

## [en] Certificate -SSL Certificate Request - CSR creation using Unix (CMD)

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### Keywords

Zertifikat Zertifikatsbeantragung ACME CSR

### Solution (public)

CSR creation using Unix (CMD)

Requirements:

- OpenSSL installed

1. Execute command in command line:

```
openssl req -new -newkey rsa:4096 -sha256 -keyout privkey.pem -outform PEM  
-out certreq.pem -nodes
```

2. The following information is requested:

Country Name (2 letter code): DE (for Germany, always in capital letters)

State or Province Name: Saxony (please do not use abbreviations)

Locality Name: Dresden (your city)

Organization Name: Technische Universitaet Dresden (full organization name)

Organization Unit Name: (please keep blank, will not be included in the certificate)

Common Name: XYZ.tu-dresden.de (complete host name)

Email Address: admin@tu-dresden.de (email address of contact person)

A challenge password: (please keep blank, otherwise your web server may not start automatically)

An optional company name: (please keep blank)

3. The directory now contains the private key (privkey.pem) and the certificate request (certreq.pem)