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

сору

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

Answer the questions. For the password challenge \Rightarrow leave blank, ENTER.

The above command has generated two files:

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

CSR = Certificate Signing Request

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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