

SSL in Apache2

1. បើក mode_ssl

```
a2enmod ssl
systemctl restart apache2
```

2. ສ້າງ TLS Certificate

```
openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/ssl/private/chaxiong-la.key -out /etc/ssl/certs/chaxiong-la.crt
```

[illegible]

3. ແກ້ໄຂ host

```
vim /etc/apache2/sites-available/web1.chaxiong.conf
```

```
<VirtualHost *:443>
    ServerAdmin admin@chaxiong.la
    ServerName chaxiong.la
    Redirect / https://www.chaxiong.la/
    ServerAlias www.chaxiong.la
    DocumentRoot /var/www/html/vhosts/web1
    <Directory /var/www/html/vhosts/web1>
        Options Indexes FollowSymLinks
        AllowOverride All
        Require all granted
    </Directory>
    SSLEngine on
    SSLCertificateFile /etc/ssl/certs/chaxiong-la.crt
    SSLCertificateKeyFile /etc/ssl/private/chaxiong-la.key

    ErrorLog /var/www/html/vhosts/web1/log/error.log
    CustomLog /var/www/html/vhosts/web1/log/access.log combined
</VirtualHost>
```

4. Restart Services

```
apache2ctl configtest
systemctl restart apache2
ufw allow "Apache Full"
a2enmod headers
```

5. ທົດສອບ https

