

## 12-HTTPS

We are going to activate https on our site,

\*First, we'll generate our certificate and private key.

```
root@ZeltonCoul:/home/pau# openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/ssl/private/apache-selfsigned.key -out /etc/ssl/certs/apache-selfsigned.crt
```

\*Then, we'll have to set the route in our copy from default-ssl.conf

```
SSLCertificateFile /etc/ssl/certs/apache-selfsigned.crt
SSLCertificateKeyFile /etc/ssl/private/apache-selfsigned.key
```

\*And, of course, add the directory section.

```
<VirtualHost _default_:443>
    ServerAdmin gradolipau@gmail.com

    DocumentRoot /home/others
    <Directory home/others>
        Require all granted
    </Directory>
```

\*We'll create this file and directoroes in /home/others/.

```
root@ZeltonCoul:/etc/apache2/sites-available# cd /home/
root@ZeltonCoul:/home# tree others/
others/
└─ index.html

0 directories, 1 file
root@ZeltonCoul:/home# _
```

\*Surely, don't forget to enable the file and give permissions.

```
root@ZeltonCoul:/etc/apache2/sites-available# a2ensites default-ssl.conf
```

\*And with that just restart machine.

Certificate Viewer: PAU

General

Details

Issued To

Common Name (CN)

Organization (O)

Organizational Unit (OU)

PAU

SW

SW

Issued By

Common Name (CN)

Organization (O)

Organizational Unit (OU)

PAU

SW

SW

Validity Period

Issued On

Expires On

Thursday, December 15, 2022 at 1:27:58 PM

Friday, December 15, 2023 at 1:27:58 PM

Fingerprints

SHA-256 Fingerprint

SHA-1 Fingerprint

33 DF FB 76 38 A2 1A 5E EE 26 83 02 89 B8 10 AC  
F4 AB 99 AD C0 C1 AC 51 BF 18 77 54 80 0D 8D FC

0E 01 53 9C 46 BC CF 62 5F C8 1A C1 47 F3 63 B4  
B2 CC 67 E3

The End.