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Create PKCS12 client certificate via OpenSSL

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As is so often the case, working with SSL you need to configure and test a strong authentication (SSL client authentication). In all these cases, you need to provide an ad-hoc client certificate to perform a succesful handshake.

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In all these cases, you need to provide an ad-hoc client certificate to perform a succesful handshake.

 OpenSSL (<http://www.openssl.org/>) can be used to create your PKCS12 client certificate by performing the following few steps.

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- Create a new request

```
openssl req -new -nodes -out req.pem -keyout key.pem -days 3650 -config openssl.cnf
```

- Sign the request with your certification authority (CA)

```
openssl ca -out cert.pem -days 365 -config openssl.cnf -infiles req.pem
```

- Create you p12 certificate

```
openssl pkcs12 -export -in cert.pem -inkey key.pem -certfile cacert.pem -name "Fabio Martelli" -out cert.p12
```

Now you can use your cert.p12 with client application.

E.G. If your client is Firefox you can simply import your certificate as a new "personal certificate".

IMPORTANT: the target peer (the application requiring strong authentication) has to be provisioned with the CA which has signed your certificate. en 

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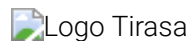
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