



## Exercise 9.1: Enable the Postfix SMTP server for external access

- Ensure all hosts in your network are allowed to send email to your server.

### Solution 9.1

#### 1. Ensure **Postfix** is installed:

- On **CentOS**:

```
# yum install postfix
```

- On **OpenSUSE**:

```
# zypper install postfix
```

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

```
# apt-get install postfix
```

- If asked what method for configuration type choose Internet Site.
- If asked which mail name, set it to your current host name.

#### 2. Enable **Postfix** to listen on all interfaces:

```
# postconf -e "inet_interfaces = all"
```

#### 3. Enable trusted subnets:

```
# postconf -e "mynetworks_style = subnet"
```

#### 4. Restart **Postfix**:

```
# systemctl restart postfix
```

Note: Be aware the firewall may interfere with this test.

#### 5. Test from a remote server using **telnet** (you may need to install **telnet**):

Note: The commands (like helo,mail,rcpt, etc) may need to be capitalized on some distributions.

```
$ telnet <IP ADDRESS> 25
helo localhost
mail from:root@localhost
rcpt to:root@localhost
data
Subject: testing telnet email

This is neat
.
quit
```

6. Verify the mail was received using the **mutt** command or the **mail** command.

NOTE: you may have to install the `mail` command. It is part of either the `mailx` (**CentOS** or **OpenSUSE**) or `mailutils` (**Ubuntu** and **Debian**) packages.