Add Apache2 SSL certificate

Generate the private key and a certificate request

As root on the ESIA server, generate a key and certificate using the command

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

Answer the questions. For the password challenge ⇒ leave blank, ENTER.

The above command has generated two files:

- ESIA.key ⇒ The private key
- ESIA.csr ⇒ to be sent to the certification authority

CSR = **C**ertificate **S**igning **R**equest

Certify the CSR file

The ESIA.csr file must be certified by a certification authority in order to obtain a CRT file.

Place the private key and the crt

After signing your CSR file. Place your two files in the

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```
/usr/local/esia/certs/
```

Then open and modify the

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```
nano /etc/apache2/sites-enabled/esia-ssl.conf
```

The file contains this :

```
...
```

```
        SSLEngine on

        SSLCertificateFile /usr/local/esia/certs/enterprise-esia.crt

        SSLCertificateKeyFile /usr/local/esia/certs/enterprise-esia.key

</VirtualHost>
```

Replace « enterprise-esia.crt » with « ESIA.crt » and « enterprise-esia.key » with « ESIA.key »

To finish, restart the apache2 service

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```
systemctl restart apache2
```

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