

# Zach L

## xNIX Stuff

<http://www.linuxhotbox.com/adminguide/index.html>

## Apache Stuff

This is some text from an external source....  
Just to get the brain going.

### Configure Apache/SSL

```
mkdir /usr/local/htdocs/secure
mkdir /usr/local/htdocs/secure/myhost.mydomain
```

#Now make changes in ssl.conf

#Look for similar lines and make sure it looks like this:

```
<VirtualHost _default_:443>
# General setup for the virtual host
DocumentRoot "/usr/local/htdocs/secure/myhost"
ServerName myhost.mydomain:443
ServerAdmin me@myhost.mydomain
ErrorLog logs/error_log
TransferLog logs/access_log

#This is dangerous I just realized (01-02-2004)
#It causes a loop in redirection. I've only noticed
#the problem when still using localhost.
#The URL gets the domain appended in recursive fashion
#Get your site up first by leaving it commented out.
#You can try adding it later if you need it.
#Redirect / https://myhost.mydomain/mywebapp

# Static files
Alias /mywebapp "/usr/local/tomcat/webapps/mywebapp"

<Directory "/usr/local/tomcat/webapps/mywebapp">
    Options Indexes FollowSymLinks
    DirectoryIndex index.jsp
</Directory>

# Deny direct access to WEB-INF and META-INF
<Location "/mywebapp/WEB-INF/*">
    AllowOverride None
    deny from all
</Location>

<Location "/mywebapp/protected_area/*">
    AllowOverride None
    deny from all
</Location>
```

### Create SSL Certificate

Someone else outlined this in his install document and has some info on other packages such as Oracle, JFreeChart, and iText  
Please see <http://myweb.cableone.net/kdubuisson/Install.PDF>

```
cd /usr/local/ssl/bin
./openssl genrsa -out myhost.mydomain.key 1024
./openssl req -new -key myhost.mydomain.key -out myhost.mydomain.csr
```

#Answer the questions you are prompted with

```
./openssl x509 -days 365 -req -in myhost.mydomain.csr \  
-signkey myhost.mydomain.key -out myhost.mydomain.cert
```

#For 1 year

```
cp myhost.mydomain.* /usr/local/apache2/conf
```

#copy them over

#edit http.conf file

```
SSLCertificateFile /usr/local/apache2/conf/myhost.mydomain.cert  
SSLCertificateKeyFile /usr/local/apache2/conf/myhost.mydomain.key
```

## Linux Internet Web Server and Domain Configuration Tutorial

<http://www.yolinux.com/TUTORIALS/LinuxTutorialWebSiteConfig.html>

Apache Red Hat / Fedora Core GUI configuration:

GUI configuration tool:

- Fedora Core 2/3/4: /usr/bin/system-config-httpd
- Red Hat 8/9, Fedora Core 1: /usr/bin/redhat-config-httpd

Unknown macro: {table-plus}