

# Serveur MX de secours

Pour les petites infrastructures n'ayant pas les besoins ou les moyens de mettre en place deux serveurs mails en mode Active/Active, il est conseillé d'avoir un second serveur de messagerie entrant MX afin de temporiser le mail le temps que le serveur Maître redevienne disponible.

Pour cela il vous faut postfix, et juste le configurer comme ceci

[main.cf](#)

```
myhostname = mx02.virtit.fr
smtpd_banner = $myhostname ESMTP
mynetworks = 127.0.0.0/24 [::1]/128
maximal_queue_lifetime = 30d

relay_recipient_maps =
relay_domains = hash:/etc/postfix/relaydomains
transport_maps = hash:/etc/postfix/transportmaps

smtpd_recipient_restrictions = permit_mynetworks,
reject_unauth_destination

#
## TLS settings
#
smtpd_use_tls = yes
smtpd_tls_auth_only = no
smtpd_tls_key_file = /etc/letsencrypt/mx02.virtit.fr/live/private.key
smtpd_tls_cert_file =
/etc/letsencrypt/mx02.virtit.fr/live/fullchain.pem
smtpd_tls_dh1024_param_file = ${config_directory}/dh2048.pem
smtpd_tls_loglevel = 1
smtpd_tls_session_cache_database =
btree:$data_directory/smtpd_tls_session_cache
smtpd_tls_security_level = may
smtpd_tls_received_header = yes

# Disallow SSLv2 and SSLv3, only accept secure ciphers
smtpd_tls_protocols = !SSLv2, !SSLv3
smtpd_tls_mandatory_protocols = !SSLv2, !SSLv3
smtpd_tls_mandatory_ciphers = high
smtpd_tls_mandatory_exclude_ciphers = aNULL, MD5 , DES, ADH, RC4, PSD,
SRP, 3DES, eNULL
smtpd_tls_exclude_ciphers = aNULL, MD5 , DES, ADH, RC4, PSD, SRP, 3DES,
eNULL

# Enable elliptic curve cryptography
smtpd_tls_eecdh_grade = strong
```

```
# Use TLS if this is supported by the remote SMTP server, otherwise use plaintext.
smtp_tls_security_level = may
smtp_tls_loglevel = 1
smtp_tls_exclude_ciphers = EXPORT, LOW
```

Ensuite on va définir les domaines relayer :

### relaydomains

```
virtit.fr OK
```

et vers quels serveurs les renvoyer :

### transportmaps

```
virtit.fr      smtp:mx01.virtit.fr:25
```

et ensuite on les hash :

```
# postmap /etc/postfix/transportmaps && postmap /etc/postfix/relaydomains
```

on génère la clé Diffie Hellman :

```
# openssl dhparam -out /etc/postfix/dh2048.pem 2048
```

Et il ne vous restera qu'à renseigner vos certificats aux lignes suivantes :

```
12. #
13. ## TLS settings
14. #
15. smtpd_use_tls = yes
16. smtpd_tls_auth_only = no
17. smtpd_tls_key_file = /etc/letsencrypt/mx02.virtit.fr/live/private.key
18. smtpd_tls_cert_file =
    /etc/letsencrypt/mx02.virtit.fr/live/fullchain.pem
19. smtpd_tls_dh1024_param_file = ${config_directory}/dh2048.pem
20. smtpd_tls_loglevel = 1
```

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