Try NDNCERT

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Step 1

Download and install NDNCERT (https://github.com/named-data/ndncert).

```
git clone https://github.com/named-data/ndncert.git
cd ndncert
./waf configure
./waf
./waf install
```

Step 2

Download the configuration file (out-of-band bootstrapping).

```
curl -o /usr/local/etc/ndncert/client.conf https://zhiyi-zhang.com/content/client-conf.txt
```

Step 3

Get your NFD connected to the NDN Testbed (If you don't know how, please visit http://named-data.net/doc/NFD/current/INSTALL.html#connecting-to-remote-nfds)

A summary of this process is also shown as follow.

Currently, the NDNCERT test server is only available through UCLA's NDN forwarder (`udp4://spurs.cs.ucla.edu`), so please use `udp4://spurs.cs.ucla.edu` in the route to NDNCERT test server. The CA is under the prefix `/ndn/edu/ucla-ndncert/CA` .

```
nfd-start # start nfd
nfdc face create udp4://spurs.cs.ucla.edu # create a face to UCLA site
nfdc route add /ndn [face_id] # [face_id] is shown in the result of the last command
```

Step 4

Run `ndncert-client` command line tool to get a certificate. Just follow the prompt in the command line tool.

```
ndncert-client
```