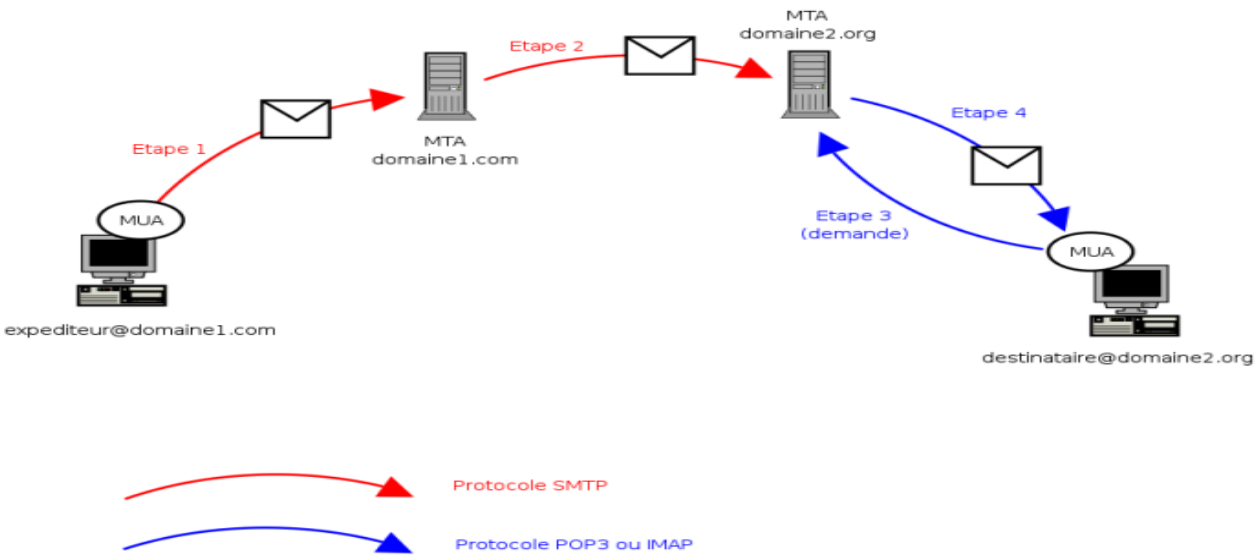
RAPPORT TP3
messagerie

Configuration de messagerie et postfixe



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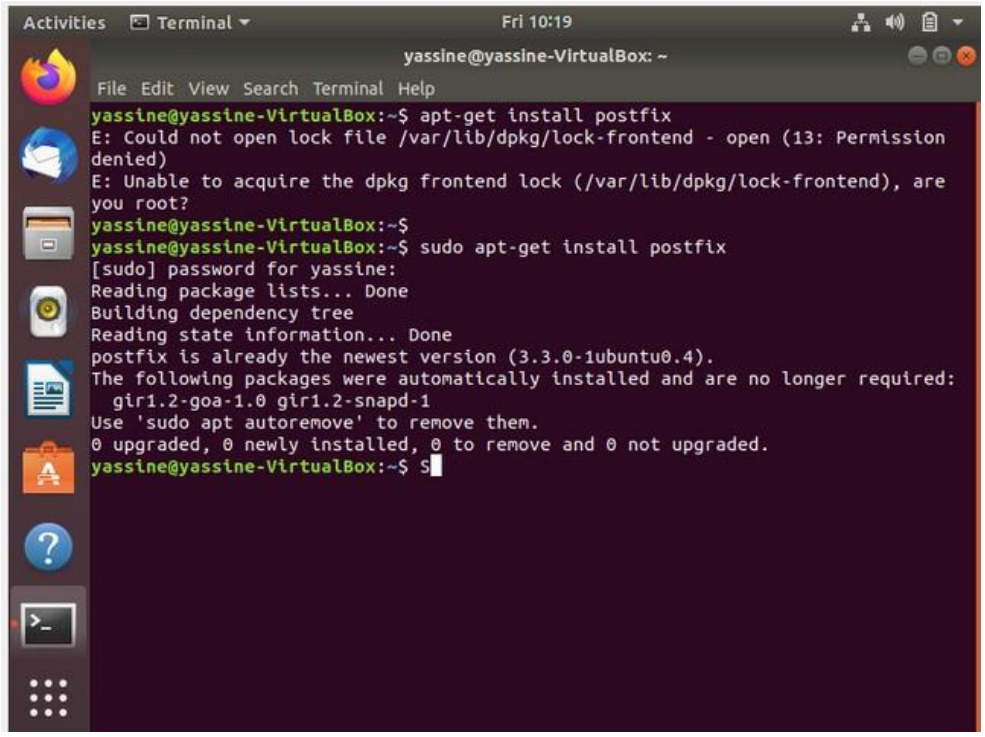
Introduction Général

Postfixe est un agent de transfert de courriel (MTA) open-source qui est utilisépour acheminer et livrer des emails. Il est réputé pour sa simplicité de configuration et sa sécurité. Dans ce tutoriel, nous allons voir comment installer et configurer Postfixe sur un système Linux, par exemple, une distribution basée sur Debian comme Ubuntu

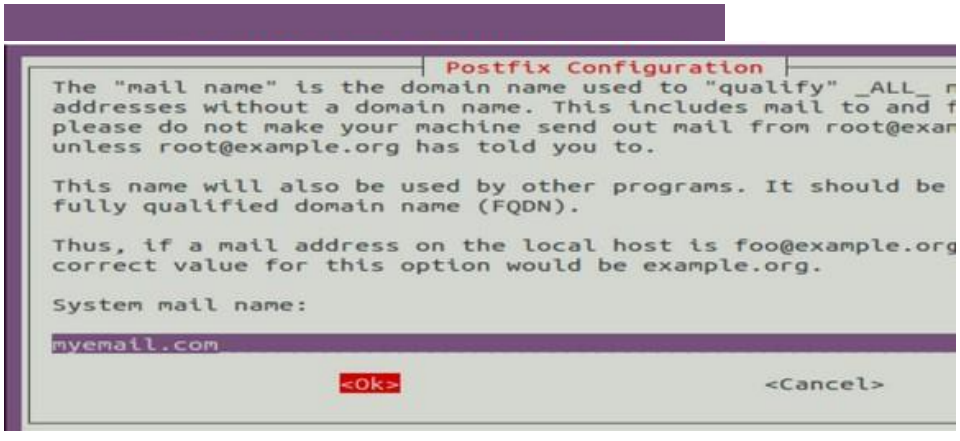
Les Objectifs

- Installer et configurer Postfixe sur leur serveur Linux.
- Assurer la sécurité et le bon fonctionnement de leur serveur de mails.
- Dépanner et résoudre les problèmes liés à Postfixe.

1. Installation du serveur de messagerie “POSTFIX” :



2-Configuration du serveur:



3. **Ajout de mon domaine name dans le fichier /etc/postfix/main.cd**

```
yassine@yassine-VirtualBox:~$ sudo nano /etc/postfix/main.cf
```

```
  GNU nano 2.9.3                /etc/postfix/main.cf                Modified

smtpd_tls_cert_file=/etc/ssl/certs/ssl-cert-snakeoil.pem
smtpd_tls_key_file=/etc/ssl/private/ssl-cert-snakeoil.key
smtpd_use_tls=yes
smtpd_tls_session_cache_database = btree:${data_directory}/smtpd_scache
smtp_tls_session_cache_database = btree:${data_directory}/smtp_scache

# See /usr/share/doc/postfix/TLS_README.gz in the postfix-doc package for
# information on enabling SSL in the smtp client.

smtpd_relay_restrictions = permit_mynetworks permit_sasl_authenticated defer_u$
myhostname = yassine-VirtualBox.uemf.ma
alias_maps = hash:/etc/aliases
alias_database = hash:/etc/aliases
mydestination = yassine-VirtualBox.uemf.ma, yassine-VirtualBox, localhost.loca$
relayhost =
mynetworks = 127.0.0.0/8 [::ffff:127.0.0.0]/104 [::1]/128
mailbox_size_limit = +
recipient_delimiter = +
inet_interfaces = all
inet_protocols = all
mydomain=myemail.com
```

3. **Installer mailutils:**

```
yassine@yassine-VirtualBox:~$ sudo apt-get install mailutils
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  gir1.2-goa-1.0 gir1.2-snapd-1
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  libgsasl7 libkyotocabinet16v5 libmailutils5 libmysqlclient20 libntlm0
  mailutils-common
Suggested packages:
  mailutils-mh mailutils-doc
The following NEW packages will be installed:
  libgsasl7 libkyotocabinet16v5 libmailutils5 libmysqlclient20 libntlm0
  mailutils mailutils-common
0 upgraded, 7 newly installed, 0 to remove and 0 not upgraded.
Need to get 2,020 kB of archives.
After this operation, 10.7 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 libntlm
0 amd64 1.4-8ubuntu0.1 [14.3 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu bionic/universe amd64 libgsasl7 amd64
 1.8.0-8ubuntu3 [118 kB]
Get:3 http://us.archive.ubuntu.com/ubuntu bionic/universe amd64 libkyotocabinet
```

5-Ajout des utilisateurs pour tester le fonctionnement de notre serveur de ma

Add user11:

```
yassine@yassine-VirtualBox:~$ sudo useradd user11
yassine@yassine-VirtualBox:~$ passwd user11
passwd: You may not view or modify password information for user11.
yassine@yassine-VirtualBox:~$ sudo passwd user11
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
```

```
yassine@yassine-VirtualBox:~$ sudo mkdir /home/user11
yassine@yassine-VirtualBox:~$ sudo chown -R user11:09012002 /home/user11
yassine@yassine-VirtualBox:~$ sudo chmod 755 /home/user11
yassine@yassine-VirtualBox:~$ sudo chmod 755 /home
yassine@yassine-VirtualBox:~$ ls -ld /home/user11/mail
ls: cannot access '/home/user11/mail': No such file or directory
yassine@yassine-VirtualBox:~$ sudo ls -ld /home/user11/mail
ls: cannot access '/home/user11/mail': No such file or directory
yassine@yassine-VirtualBox:~$ ls
Desktop     examples.desktop  Music     Public     Videos
Downloads   kube-cluster      Pictures  Templates
yassine@yassine-VirtualBox:~$ cd Downloads
yassine@yassine-VirtualBox:~/Downloads$ sudo ls -ld /home/user11/mail
```

Add user22:

```
yassine@yassine-VirtualBox:~$ sudo useradd user22
yassine@yassine-VirtualBox:~$ sudo passwd user22
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
```

4. Installer dovecot mail server:

```
yassine@yassine-VirtualBox:~$ sudo apt-get install dovecot-core dovecot-imapd d
ovecot-pop3d
Reading package lists... Done
Building dependency tree
Reading state information... Done
dovecot-core is already the newest version (1:2.2.33.2-1ubuntu4.8).
dovecot-core set to manually installed.
dovecot-imapd is already the newest version (1:2.2.33.2-1ubuntu4.8).
dovecot-pop3d is already the newest version (1:2.2.33.2-1ubuntu4.8).
The following packages were automatically installed and are no longer required:
  gir1.2-goa-1.0 gir1.2-snapd-1
Use 'sudo apt autoremove' to remove them.
```

6.Test(user11)

```
yassine@yassine-VirtualBox:~$ mail user11
Cc: welcome
Subject: demande de stage
hello yassine
```

```
yassine@yassine-VirtualBox:~$ su user11
Password:
$ mail
Cannot open mailbox /var/mail/user11: Permission denied
No mail for user11
$ sudo mail
```

7.Test(user22)

```
yassine@yassine-VirtualBox:~$ su user22
Password:
$ sudo mail
[sudo] password for user22:
```

```
yassine@yassine-VirtualBox:~$ mail user22
Cc: welcome user2
Subject: hi user
```