

# In-Common SSL Cert Installation on Apache 2.2

The steps towards obtaining a free cert for ucla based webserver:

1. Generate a CSR with a 2048-bit minimum key for each common name for which you require a cert
2. Be sure that the common name(s) contain a fully qualified domain name
3. Forward both the CSR and the common name information directly to

[incommon@noc.ucla.edu](mailto:incommon@noc.ucla.edu)

Create the CSR and the KEY files by running the following:

```
openssl req -new -newkey rsa:2048 -nodes -keyout SERVER.key -out SERVER.csr
```

where SERVER is the name of your server

Once receiving the email from NOC open the link that says "X509 Certificate only, Base64 encoded", rename it to .CRT

now in the conf file add the following:

SSLEngine on

SSLCertificateFile /etc/apache2/certs/server\_ucla\_edu.crt

SSLCertificateKeyFile /etc/apache2/certs/server\_ucla\_edu.key

those settings are the basic and may require more directives options.

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