

Postfix relay con hotmail,cv.gva.es,gmail

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Realizado con: **L^AT_EX**

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1. Introducción

Hay cierto servidor de correo que requieren que quien envia el correo sea un servidor web confiable. Este es el caso de hotmail, gmail y cv.gva.es. Esto evita el spam.

Si tenemos un servidor con ip dinámica los correos no podrán ser enviados, para ello haremos relay (reenviar a través de otro servidor smtp).

2. Postfix

```
myorigin = /etc/mailname

smtpd_banner = $myhostname ESMTP $mail_name (Debian/GNU)
biff = no

# appending .domain is the MUA's job.
append_dot_mydomain = no

# Uncomment the next line to generate "delayed mail" warnings
delay_warning_time = 4h

# [...]
#
# SASL SUPPORT FOR SERVERS
#
# The following options set parameters needed by Postfix to enable
# Cyrus-SASL support for authentication of mail servers.
#
smtp_use_tls = yes
smtp_sasl_auth_enable = yes
smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd
smtp_sasl_security_options = noanonymous
smtp_sasl_tls_security_options = noanonymous

## TLS Settings
smtp_tls_loglevel = 1
smtp_tls_CAfile = /etc/postfix/cacert.pem
smtp_tls_cert_file = /etc/postfix/F00-cert.pem
smtp_tls_key_file = /etc/postfix/F00-key.pem
smtp_use_tls = yes
smtpd_tls_received_header = yes
smtpd_use_tls = yes

# configuracao tls
smtp_use_tls = yes
smtp_sasl_auth_enable = yes
smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd
smtp_sasl_security_options = noanonymous
smtp_sasl_tls_security_options = noanonymous

# alias de mapeamento interno para externo
smtp_generic_maps = hash:/etc/postfix/generic

myhostname = aldarias.es
alias_maps = hash:/etc/aliases
alias_database = hash:/etc/aliases
myorigin = /etc/mailname
mydestination = aldarias.es, localhost

##Ejecutar: postmap hash:/etc/postfix/sasl_passwd
#http://groups.google.com/group/es.comp.lenguajes.php/browse_thread/thread/dbfd2147e02c2781/1d9694007dc0553b
relayhost = smtp.ono.es
smtp_sasl_auth_enable = yes
smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd
smtp_sasl_security_options =

#relayhost =

mynetworks = 127.0.0.0/8 192.168.2.0/24
mailbox_command = procmail -a "$EXTENSION"
mailbox_size_limit = 0
recipient_delimiter = +
inet_interfaces = all

mailbox_size_limit = 104857600
message_size_limit = 104857600
```

```
# Courier-Imap
home_mailbox = Maildir/

## SOPORTE SASL
#smtpd_sasl_auth_enable=yes
#smtpd_sasl_security_options=noanonymous
#broken_sasl_auth_clients=yes
#smtpd_sasl_local_domain=
smtpd_helo_required=yes
disable_vrfy_command=yes
postalias = hash:/etc/postfix/access
smtpd_sender_restrictions = hash:/etc/postfix/access, permit_sasl_authenticated, permit_mynetworks
smtpd_recipient_restrictions=permit_sasl_authenticated,permit_mynetworks,reject_unauth_destination

# alias de mapeamento interno para externo
smtp_generic_maps = hash:/etc/postfix/generic

#http://bulma.net/body.phtml?nIdNoticia=2233
#Cambiar el servidor de envio
postmap = hash:/etc/postfix/transport
transport_maps = hash:/etc/postfix/transport

#Ejecutar: postmap hash:sasl_passwd
relayhost = smtp.gmail.com
smtp_sasl_auth_enable = yes
smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd
sender_canonical_maps = hash:/etc/postfix/sender_canonical
smtp_sasl_security_options =

#Bloquear por IP
#Hacer: postmap hash:/etc/postfix/maps/access_client
#http://www.akadia.com/services/postfix_uce.html
smtpd_client_restrictions =
    check_client_access hash:/etc/postfix/maps/access_client,permit
header_checks = regexp:/etc/postfix/maps/header_checks
mime_header_checks = regexp:/etc/postfix/maps/mime_header_checks

#http://www.akadia.com/services/postfix_mta.html
# Email inexistentes
#postmap hash:/etc/postfix/relocated
relocated_maps = hash:/etc/postfix/relocated
```

3. Indicar con quien queremos hacer relay

```
cat /etc/postfix/transport

gmail.com      smtp:[smtp.gmail.com]:587
hotmail.com    smtp:scorreo.cv.gva.es
cv.gva.es      smtp:scorreo.cv.gva.es
ono.com        smtp:smtp.ono.com
```

4. Identificarnos en los SMTP

```
cat /etc/postfix/sasl_passwd

smtp.ono.com   paco.aldarias:micontraseña
scorreo.cv.gva.es faldarias526v:micontraseña
[smtp.gmail.com]:587 paco.aldarias:micontraseña
```

5. Crear el certificado para GMAIL: tls

1. Generar el certificado:

```
/usr/lib/ssl/misc/CA.pl -newca
```

2. Generar clave privada:

```
openssl req -new -nodes
```

3. Firmarla

```
openssl ca -out F00-cert.pem -infiles F00-req.pem
```

4. Copiarla en /etc/postfix

```
cp demoCA/cacert.pem F00-key.pem F00-cert.pem /etc/postfix  
chmod 644 /etc/postfix/F00-cert.pem /etc/postfix/cacert.pem  
chmod 400 /etc/postfix/F00-key.pem
```

5. Añadir la firma

```
cat /etc/ssl/certs/Thawte_Premium_Server_CA.pem >> /etc/postfix/cacert.pem
```

6. Bibliografía

1. <http://prantran.blogspot.com/2007/01/getting-postfix-to-work-on-ubuntu-with.html>