

Create CSR (Certificate Sign Request)

Create CSR config file

```
export fqdn="project.customer.com"  
vi ${fqdn}.csr.conf
```

content

```
[ req ]  
default_bits    = 2048  
default_md      = sha256  
prompt         = no  
encrypt_key     = no  
distinguished_name = dn  
req_extensions  = req_ext  
  
[ dn ]  
C = country-abbreviation  
ST = project  
L = location  
O = org  
OU = org-unit  
CN = project.customer.com  
  
[ req_ext ]  
subjectAltName = @alt_names  
  
[ alt_names ]  
DNS.1 = www.project.customer.com  
DNS.2 = stg-project.customer.com  
DNS.3 = www.stg-project.customer.com
```

Generate CSR

```
export fqdn="project.customer.com"
openssl req \
  -new \
  -newkey rsa:4096 \
  -nodes \
  -config ${fqdn}.csr.conf \
  -keyout ${fqdn}.key \
  -out ${fqdn}.csr
```

Verify CSR

```
openssl req \
  -in ${fqdn}.csr \
  -noout \
  -text
```

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