Exercise 9.3: Enforce TLS/SSL for IMAP in `dovecot`

Solution 9.3

1. Edit the configuration file and require ssl.

   - On **CentOS**: Edit the file `/etc/dovecot/conf.d/10-ssl.conf` and add or edit these line:
     ```
     ssl = required
     ```

   - On **OpenSUSE**:

     (a) Add or edit the file `/etc/dovecot/conf.d/10-ssl.conf` and make sure these lines exist:
     ```
     ssl = required
     ssl_cert = </etc/ssl/certs/dovecot.pem
     ssl_key = </etc/ssl/private/dovecot.pem
     ```

     (b) Generate a self-signed certificate for IMAP.
     ```
     # cd /usr/share/doc/packages/dovecot/
     # ./mkcert.sh
     ```

   - On **Ubuntu** and **Debian**:

     (a) Edit the file `/etc/dovecot/conf.d/10-ssl.conf` and change the lines:
     ```
     ssl = required
     ssl_cert = </etc/dovecot/dovecot.pem
     ssl_key = </etc/dovecot/private/dovecot.pem
     ```

     (b) Generate a self-signed certificate for IMAP.
     ```
     # cd /usr/share/dovecot
     # ./mkcert.sh
     ```

2. Restart **dovecot**: and test your **mutt** command again.

   ```
   # systemctl restart dovecot
   $ mutt -f imap://student@<IP_ADDRESS>/
   ```