# How to fix postfix mail server error 'relay access denied' on FreeBSD

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If you're running a newly configured Postfix SMTP server and you get in /var/log/maillog errors like:

**Relay access denied**

**i.e.** in log whenever you try to deliver a mail to the mail server you get something like:

**Jan 29 10:05:04 600h postfix/smtpd[4624]: NOQUEUE: reject: RCPT from mxtb-pws3.mxtoolbox.com[64.20.227.133]: 554 5.7.1 : Relay access denied; from= to= proto=ESMTP helo=**

This is to because the virtualdomain to which postfix is trying to deliver is not added among the domains for which relaying is allowed.

To fix it edit /etc/postfix/main.cf ; find line

relay_domains = $mydestination

and add all domains, for which relaying should be allowed. Let's say you have virtual domains example.com and example1.com to enable relaying, add to conf:

relay_domains = $mydestination example.com example1.com

Also *whether, virtual domain names are read from a separate configured hashed .db file like /etc/postfix/virtual.db*

Usually done via /etc/postfix/main.cf via vars:

 virtual_mailbox_maps = hash:/etc/postfix/virtual
virtual_alias_maps = hash:/etc/postfix/virtual

Its neccessery to run cmd;

postmap virtual
# ls -al /etc/postfix/virtual*
-rwxrwxrwx  1 root  wheel      45 Jan 29 05:27 /etc/postfix/virtual
-rwxrwxrwx  1 root  wheel  131072 Jan 29 10:58 /etc/postfix/virtual.db

This command re-builds virtual.db including all newly input domains in /etc/postfix/virtual

Finally to load new configs its necessary to restart postfix;

This particular Postfix is running on FreeBSD so to restart it;

```
 # /etc/rc.d/postfix restart
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....