

# 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=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://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/orig.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-raspbian-jessie-lite-and-raspberry-pi-3/>

<https://www.techcoil.com/blog/installing-certbot-on-raspbian-jessie-lite-or-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
```

```
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
```

