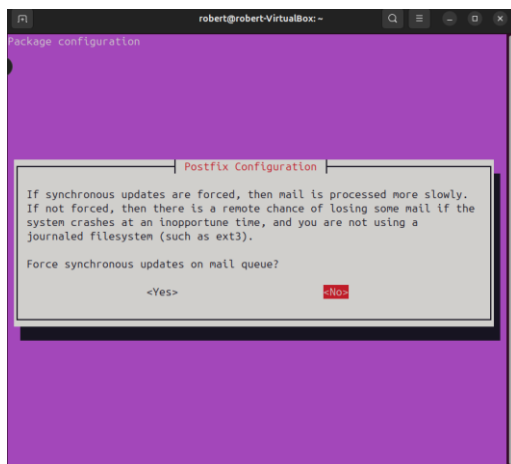
sudo dpkg-reconfigure postfix

```
robert@robert-VirtualBox:~$ sudo dpkg-reconfigure postfix
setting synchronous mail queue updates: false
mailname is not a fully qualified domain name.  Not changing /etc/mailname.
setting destinations: robert-VirtualBox.home, localhost, robert-VirtualBox, loc
alhost.localdomain, localhost
setting relayhost:
setting mynetworks: 127.0.0.0/8 [::ffff:127.0.0.0]/104 [::1]/128S
setting mailbox_size_limit: 0
setting recipient_delimiter: +
setting inet_interfaces: all
setting inet_protocols: all
WARNING: /etc/aliases exists, but does not have a root alias.
```
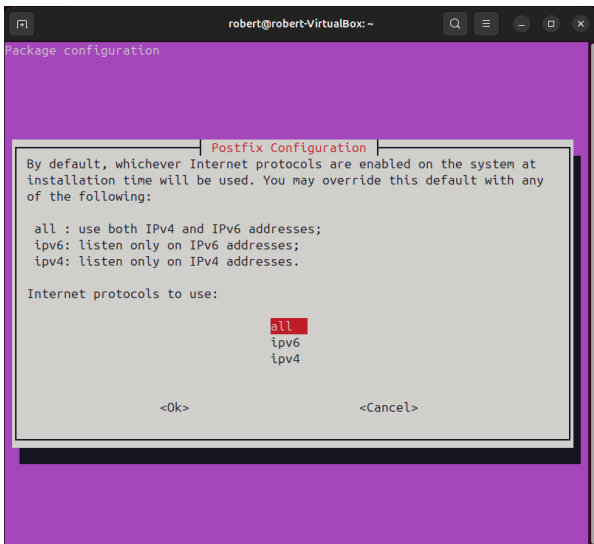
Am configurat:

- Tipul serverului de mail (Internet Site)

- Numele sistemului (localhost)

- Destinatar pentru mailurile trimise catre root, postmaster

- Dimensiunea maxima a casutei

- Porturi si protocoale

- Comportamentul in retea (relay, subneturi acceptate)

Package configuration

┤ Postfix Configuration ├

If synchronous updates are forced, then mail is processed more slowly.
If not forced, then there is a remote chance of losing some mail if the
system crashes at an inopportune time, and you are not using a
journaled filesystem (such as ext3).

Force synchronous updates on mail queue?

    <Yes>   <No>

Package configuration

┤ Postfix Configuration ├

Please specify the network blocks for which this host should relay
mail. The default is just the local host, which is needed by some mail
user agents. The default includes local host for both IPv4 and IPv6. If
just connecting via one IP version, the unused value(s) may be removed.

If this host is a smarthost for a block of machines, you need to
specify the netblocks here, or mail will be rejected rather than
relayed.

To use the Postfix default (which is based on the connected subnets),
leave this blank.

Local networks:

127.0.0.0/8 [::ffff:127.0.0.0]/104 [::1]/128§

         <Ok>   <Cancel>

Package configuration

┤ Postfix Configuration ├

Please specify the limit that Postfix should place on mailbox files to
constrain file system usage by a single file (potentially due to
abusive mail or software errors). A value of zero (0) means no limit.
The upstream default is 51200000.

Mailbox size limit (bytes):

0§

         <Ok>   <Cancel>

3. Verificare si testare Postfix

systemctl status postfix

4. Trimiterea unui email local

echo "Acesta este un mesaj de test local!" | mail -s "Mail de test" Robert

5. Verificare port SMTP (25)

ss -tuln | grep :25

6. Citirea emailului primit: mail

```
robert@robert-VirtualBox:~$ mail
"/var/mail/robert": 1 message 1 new
>N   1 robert              Thu May 22 00:42   13/499    Mail de test
?
Return-Path: <robert@robert-VirtualBox>
X-Original-To: robert
Delivered-To: robert@robert-VirtualBox.home
Received: by robert-VirtualBox.home (Postfix, from userid 1000)
        id F38AE164DEC; Thu, 22 May 2025 00:42:03 +0300 (EEST)
Subject: Mail de test
To: robert@robert-VirtualBox.home
User-Agent: mail (GNU Mailutils 3.17)
Date: Thu, 22 May 2025 00:42:03 +0300
Message-Id: <20250521214203.F38AE164DEC@robert-VirtualBox.home>
From: robert <robert@robert-VirtualBox>

Acesta este un mesaj de test local!
? q
Saved 1 message in /home/robert/mbox
Held 0 messages in /var/mail/robert
```

Navigare in interfata mail:

- Enter – deschide mesajul

- q – iesire

- d – sterge mesajul