cgl@mail:/$ sudo apt-get install exim4-daemon-heavy
cgl@mail:/$ sudo apt-get install exim4-daemon-heavy
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  libperl5.14 libpq5
The following packages will be REMOVED:
  exim4-daemon-light
The following NEW packages will be installed:
  exim4-daemon-heavy libperl5.14 libpq5
0 upgraded, 3 newly installed, 1 to remove and 0 not upgraded.
Need to get 638 kB of archives.
After this operation, 826 kB of additional disk space will be used.
Do you want to continue [Y/n]?
cgl@mail:/$ sudo /usr/share/doc/exim4-base/examples/exim-gencert
cgl@mail:/$ sudo /usr/share/doc/exim4-base/examples/exim-gencert
[*] Creating a self signed SSL certificate for Exim!
   This may be sufficient to establish encrypted connections but for secure identification you need to buy a real certificate!

    Please enter the hostname of your MTA at the Common Name (CN) prompt!

Generating a 1024 bit RSA private key
....+++++
........
writing new private key to '/etc/exim4/exim.key'
-----
You are about to be asked to enter information that will be incorporated into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Code (2 letters) [US]:
Generating a 1024 bit RSA private key

writing new private key to '/etc/exim4/exim.key'

You are about to be asked to enter information that will be incorporated into your certificate request. What you are about to enter is what is called a Distinguished Name or a DN. There are quite a few fields but you can leave some blank. For some fields there will be a default value, If you enter '.', the field will be left blank.

Country Code (2 letters) [US]:
State or Province Name (full name) []:UT
Locality Name (eg, city) []:St. George
Organization Name (eg, company; recommended) []:DSU Tux
Organizational Unit Name (eg, section) []:IT Support
Server name (eg. ssl.domain.tld; required!!!) []:mail.dsutux.us
Email Address []:root@mail.dsutux.us

[*] Done generating self signed certificates for exim!
   Refer to the documentation and example configuration files over at /usr/share/doc/exim4-base/ for an idea on how to enable TLS support in your mail transfer agent.
cgl@mail:/$ ls -l /etc/exim4/
total 96
drwxr-xr-x 9 root root 4096 Sep 3 13:23 conf.d
-rw-r--r-- 1 root root 76575 Dec 28 2012 exim4.conf.template
-rw-r----- 1 root Debian-exim 969 Sep 15 18:22 exim.crt
-rw-r----- 1 root Debian-exim 916 Sep 15 18:22 exim.key
-rw-r----- 1 root Debian-exim 204 Dec 28 2012 passwd.client
-rw-r--r-- 1 root root 1091 Sep 3 13:27 update-exim4.conf.conf

cgl@mail:/$
cgl@mail:/$ sudo apt-get install sasl2-bin
cgl@mail:/$ sudo emacs /etc/default/saslauthd
# Settings for saslauthd daemon
# Please read /usr/share/doc/sasl2-bin/README.Debian for details.
#
# Should saslauthd run automatically on startup? (default: no)
START=yes

# Description of this saslauthd instance. Recommended.
# (suggestion: SASL Authentication Daemon)
DESC="SASL Authentication Daemon"

# Short name of this saslauthd instance. Strongly recommended.
# (suggestion: saslauthd)
NAME="saslauthd"

# Which authentication mechanisms should saslauthd use? (default: pam)
#
# Available options in this Debian package:
# getpwent -- use the getpwent library function
# kerberos5 -- use Kerberos 5

Wrote /etc/default/saslauthd
cgl@mail:/$ sudo service saslauthd start
  * Starting SASL Authentication Daemon saslauthd
[ OK ]
cgl@mail:/$
cgl@mail:/$ sudo emacs /etc/exim4/exim4.conf.template
### main/03_exim4-config_tls_options

# ADDED TO ENABLE TLS AUTHENTICATION
MAIN_TLS_ENABLE = yes
# ADDED TO ENABLE TLS AUTHENTICATION

# TLS/SSL configuration for exim as an SMTP server.
# See /usr/share/doc/exim4-base/README.Debian.gz for explanations.

ifdef MAIN_TLS_ENABLE
# Defines what hosts to 'advertise' STARTTLS functionality to. The
default, *, will advertise to all hosts that connect with EHLO.
ifndef MAIN_TLS_ADVERTISE_HOSTS
MAIN_TLS_ADVERTISE_HOSTS = *
.endif
tls_advertise_hosts = MAIN_TLS_ADVERTISE_HOSTS
### main/03_exim4-config_tlsoptions

#### TLS/SSL configuration for exim as an SMTP server.
# See /usr/share/doc/exim4-base/README.Debian.gz for explanations.

```bash
# ifdef MAIN_TLS_ENABLE
# Defines what hosts to 'advertise' STARTTLS functionality to. The
# default, *, will advertise to all hosts that connect with EHLO.
```
# TLS/SSL configuration for exim as an SMTP server.
# See /usr/share/doc/exim4-base/README.Debian.gz for explanations.
# Authenticate against local passwords using sasl2-bin
# Requires exim.uid to be a member of sasl group, see README.Debian.gz
# UNCOMMENTED FOLLOWING SECTION TO ALLOW LOGIN
plain_saslauthd_server:
  driver = plaintext
  public_name = PLAIN
  server_condition = ${if saslauthd{{$auth2}{$auth3}}{1}{0}}
  server_set_id = $auth2
  server_prompts = :
  .ifndef AUTH_SERVER_ALLOW_NOTLS_PASSW ÖDS
  server_advertise_condition = ${if eq{$tls_cipher}{}{1}{0}}
  .endif

# login_saslauthd_server:
#  driver = plaintext
#  public_name = LOGIN
#  server_prompts = "Username:: : Password::"
#  # don't send system passwords over unencrypted connections
#  server_condition = ${if saslauthd{{$auth1}{$auth2}}{1}{0}}
#  server_set_id = $auth1
#  .ifndef AUTH_SERVER_ALLOW_NOTLS_PASSW ÖDS
cgl@mail:/$ sudo adduser Debian-exim sasl
Adding user `Debian-exim' to group `sasl' ...
Adding user Debian-exim to group sasl
Done.
cgl@mail:/$
cgl@mail:/$ sudo update-exim4.conf

cgl@mail:/$
cgl@mail:/$ sudo service exim4 restart
  * Stopping MTA for restart [ OK ]
  * Restarting MTA [ OK ]
cgl@mail:/$
cgl@mail:/$ sudo netstat -ntl
Active Internet connections (only servers)

<table>
<thead>
<tr>
<th>Proto</th>
<th>Recv-Q</th>
<th>Send-Q</th>
<th>Local Address</th>
<th>Foreign Address</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>tcp</td>
<td>0</td>
<td>0</td>
<td>144.38.214.5:587</td>
<td>0.0.0.0:*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp</td>
<td>0</td>
<td>0</td>
<td>127.0.0.1:587</td>
<td>0.0.0.0:*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp</td>
<td>0</td>
<td>0</td>
<td>144.38.214.5:465</td>
<td>0.0.0.0:*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp</td>
<td>0</td>
<td>0</td>
<td>127.0.0.1:465</td>
<td>0.0.0.0:*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp</td>
<td>0</td>
<td>0</td>
<td>0.0.0.0:22</td>
<td>0.0.0.0:*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp</td>
<td>0</td>
<td>0</td>
<td>144.38.214.5:25</td>
<td>0.0.0.0:*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp</td>
<td>0</td>
<td>0</td>
<td>127.0.0.1:25</td>
<td>0.0.0.0:*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp</td>
<td>0</td>
<td>0</td>
<td>0.0.0.0:993</td>
<td>0.0.0.0:*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp6</td>
<td>0</td>
<td>0</td>
<td>::1:587</td>
<td>:::::*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp6</td>
<td>0</td>
<td>0</td>
<td>::1:465</td>
<td>:::::*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp6</td>
<td>0</td>
<td>0</td>
<td>::22</td>
<td>:::::*</td>
<td>LISTEN</td>
</tr>
<tr>
<td>tcp6</td>
<td>0</td>
<td>0</td>
<td>::1:25</td>
<td>:::::*</td>
<td>LISTEN</td>
</tr>
</tbody>
</table>

cgl@mail:/$