

The url: <http://bkys.io/certsign> does not work, so an alternative to generate a signed certificate is to use openssl. Below are the installation guides:

(1) Windows user: <https://www.tbs-certificates.co.uk/FAQ/en/openssl-windows.html>

(2) Mac user: <http://macappstore.org/openssl/> (step 1 and 2 are used to install Homebrew. Skip it if you already have Homebrew installed)

Once you have openssl, do the following:

1. Generate an RSA key for the CA:

```
$ openssl genrsa -out example.org.key 2048
```

2. You should have the .key file now generated. You can do the following to inspect the key:

```
openssl rsa -in example.org.key -noout -text
```

3. You can also separate the public key from the private key using the following, and inspect the .pubkey using the same tool in step (2):

```
openssl rsa -in example.org.key -pubout -out example.org.pubkey
```

4. Now generate a .csr (cert signing request):

```
openssl req -new -key example.org.key -out example.org.csr
```

5. You will be asked to fill in some particulars, like company, state name, etc. You are free to fill it with any info you want.
6. Finally, email me at [natalie\\_agus@sutd.edu.sg](mailto:natalie_agus@sutd.edu.sg) to get your certificate signed. **One request per group is enough.** You can verify later on using csacse.crt provided in edimension.