



**TECNOLÓGICO
NACIONAL DE MÉXICO**

TECNOLÓGICO DE COLIMA

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ACTIVIDAD

Instalación de Correo en ubuntu linux

Periodo:

agosto 2023 – diciembre 2023

Docente:

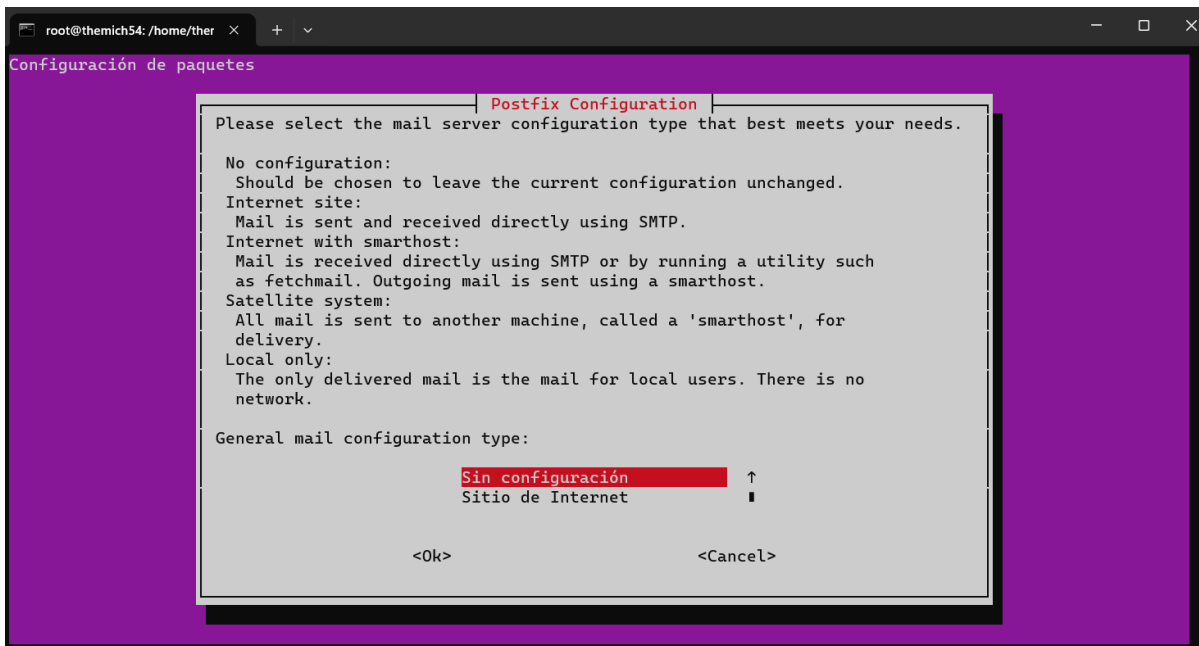
Jorge Guadalupe Castellanos Morfin

Investigación e Instalación de servicio Correo en Ubuntu Server

\$ sudo apt update

```
root@themich54: /home/ther x + v
root@themich54:/home/themich54# sudo apt update
Des:1 http://security.ubuntu.com/ubuntu lunar-security InRelease [109 kB]
Des:2 http://security.ubuntu.com/ubuntu lunar-security/main amd64 Packages [430 kB]
Obj:3 http://mx.archive.ubuntu.com/ubuntu lunar InRelease
Des:4 http://security.ubuntu.com/ubuntu lunar-security/main Translation-en [96,9 kB]
Des:5 http://mx.archive.ubuntu.com/ubuntu lunar-updates InRelease [109 kB]
Des:6 http://security.ubuntu.com/ubuntu lunar-security/restricted amd64 Packages [457 kB]
Des:7 http://security.ubuntu.com/ubuntu lunar-security/restricted Translation-en [74,8 kB]
Des:8 http://security.ubuntu.com/ubuntu lunar-security/universe amd64 Packages [749 kB]
Des:9 http://security.ubuntu.com/ubuntu lunar-security/universe Translation-en [80,3 kB]
Obj:10 http://mx.archive.ubuntu.com/ubuntu lunar-backports InRelease
Des:11 http://mx.archive.ubuntu.com/ubuntu lunar-updates/main amd64 Packages [538 kB]
Des:12 http://mx.archive.ubuntu.com/ubuntu lunar-updates/main Translation-en [128 kB]
Des:13 http://mx.archive.ubuntu.com/ubuntu lunar-updates/restricted amd64 Packages [457 kB]
Des:14 http://mx.archive.ubuntu.com/ubuntu lunar-updates/restricted Translation-en [74,8 kB]
Des:15 http://mx.archive.ubuntu.com/ubuntu lunar-updates/universe amd64 Packages [842 kB]
Des:16 http://mx.archive.ubuntu.com/ubuntu lunar-updates/universe Translation-en [109 kB]
Descargados 4.256 kB en 2s (1.993 kB/s)
```

\$ sudo apt install postfix



\$ cp /etc/postfix/main.cf /etc/postfix/main.cf.copy

```
root@themich54: /home/ther x + v
root@themich54:/home/themich54# cp /etc/postfix/main.cf /etc/postfix/main.cf.copy
root@themich54:/home/themich54#
```

\$ sudo nano /etc/postfix/main.cf

```
root@themich54: /home/ther x + v
GNU nano 7.2 /etc/postfix/main.cf *

# TLS parameters
smtpd_tls_cert_file=/etc/ssl/certs/ssl-cert-snakeoil.pem
smtpd_tls_key_file=/etc/ssl/private/ssl-cert-snakeoil.key
smtpd_tls_security_level=may

smtp_tls_CApath=/etc/ssl/certs
smtp_tls_security_level=may
smtp_tls_session_cache_database = btree:${data_directory}/smtp_scache

smtpd_relay_restrictions = permit_mynetworks permit_sasl_authenticated defer_unauth_destination
myhostname = tonio.net
alias_maps = hash:/etc/aliases
alias_database = hash:/etc/aliases
myorigin = /etc/mailname
mydestination = $myhostname, tonio.net, themich54, localhost.localdomain, localhost
relayhost =
mynetworks = 10.0.1.0/24 127.0.0.0/8 [::ffff:127.0.0.0]/104 [::1]/128
mailbox_size_limit = 0
recipient_delimiter = +
inet_interfaces = all
inet_protocols = all

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo      M-A Set Mark
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^_ Go To Line  M-E Redo      M-6 Copy
```

\$ service postfix reload

```
root@themich54: /home/ther x + v
root@themich54:/home/themich54# service postfix reload
root@themich54:/home/themich54# |
```

\$ sudo apt install mailutils

```
root@themich54: /home/ther x + v
root@themich54:/home/themich54# sudo apt install mailutils
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
  gssasl-common guile-3.0-libs libgc1 libgsasl18 libidn12 libltdl7 libmailutils9 libmysqlclient21 libntlm0 libpq5
  mailutils-common mysql-common
Paquetes sugeridos:
  mailutils-mh mailutils-doc
Se instalarán los siguientes paquetes NUEVOS:
  gssasl-common guile-3.0-libs libgc1 libgsasl18 libidn12 libltdl7 libmailutils9 libmysqlclient21 libntlm0 libpq5
  mailutils mailutils-common mysql-common
0 actualizados, 13 nuevos se instalarán, 0 para eliminar y 6 no actualizados.
Se necesita descargar 10,4 MB de archivos.
Se utilizarán 67,8 MB de espacio de disco adicional después de esta operación.
¿Desea continuar? [S/n] s
0% [Conectando a mx.archive.ubuntu.com]
```

"home_mailbox = Maildir/"

```
root@themich54: /home/ther  GNU nano 7.2 /etc/postfix/main.cf *

# TLS parameters
smtpd_tls_cert_file=/etc/ssl/certs/ssl-cert-snakeoil.pem
smtpd_tls_key_file=/etc/ssl/private/ssl-cert-snakeoil.key
smtpd_tls_security_level=may

smtp_tls_CApath=/etc/ssl/certs
smtp_tls_security_level=may
smtp_tls_session_cache_database = btree:${data_directory}/smtp_scache

smtpd_relay_restrictions = permit_mynetworks permit_sasl_authenticated defer_unauth_destination
myhostname = tonio.net
alias_maps = hash:/etc/aliases
alias_database = hash:/etc/aliases
myorigin = /etc/mailname
mydestination = $myhostname, tonio.net, themich54, localhost.localdomain, localhost
relayhost =
mynetworks = 10.0.1.0/24 127.0.0.0/8 [::ffff:127.0.0.0]/104 [::1]/128
mailbox_size_limit = 0
recipient_delimiter = +
inet_interfaces = all
inet_protocols = all
home_mailbox = Maildir/
```

\$ sudo apt-get install dovecot-core dovecot-imapd

```
root@themich54: /home/ther  root@themich54:/home/themich54# sudo apt-get install dovecot-core dovecot-imapd
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
  libexttextcat-2.0-0 libexttextcat-data liblua5.3-0
Paquetes sugeridos:
  dovecot-gssapi dovecot-ldap dovecot-lmtpd dovecot-lucene dovecot-managesieved dovecot-mysql dovecot-pgsql
  dovecot-pop3d dovecot-sieve dovecot-solr dovecot-sqlite dovecot-submissiond ntp
Se instalarán los siguientes paquetes NUEVOS:
  dovecot-core dovecot-imapd libexttextcat-2.0-0 libexttextcat-data liblua5.3-0
0 actualizados, 5 nuevos se instalarán, 0 para eliminar y 6 no actualizados.
Se necesita descargar 3.821 kB de archivos.
Se utilizarán 12,4 MB de espacio de disco adicional después de esta operación.
¿Desea continuar? [S/n] s
Des:1 http://mx.archive.ubuntu.com/ubuntu lunar/main amd64 libexttextcat-data all 3.4.5-1build2 [179 kB]
Des:2 http://mx.archive.ubuntu.com/ubuntu lunar/main amd64 libexttextcat-2.0-0 amd64 3.4.5-1build2 [13,7 kB]
Des:3 http://mx.archive.ubuntu.com/ubuntu lunar/main amd64 liblua5.3-0 amd64 5.3.6-2 [139 kB]
Des:4 http://mx.archive.ubuntu.com/ubuntu lunar/main amd64 dovecot-core amd64 1:2.3.19.1+dfsg1-2ubuntu4 [3.301 kB]
Des:5 http://mx.archive.ubuntu.com/ubuntu lunar/main amd64 dovecot-imapd amd64 1:2.3.19.1+dfsg1-2ubuntu4 [188 kB]
Descargados 3.821 kB en 1s (3.376 kB/s)
```

\$ sudo nano /etc/dovecot/conf.d/10-mail.conf

```
GNU nano 7.2 /etc/dovecot/conf.d/10-mail.conf *
# doesn't yet have any mail, so you should explicitly tell Dovecot the full
# location.
#
# If you're using mbox, giving a path to the INBOX file (eg. /var/mail/%u)
# isn't enough. You'll also need to tell Dovecot where the other mailboxes are
# kept. This is called the "root mail directory", and it must be the first
# path given in the mail_location setting.
#
# There are a few special variables you can use, eg.:
#
# %u - username
# %n - user part in user@domain, same as %u if there's no domain
# %d - domain part in user@domain, empty if there's no domain
# %h - home directory
#
# See doc/wiki/Variables.txt for full list. Some examples:
#
# mail_location = maildir:~/Maildir
# mail_location = mbox:~/mail:INBOX=/var/mail/%u
# mail_location = mbox:/var/mail/%d/%1n/%n:INDEX=/var/indexes/%d/%1n/%n
#
# <doc/wiki/MailLocation.txt>
mail_location = maildir:~/Maildir

# If you need to set multiple mailbox locations or want to change default

^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute  ^C Location  M-U Undo     M-A Set Mark
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify  ^/_ Go To Line M-E Redo     M-6 Copy
```

\$ sudo nano /etc/dovecot/conf.d/10-ssl.conf

```
GNU nano 7.2 /etc/dovecot/conf.d/10-ssl.conf *
##
## SSL settings
##
# SSL/TLS support: yes, no, required. <doc/wiki/SSL.txt>
ssl = no

# PEM encoded X.509 SSL/TLS certificate and private key. They're opened before
# dropping root privileges, so keep the key file unreadable by anyone but
# root. Included doc/mkcert.sh can be used to easily generate self-signed
# certificate, just make sure to update the domains in dovecot-openssl.cnf
#ssl_cert = </etc/dovecot/private/dovecot.pem
#ssl_key = </etc/dovecot/private/dovecot.key

# If key file is password protected, give the password here. Alternatively
# give it when starting dovecot with -p parameter. Since this file is often
# world-readable, you may want to place this setting instead to a different
# root owned 0600 file by using ssl_key_password = <path>.
#ssl_key_password =

# PEM encoded trusted certificate authority. Set this only if you intend to use
# ssl_verify_client_cert=yes. The file should contain the CA certificate(s)
# followed by the matching CRL(s). (e.g. ssl_ca = </etc/ssl/certs/ca.pem)
#ssl_ca =

# Require that CRL check succeeds for client certificates.
```

\$ sudo nano /etc/dovecot/conf.d/10-auth.conf

```
root@themich54: /home/ther x + v
GNU nano 7.2 /etc/dovecot/conf.d/10-auth.conf *
##
## Authentication processes
##

# Disable LOGIN command and all other plaintext authentications unless
# SSL/TLS is used (LOGINDISABLED capability). Note that if the remote IP
# matches the local IP (ie. you're connecting from the same computer), the
# connection is considered secure and plaintext authentication is allowed.
# See also ssl=required setting.
disable_plaintext_auth = no

# Authentication cache size (e.g. 10M). 0 means it's disabled. Note that
# bsdauth and PAM require cache_key to be set for caching to be used.
#auth_cache_size = 0
# Time to live for cached data. After TTL expires the cached record is no
# longer used, *except* if the main database lookup returns internal failure.
# We also try to handle password changes automatically: If user's previous
# authentication was successful, but this one wasn't, the cache isn't used.
# For now this works only with plaintext authentication.
#auth_cache_ttl = 1 hour
# TTL for negative hits (user not found, password mismatch).
# 0 disables caching them completely.
#auth_cache_negative_ttl = 1 hour

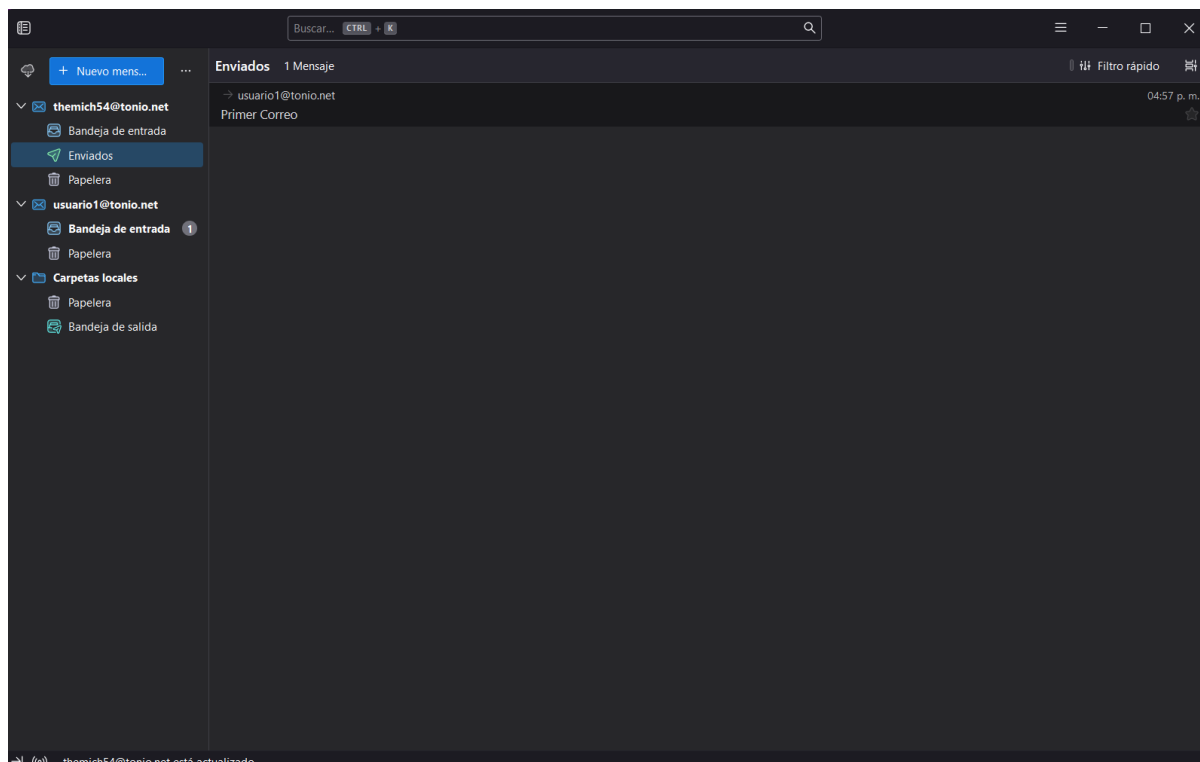
# Space separated list of realms for SASL authentication mechanisms that need
# them. You can leave it empty if you don't want to support multiple realms.

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo      M-A Set Mark
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^_ Go To Line  M-E Redo      M-G Copy
```

\$ sudo service dovecot reload

```
root@themich54: /home/ther x + v
root@themich54:/home/themich54# sudo service dovecot reload
root@themich54:/home/themich54# |
```

correo enviado desde themich54@tonio.net a usuario1@tonio.net



correo recibido recibido desde themich54@tonio.net a usuario1@tonio.net

