

Sign SSL CSR with own authority

```
openssl x509 -req -in TheCSR.csr -CA ALITECS-CA256.crt -CAkey ALITECS-CA256.key -CAcreateserial -out NewCert.crt -days 3650
```

To sign with sha256 if not stated in the CSR:

```
openssl x509 -req -in TheCSR.csr -CA ALITECS-CA256.crt -CAkey ALITECS-CA256.key -CAcreateserial -out NewCert.crt -days 3650 -sha256
```

To sign with extensions for example add SAN:

```
openssl x509 -req -in TheCSR.csr -CA ALITECS-CA256.crt -CAkey ALITECS-CA256.key -CAcreateserial -out NewCert.crt -days 3650 -sha256 -extfile file
```

file

```
subjectAltName=@alt_section
[alt_section]
IP.1=127.0.0.1
DNS.1=FQDN
```

Related articles

- [Sign SSL CSR with own authority](#)