

Squirrelmail Exercise

1. Installing Squirrelmail

```
afnog@pc36:~$sudo apt-get install squirrelmail
```

2. Configure Squirrelmail

```
afnog@pc36:~$ sudo squirrelmail-configure
```

3. Choose the following options to configure the Domain-Name, IMAP Software to be Dovecot and others that might be of interest.

3.1 Configuring the Domains Server Settings.

```
SquirrelMail Configuration : Read: config.php (1.4.0)
```

```
-----  
Main Menu --
```

1. Organization Preferences
2. Server Settings
3. Folder Defaults
4. General Options
5. Themes
6. Address Books
7. Message of the Day (MOTD)
8. Plugins
9. Database
10. Languages

D. Set pre-defined settings for specific IMAP servers

- C Turn color on
S Save data
Q Quit

```
Command >> 2          <----- SELECT Option 2 and PRESS ENTER
```

```
SquirrelMail Configuration : Read: config.php (1.4.0)
```

```
-----  
Server Settings
```

```
General
```

- ```

1. Domain : trim(implode('', file('/etc/'.
(file_exists('/etc/mailname')?'mail':'host').'name')))
2. Invert Time : false
3. Sendmail or SMTP : SMTP
```

- A. Update IMAP Settings : localhost:143 (other)  
B. Update SMTP Settings : localhost:25

- R Return to Main Menu  
C Turn color on  
S Save data

Q Quit

Command >> 1 <----- SELECT Option 1 and PRESS ENTER

The domain name is the suffix at the end of all email addresses. If for example, your email address is jdoe@example.com, then your domain would be example.com.

```
[trim(implode('', file('/etc/'.(file_exists('/etc/mailname')?'mail':'host').'name')))] : _____afnog.guru <-----
TYPE & ENTER THE DELEGATED DOMAIN NAME FROM DNS CLASS
```

### 3.2 Configuring the IMAP Server Settings.

SquirrelMail Configuration : Read: config.php (1.4.0)

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#### Server Settings

##### General

- 
- 1. Domain : XXXXXXXX.afnog.guru
  - 2. Invert Time : false
  - 3. Sendmail or SMTP : SMTP
  
  - A. Update IMAP Settings : localhost:143 (other)
  - B. Update SMTP Settings : localhost:25
  
  - R Return to Main Menu
  - C Turn color on
  - S Save data
  - Q Quit

Command >> A <----- SELECT Option A and PRESS ENTER

SquirrelMail Configuration : Read: config.php (1.4.0)

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#### Server Settings

##### General

- 
- 1. Domain : \_\_\_\_\_afnog.guru
  - 2. Invert Time : false
  - 3. Sendmail or SMTP : SMTP

##### IMAP Settings

- 
- 4. IMAP Server : localhost
  - 5. IMAP Port : 143
  - 6. Authentication type : login
  - 7. Secure IMAP (TLS) : false
  - 8. Server software : other

- 9. Delimiter : detect
- B. Update SMTP Settings : localhost:25
- H. Hide IMAP Server Settings
- R Return to Main Menu
- C Turn color on
- S Save data
- Q Quit

Command >> 8 <----- SELECT Option 8 and PRESS ENTER

Command >> 8

Each IMAP server has its own quirks. As much as we tried to stick to standards, it doesn't help much if the IMAP server doesn't follow the same principles. We have made some work-arounds for some of these servers. If you would like to use them, please select your IMAP server. If you do not wish to use these work-arounds, you can set this to "other", and none will be used.

- bincimap = Binc IMAP server
- courier = Courier IMAP server
- cyrus = Cyrus IMAP server
- dovecot = Dovecot Secure IMAP server
- exchange = Microsoft Exchange IMAP server
- hmailserver = hMailServer
- macosx = Mac OS X Mailserver
- mercury32 = Mercury/32
- uw = University of Washington's IMAP server
- gmail = IMAP access to Google mail (Gmail) accounts
- other = Not one of the above servers

[other]: dovecot <----- TYPE dovecot and PRESS ENTER

### 3.3 SAVE and EXIS Squirrelmail Configuration.

SquirrelMail Configuration : Read: config.php (1.4.0)

---

#### Server Settings

##### General

- 1. Domain : XXXXXX.afnog.guru
- 2. Invert Time : false
- 3. Sendmail or SMTP : SMTP

##### IMAP Settings

- 4. IMAP Server : localhost
- 5. IMAP Port : 143
- 6. Authentication type : login
- 7. Secure IMAP (TLS) : false
- 8. Server software : dovecot
- 9. Delimiter : detect

- B. Update SMTP Settings : localhost:25
- H. Hide IMAP Server Settings

- R Return to Main Menu
- C Turn color on
- S Save data
- Q Quit

Command >> S <----- TYPE S and PRESS ENTER

quirrelMail Configuration : Read: config.php (1.4.0)

-----  
Server Settings

General

- 1. Domain : \_\_\_\_\_ .afnog.guru
- 2. Invert Time : false
- 3. Sendmail or SMTP : SMTP

IMAP Settings

- 4. IMAP Server : localhost
- 5. IMAP Port : 143
- 6. Authentication type : login
- 7. Secure IMAP (TLS) : false
- 8. Server software : dovecot
- 9. Delimiter : detect

- B. Update SMTP Settings : localhost:25
- H. Hide IMAP Server Settings

- R Return to Main Menu
- C Turn color on
- S Save data
- Q Quit

Command >> Q <----- TYPE Q and PRESS ENTER

Exiting conf.pl.

You might want to test your configuration by browsing to  
<http://your-squirrelmail-location/src/configtest.php>  
Happy SquirrelMailing!

#### 4. Apache Configuration

To view our emails over the web interface

4.1 Create a file for squirrelmail under the /etc/apache2/sites-enabled folder

```
$sudo nano /etc/apache2/sites-enabled/squirrelmail.conf
```

```
<FilesMatch "^\.ht">
 Require all denied
</FilesMatch>
```

```
Alias /squirrelmail /usr/share/squirrelmail
```

```
<Directory /usr/share/squirrelmail>
 Options FollowSymLinks
 <IfModule mod_php5.c>
 php_flag register_globals off
 </IfModule>
 <IfModule mod_dir.c>
 DirectoryIndex index.php
 </IfModule>
```

```
 # access to configtest is limited by default to prevent
information leak
```

```
 <Files configtest.php>
 order deny,allow
 deny from all
 allow from 127.0.0.1
 </Files>
</Directory>
```

Add all of the above and save and exit

5.3 Close the file and exit and restart apache

```
afnog@pcXX:/etc/squirrelmail$ sudo service apache2 restart
```

5.4 Try and load this from the browser by going to the following url on your browser;

<http://pcXX.sse.ws.afnog.org/squirrelmail/>