SquirrelMail Exercise - AFNOG 10 Cairo.

Following the presentations start with creating a virtual hosts that redirects all the http connections to the webmail to https connection.

Create the webmail virtual host in httpd-vhosts.conf

$vi /usr/local/etc/apache/extra/httpd-vhosts.conf

Add the following in the bottom of the file

*<VirtualHost *:80>*
ServerName webmail.name.afnogws.gh
RewriteEngine on
RewriteCond %{HTTPS} ^off$
RewriteCond %{HTTP_HOST} (.)*
RewriteRule ^(.)/? https://%1/$1 [L,R]*
</VirtualHost>

* save and quit

Create the apache file permissions;

Create a file called webmail.conf in /usr/local/etc/apache22/Includes/

Inside the file have the following

<Directory /usr/local/www/squirrelmail>
Order deny,allow
Allow from all
* </Directory>*

Virtual SSL Host Config

Edit /usr/local/etc/apache22/extra/http-ssl.conf

At top of file before the start of the Virtual hosts line **Add** the following line

*NameVirtualHosts *:443*

MODIFY the default SSL line config as follows;

<VirtualHost _default_ :443>

to

*<VirtualHost *:443>*

MODIFY the other existing other SSL virtual host config as follows

<VirtualHost www.name.afnogws.gh:443>

to

*<VirtualHost *:443>*

Add a third Virtual httpd folder

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<VirtualHost *:443>
ServerAdmin webmaster@name.afnogws.gh
DocumentRoot /usr/local/www/squirrelmail
ServerName webmail.name.afnogws.gh
ErrorLog "/var/log/httpd-error.log"
TransferLog "/var/log/httpd-access.log"
SSLEngine on
SSLCertificateFile /usr/local/etc/apache22/server.crt
SSLCertificateKeyFile /usr/local/etc/apache22/server.key
<FilesMatch "\.(cgi|shtml|phtml|php)$">
   SSLOptions +StdEnvVars
</FilesMatch>
<Directory "/usr/local/www/apache22/cgi-bin">
   SSLOptions +StdEnvVars
</Directory>

BrowserMatch ".*MSIE.*" \
     nokeepalive ssl-unclean-shutdown \
     downgrade-1.0 force-response-1.0

CustomLog "/var/log/httpd-ssl_request.log" \
     "%t %h %{SSL_PROTOCOL}x %{SSL_CIPHER}x \"%r\" %b"
</VirtualHost>
```


*Save and quit