

instalación nginx+certbot

1. crear estructura de directorios:

```
mkdir -p data/nginx/conf.d
mkdir -p data/nginx/www
mkdir -p data/certbot/www
mkdir -p data/certbot/conf
```

2. crear fichero configuración nginx:

```
server {
    listen 80;
    server_name <SERVER_NAME>;
#   location / {
#       return 301 https://$host$request_uri;
#   }
    root /var/www/html;
    index index.html;
    location /.well-known/acme-challenge/ {
        root /var/www/certbot;
    }
}
#server {
#   listen 443 ssl;
#   server_name <SERVER_NAME>;
#   ssl_certificate /etc/letsencrypt/live/k0.vividumcodex.com/fullchain.pem;
#   ssl_certificate_key
/etc/letsencrypt/live/k0.vividumcodex.com/privkey.pem;
##   include /etc/letsencrypt/options-ssl-nginx.conf;
##   ssl_dhparam /etc/letsencrypt/ssl-dhparams.pem;
#
#   location / {
#       root /var/www/html;
#   }
}
```

3. ejecutar:

[run-nginx.sh](#)

```
docker run \
    -it \
    --name nginx \
    --rm \
    -p 80:80 \
    -v ${PWD}/data/nginx/conf.d:/etc/nginx/conf.d \
    -v ${PWD}/data/nginx/www:/var/www/html \
    -v ${PWD}/data/certbot/conf:/etc/letsencrypt \
    -v ${PWD}/data/certbot/www:/var/www/certbot \
    nginx:1.15-alpine
```

4. ejecutar:

[run-certbot.sh](#)

```
docker run \  
  -it \  
  --name certbot \  
  --rm \  
  -v ${PWD}/data/certbot/conf:/etc/letsencrypt \  
  -v ${PWD}/data/certbot/www:/var/www/certbot \  
certbot/certbot:latest certonly
```

- opción 2 (place files in webroot directory)
- webroot: **/var/www/certbot**

origen

<https://medium.com/@pentacent/nginx-and-lets-encrypt-with-docker-in-less-than-5-minutes-b4b8a60d3a71>

[docker-compose.yml](#)

```
version: '3'  
services:  
  nginx:  
    image: nginx:1.15-alpine  
    ports:  
      - "80:80"  
      - "443:443"  
    volumes:  
      - ./data/nginx/conf.d:/etc/nginx/conf.d  
      - ./data/nginx/www:/var/www/html  
      - ./data/certbot/conf:/etc/letsencrypt  
      - ./data/certbot/www:/var/www/certbot  
    # command: "/bin/sh -c 'while ;; do sleep 6h & wait $${!!}; nginx -s reload;  
done & nginx -g \"daemon off;\"'"  
  
  certbot:  
    image: certbot/certbot  
    volumes:  
      - ./data/certbot/conf:/etc/letsencrypt  
      - ./data/certbot/www:/var/www/certbot  
    command: "certonly"  
    # # entrypoint: "/bin/sh -c 'trap exit TERM; while ;; do certbot renew;  
sleep 12h & wait $${!!}; done;'"
```

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