

Let's Encrypt Apache

Generation of https certificate (TLS/SSL) for your apache web site (Debian commands).

Cheat Sheet by Clément G, 18 August 2022

1. Snapd


install snapd on debian

```
$ sudo apt install snapd  
sudo snap install core
```

2. Install certbot

install certbot on debian

```
$ sudo snap install certbot --classic  
check snap list application  
$ sudo snap list
```



Name	Version	Rev	Tracking	Publisher	Notes
certbot	1.29.0	2190	latest/stable	certbot-eff✓	classic
core	16-2.56.2	13430	latest/stable	canonical✓	core
core20	20220805	1615	latest/stable	canonical✓	base

3. Settings file

add your domain name to /etc/hosts

```
$ nano /etc/hosts
```

associate your domain name with your localhost ip

```
127.0.1.1 yourdomainname 127.0.1.1 jedom  
127.0.1.1 website.example.com
```


4. Apache file settings

go to your web site apache file

```
$ cd /etc/apache2/sites-available/ yoursitefile.conf
```

add ServerName line in your configuration

```
$ nano yoursitefile.conf  
ServerName yourdomainname
```




```
<VirtualHost *:80>  
    ServerAdmin webmaster@localhost  
    ServerName website.example.com  
    DocumentRoot /var/www/html  
    ErrorLog /var/www/html/log/http.error
```

5. Certbot

launch certbot and follow the instructions

```
$ certbot --apache
```



```
Successfully deployed certificate
```

That's it!

