

- **TMDA**

If you want the option to be very aggressive about spam control, TMDA (Tagged Message Delivery Agent) is a challenge based tool that requires a sender to confirm their sending address before the incoming message is delivered. I don't use it myself, but many people do.

Info: <http://www.tmda.net>

Install:

```
cd /var/src/tar
wget http://shupp.org/software/tmda-1.1.11.tgz
wget http://shupp.org/software/tmda-cgi-0.16.3.tar.bz2
wget http://shupp.org/patches/tmda-cgi-parent_re.patch

cd ../
tar -xzf tar/tmda-1.1.11.tgz
cd tmda-1.1.11
./compileall
cd ../
mv tmda-1.1.11 /usr/local/
ln -s /usr/local/tmda-1.1.11 /usr/local/tmda

# Now we'll install the vpopmail related scripts

cp /var/src/toaster-scripts-0.9.0/vadduser-tmda
/home/vpopmail/bin/
cp /var/src/toaster-scripts-0.9.0/vpopmail-vdir.sh
/home/vpopmail/bin/
cp /var/src/toaster-scripts-0.9.0/vtmdarc /home/vpopmail/etc/

# Setup tmda-ofmipd

mkdir -p /var/qmail/supervise/tmda-ofmipd/log
mkdir -p /var/qmail/supervise/tmda-ssl/log
mkdir /var/log/tmda-ofmipd/
mkdir /var/log/tmda-ssl/
chown vpopmail /var/log/tmda-*
cp /var/src/toaster-scripts-0.9.0/tmda-ofmipd.run
/var/qmail/supervise/tmda-ofmipd/run
cp /var/src/toaster-scripts-0.9.0/tmda-ofmipd.log.run
/var/qmail/supervise/tmda-ofmipd/log/run
```

NOTE: If you are using stunnel version 4, you should use tmda.ssl.run.v4 instead of tmda-ofmipd.ssl.run below. Type 'stunnel -V' (v. 3) or 'stunnel -version' (v. 4) to see what version is installed. You will also need to copy over stunnel.conf like so:

```
cp /var/src/toaster-scripts-0.9.0/tmda-stunnel.conf  
/var/qmail/supervise/tmda-ssl/stunnel.conf
```

```
cp /var/src/toaster-scripts-0.9.0/tmda-ofmipd.ssl.run  
/var/qmail/supervise/tmda-ssl/run
```

```
cp /var/src/toaster-scripts-0.9.0/tmda-ofmipd.ssl.log.run  
/var/qmail/supervise/tmda-ssl/log/run  
chmod 755 /var/qmail/supervise/tmda-ofmipd/run  
chmod 755 /var/qmail/supervise/tmda-ofmipd/log/run  
chmod 755 /var/qmail/supervise/tmda-ssl/run  
chmod 755 /var/qmail/supervise/tmda-ssl/log/run  
ln -s /var/qmail/supervise/tmda-ofmipd  
/var/qmail/supervise/tmda-ssl /service
```

Setup tmda-cgi

```
cd /var/src  
tar -xjf tar/tmda-cgi-0.16.3.tar.bz2  
cd tmda-cgi-0.16.3  
patch -p0 < ../tar/tmda-cgi-parent_re.patch  
rm -r skel/uninstall/%\(Parent\)s/  
cd ../  
mv tmda-cgi-0.16.3 /usr/local/  
cd /usr/local/tmda-cgi-0.16.3
```

```
./configure \  
-t /var/www/cgi-bin/tmda.cgi \  
-p /home/vpopmail/bin/vchkpw \  
-m single-user \  
-l "vpopmail1 /home/vpopmail/bin/vuserinfo ~" \  
-i /usr/local/tmda-cgi-0.16.3/ \  
-d /display
```

NOTE: If you installed vpopmail somewhere other than /home/vpopmail, you'll need to update refernces in defaults.ini here

```
make  
make install
```

```
chown vpopmail:vchkpw /var/www/cgi-bin/tmda.cgi  
chmod ug+s /var/www/cgi-bin/tmda.cgi
```

- Now, you'll need to add an alias directive to your web server. Add the following to /etc/httpd/httpd.conf (or where ever your conf file is), and restart Apache:

```
Alias /display /usr/local/tmda-cgi-0.16.3/display/
```

Now, you should be able to point your browser to /cgi-bin/tmda.cgi, log in with your email address and password, and add/edit/remove tmda for your account. Note that the qmail files created by tmda WILL show up in QmailAdmin.

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