Postfix
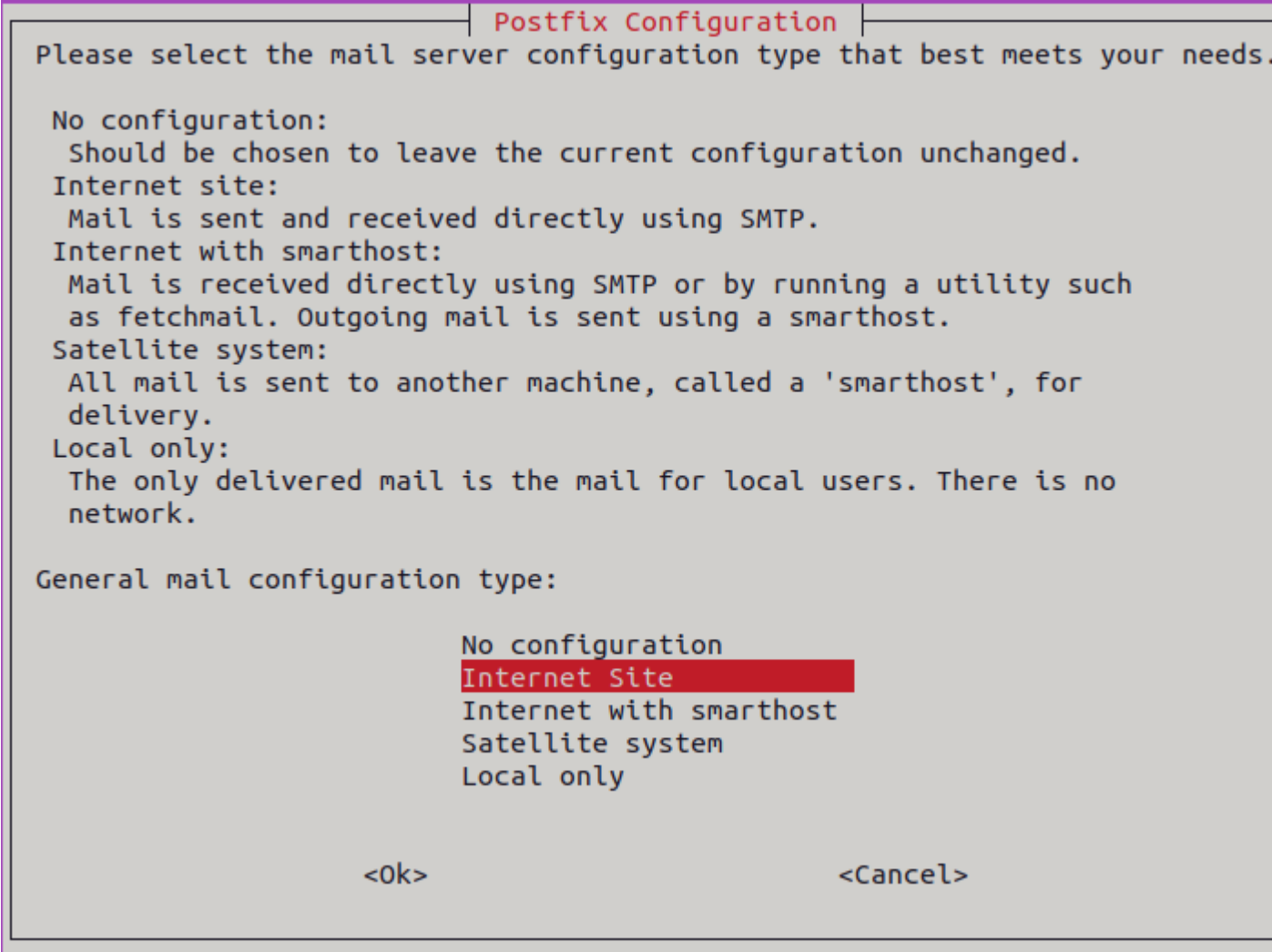
sudo apt install -y postfix

```
user@CS6502:~$ sudo apt install -y postfix
```

You will be presented with this screen:

```
┤ Postfix Configuration ├
 Please select the mail server configuration type that best meets your needs.

  No configuration:
    Should be chosen to leave the current configuration unchanged.
  Internet site:
    Mail is sent and received directly using SMTP.
  Internet with smarthost:
    Mail is received directly using SMTP or by running a utility such
    as fetchmail. Outgoing mail is sent using a smarthost.
  Satellite system:
    All mail is sent to another machine, called a 'smarthost', for
    delivery.
  Local only:
    The only delivered mail is the mail for local users. There is no
    network.

  General mail configuration type:

                        No configuration
                        Internet Site
                        Internet with smarthost
                        Satellite system
                        Local only


            <Ok>                                    <Cancel>
```
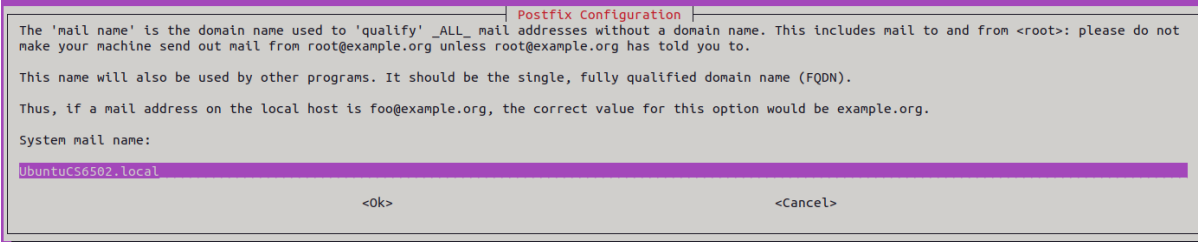
<tab> to 'Ok'

Add .local:

```
┤ Postfix Configuration ├
 The 'mail name' is the domain name used to 'qualify' _ALL_ mail addresses without a domain name. This includes mail to and from <root>: please do not
 make your machine send out mail from root@example.org unless root@example.org has told you to.

 This name will also be used by other programs. It should be the single, fully qualified domain name (FQDN).

 Thus, if a mail address on the local host is foo@example.org, the correct value for this option would be example.org.

 System mail name:

 UbuntuCS6502.local

                    <Ok>                                    <Cancel>
```

Once installed, Postfix will be automatically started and a /etc/postfix/main.cf file will be generated.

Now we can check Postfix version with this command:

postconf mail_version

```
user@UbuntuCS6502:~$ postconf mail_version
mail_version = 3.6.4
user@UbuntuCS6502:~$ 
```

The ss (Socket Statistics) utility tells us that the Postfix master process is listening on TCP port 25:

sudo ss -lnpt |grep master

```
user@CS6502:~$ sudo ss -lnpt |grep master
LISTEN 0      100          0.0.0.0:25          0.0.0.0:*       users:(("master",p
LISTEN 0      100             [::]:25             [::]:*       users:(("master",p
```

Let's have a look at the binaries that have installed with postfix:

dpkg -L postfix |grep /usr/sbin

Send a quick test email:

echo "test email" | sendmail user

Check the Logfile:

less /var/log/mail.log

```
user@CS6502:~$ echo "test email" | sendmail user
user@CS6502:~$ less /var/log/mail.log
```

 sudo apt install mailutils

```
update-alternatives: using /usr/bin/readmsg.mailutils to provide /usr/bin/readmsg (readmsg) in auto mode
update-alternatives: using /usr/bin/dotlock.mailutils to provide /usr/bin/dotlock (dotlock) in auto mode
update-alternatives: using /usr/bin/mail.mailutils to provide /usr/bin/mailx (mailx) in auto mode
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.6) ...
user@UbuntuCS6502:~$ 
```

How to use:

https://phoenixnap.com/kb/linux-mail-command: