Tentative d'installation d'un reverse nginx avec let's encrypt sur un rpi2 :

https://homeserver-diy.net/wiki/index.php?title=Installation_et_configuration_d%E2%80%99un_reverse_proxy_avec_NginX
https://homeserver-diy.net/wiki/index.php?title=Utilisation_d%27Nginx_comme_reverse_proxy_avec_un_certificat_auto-sign%C3%A9,_Let%27s_Encrypt_et_un_chiffrement_fort
https://www.techcoil.com/blog/installing-certbot-on-raspbian-jessie-lite-for-deploying-lets-encrypt-certificates/

```
sudo apt install -y nginx

# sudo chown www-data:www-data /var/www <-- à revoir

sudo nano /etc/nginx/conf.d/proxy.conf

cd /opt

sudo apt install -y git-core

sudo git clone https://github.com/letsencrypt/letsencrypt

cd letsencrypt/

sudo service nginx stop

sudo ./letsencrypt-auto certonly -d votrenomde.domaine --
rsa-key-size 4096

How would you like to authenticate with the ACME CA?
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--------------------
1: Spin up a temporary webserver (standalone)
2: Place files in webroot directory (webroot)

Choix 1
```

```
sudo mv /etc/nginx/sites-enabled/default /etc/nginx/sites-enabled/ori.default

sudo nano /etc/nginx/sites-enabled/default

sudo openssl dhparam -out /etc/ssl/private/dhparams.pem 4096

sudo nginx -t

sudo nano /etc/nginx/nginx.conf

sudo systemctl start nginx

sudo sed -i "$ a\deb http://ftp.debian.org/debian jessie-backports main" /etc/apt/sources.list

sudo apt-get update && sudo apt-get install certbot -t jessie-backports -y --force-yes
```

Tentative d'installation d'un reverse nginx avec let's encrypt sur un rpi0 :

https://www.techcoil.com/blog/how-to-setup-a-reverse-proxy-server-with-nginx-raspian-jessie-lite-and-raspberry-pi-3/
https://www.techcoil.com/blog/installing-certbot-on-raspbian-jessie-lite-for-deploying-lets-encrypt-certificates/
https://www.techcoil.com/blog/how-to-enable-secured-remote-management-of-d-link-dir-series-router-with-certbot-nginx-raspbian-jessie-lite-and-raspberry-pi-3/

```
sudo apt-get update && sudo apt-get install nginx -y --fix-missing

sudo sed -i "$ a\deb http://ftp.debian.org/debian jessie-backports main" /etc/apt/sources.list
```

```
sudo apt-get update && sudo apt-get install certbot -t
jessie-backports -y --force-yes

sudo certbot certonly

sudo nano /etc/nginx/sites-enabled/ipgm.ilad.fr.conf
```

```
server {
    listen 80;
    server_name  ipgm.ilad.fr;

    root /var/www/ipgm.ilad.fr;

    location ~ /.well-known {
        allow all;
    }
}
```

```
sudo mkdir /var/www/ipgm.ilad.fr

sudo systemctl restart nginx.service

sudo certbot certonly --webroot -w /var/www/ipgm.ilad.fr/ -
d ipgm.ilad.fr
```

https://letsencrypt.status.io/

Reverse nginx avec let's encrypt sur un rpi0 debian 9 :

```
sudo apt install -y nginx
```

```
sudo nano /etc/nginx/conf.d/proxy.conf
```

```
proxy_redirect          off;
proxy_set_header        Host            $host;
```

```
proxy_set_header        X-Real-IP       $remote_addr;
proxy_set_header        X-Forwarded-For
$proxy_add_x_forwarded_for;
client_max_body_size    10m;
client_body_buffer_size 128k;
client_header_buffer_size 64k;
proxy_connect_timeout   90;
proxy_send_timeout      90;
proxy_read_timeout      90;
proxy_buffer_size   16k;
proxy_buffers       32   16k;
proxy_busy_buffers_size 64k;
```

```
sudo service nginx stop
```

```
sudo apt update && sudo apt install -y certbot python-
certbot-nginx
```

```
sudo certbot --nginx
```

```
sudo nano /etc/nginx/sites-enabled/default && sudo service
nginx reload
```

```


server {
        listen 443 ssl;
        server_name example.com;
        ssl_certificate /path/to/ssl/certificate.cert;
        ssl_certificate_key
/path/to/ssl/certificate/key.key;

        location / {
                proxy_http_version 1.1;
                proxy_set_header Host $http_host;
                proxy_set_header X-Real-IP $remote_addr;
                proxy_set_header X-Forwarded-For
$proxy_add_x_forwarded_for;
                proxy_set_header X-Forwarded-Proto $scheme;
```

```
                proxy_pass http://localhost:8080/;
                proxy_redirect http:// $scheme://;

                client_max_body_size 200M;
        }
}
```

Supprimer une certificat let's encrypt :

```
certbot revoke --cert-path
/etc/letsencrypt/live/CERTNAME/cert.pem --reason
cessationofoperation
```

```
certbot delete --cert-name example.com
```