



Social Good

Software

SSL Certificate

- **Certificate body**
- **Certificate private key**
- **Certificate chain (optional)**

SSL Certificate

- **Self-signed SSL/TLS certificate - Chain not required**
- **Certificate signed by a certificate authority (CA) - Chain required**

Cryptographic algorithms

- **1024-bit RSA (RSA_1024)**
- **2048-bit RSA (RSA_2048)**
- **3072-bit RSA (RSA_3072)**
- **4096-bit RSA (RSA_4096)**
- **Elliptic Prime Curve 256 bit (EC_prime256v1)**
- **Elliptic Prime Curve 384 bit (EC_secp384r1)**
- **Elliptic Prime Curve 521 bit (EC_secp521r1)**

Certificate

- **The certificate must be an SSL/TLS X.509 version 3 certificate**
- **It must contain a public key, the fully qualified domain name**
- **Certificate can be self-signed by your private key or by the private key of an issuing CA**
- **The private key must be unencrypted**
- **The certificate, private key, and certificate chain must be PEM-encoded**

Certificate body



.crt File

Certificate private key



private-key

Certificate chain (optional)



.crt File