

Activate SSL on Apache

Information

Base directory for config: /etc/apache2

Below, we consider we are in directory /etc/apache2

Certificates file are my own wildard: star_mycert_be.xxxx You can change to your own names.

Start

Connect to jeedom via ssh and login.

Copy your certificate and key to the home directory of user "jeedom". (You cannot do that with ~~jeexplorer~~—Réglages/Systèmes/Editeur de fichiers.)

Change as root: sudo su -

Change directory to /etc/apache2

Copy certificates

Create a directory for certificate and key, make it available to root only and move both files on it.

Directory for certificates is sslcert

```
mkdir sslcert
chown root:root sslcert
chmod 755 sslcert
```

File were copied in jeedom home directory

```
mv /home/jeedom/star* sslcert
chown root:root sslcert/star*
```

Configuration

vhost config files are located in sites-available

For the used one, a link is present in sites-enabled

For jeedom, the default site is used for http. The file is 000-default.conf

Prepare a new one in sites-enabled for https. Copy file 000-default.conf to sites-enabled as 000-default-ssl.conf

```
cp sites-available/000-default.conf sites-enabled/000-default-ssl.conf
```

Edit file 000-default-ssl.conf, to obtain the following. The element in red are concerned

```
<VirtualHost *:443>
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/html
    ErrorLog /var/www/html/log/http.error
    SSLEngine on
    SSLCertificateFile /etc/apache2/sslcert/star_mycert_be.crt
```

```
SSLCertificateKeyFile /etc/apache2/sslcert/star_mycert_be.key
</VirtualHost>
```

Create symbolic link in sites-enabled for 000-default-ssl.conf

```
cd sites-enabled
ln -s /etc/apache2/sites-available/000-default-ssl.conf 000-default-ssl.conf
cd /etc/apache2
```

ou

```
a2ensite 000-default-ssl.conf
```

Activate modules in Apache

Activated modules have one or more link in mods-enabled to files in mods-available

Create symbolic link in mods-enabled for ssl.load, ssl.conf, socache_shmcb.load

```
cd mods-enabled
ln -s ../mods-available/ssl.conf ssl.conf
ln -s ../mods-available/ssl.load ssl.load
ln -s ../mods-available/socache_shmcb.load socache_shmcb.load
cd /etc/apache2
```

ou

```
a2enmod ssl
a2enmod socache_shmcb
```

Verify and restart Apache

Verify config with

```
apachectl configtest
```

If no error is reported, proceed to start/stop Apache.

Stop/start Apache

```
apachectl stop
apachectl start
```