



### Exercise 4.2: Prove a service is listening only on localhost

Prove the default **SMTP** service is only running on localhost.

NOTE: You may have to start or enable the SMTP service, and install the **telnet** client for this lab.

NOTE: **Ubuntu** systems may require reconfiguration of **postfix** before it will start. To reconfigure:

```
$ sudo dpkg-reconfigure postfix
```

Then select configuration of **local only** and accept the defaults as presented.

### Solution 4.2

- Use the **netstat** command to prove where the SMTP daemon is listening.

```
# netstat -taupe | grep smtp
```

- Use the **telnet** command to prove that the daemon is listening on localhost only.

1. Connect to the localhost interface.

```
$ telnet localhost 25
```

2. Attempt to connect from a remote interface.

```
$ telnet X.Y.Z.A 25
```