

Portus Installation

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Docker Compose

```
sudo pip install docker-compose
```

Hostname

I used my ipaddr as the hostname

In nginx/nginx.conf

```
server {  
    listen 443 ssl http2;  
    server_name [change it here!];  
    root /srv/Portus/public;
```

in .env file

```
MACHINE_FQDN=[change here!]
```

Remove .yaml files

use to only get the one needed .yaml file

```
rm docker-compose.* && wget  
https://gist.githubusercontent.com/Patazerty/d05652294d5874eddf192c9b633751ee/raw/  
6bf4ac6ba14192a1fe5c337494ab213200dd076e/docker-compose.yaml
```

Create Certificates

used these commands to use IP address instead of DN. see [here](#)

```
echo "subjectAltName = IP:[MY IP HERE]" > extfile.cnf #You can use DNS:domain.tld
too
openssl genrsa -out secrets/rootca.key 2048 -nodes
openssl req -x509 -new -nodes -key secrets/rootca.key \
  -subj "/C=US/ST=CA/O=Acme, Inc." \
  -sha256 -days 1024 -out secrets/rootca.crt
openssl genrsa -out secrets/portus.key 2048
openssl req -new -key secrets/portus.key -out secrets/portus.csr \
  -subj "/C=US/ST=CA/O=Acme, Inc./CN=[MY IP HERE]"
openssl x509 -req -in secrets/portus.csr -CA secrets/rootca.crt -extfile \
  extfile.cnf -CAkey secrets/rootca.key -CAcreateserial \
  -out secrets/portus.crt -days 500 -sha256
```

other option:

- move already made certificate into secrets/

or

```
openssl genrsa -out server.key 4096 && \
openssl req -new -key server.key -out server.csr && \
cp server.key server.key.org && \
openssl rsa -in server.key.org -out server.key && \
openssl x509 -req -days 365 -in server.csr -signkey server.key -out server.crt && \

mv server.crt portus.crt
mv server.key portus.key
```

Spin it up!

```
docker-compose up -d
```

LDAP

See the configuration values in the files under Portus/