

# Gitlab

## Configure gitlab docker container on apache2 subdomain with ssl

```
# Install everything:  
apt-get install docker docker-compose python-certbot python-certbot-apache
```

### docker-compose.yml

```
web:  
  image: 'gitlab/gitlab-ce:latest'  
  restart: always  
  hostname: 'gitlab.hostname.de'  
  environment:  
    GITLAB_OMNIBUS_CONFIG: |  
      external_url 'https://gitlab.hostname.de:8443'  
      # Add any other gitlab.rb configuration here, each on its own  
line  
  ports:  
    - '8443:8443'  
    - '22:22'  
  volumes:  
    - '/srv/gitlab/config:/etc/gitlab'  
    - '/srv/gitlab/logs:/var/log/gitlab'  
    - '/srv/gitlab/data:/var/opt/gitlab'
```

```
# launch container:  
docker-compose up  
  
# install certificate and add subdomain  
certbot --apache  
certbot certonly --apache --expand -d hostname.de -d gitlab.hostname.de  
  
# rework and copy certificate into gitlab data storage:  
cd /etc/letsencrypt/live/hostname.de  
cat cert.pem fullchain.crt > gitlab.hostname.de.crt  
cp privkey.pem gitlab.hostname.de.key  
mv gitlab.* /srv/gitlab/config/ssl
```

### apache-default.conf

```
<VirtualHost _default_:80>  
  ServerName unknown  
  Redirect 200 /  
  ErrorDocument 200 "No such site."  
</VirtualHost>
```

```
<IfModule mod_ssl.c>
<VirtualHost *:443>
    ServerName hostname.de
    ServerAdmin webmaster@hostname.de

    # whatever you want apache to do

    #Include conf-available/serve-cgi-bin.conf
    SSLCertificateFile
/etc/letsencrypt/live/lieblichknuffeltal.de/fullchain.pem
    SSLCertificateKeyFile
/etc/letsencrypt/live/lieblichknuffeltal.de/privkey.pem
    Include /etc/letsencrypt/options-ssl-apache.conf

</VirtualHost>
</IfModule>

# force ssl
<VirtualHost *:80>
    ServerName hostname.de
    ServerAdmin webmaster@hostname.de

    RewriteEngine on
    RewriteCond %{SERVER_NAME} =hostname.de
    RewriteRule ^ https://%{SERVER_NAME}%{REQUEST_URI}
[END,QSA,R=permanent]

</VirtualHost>
```

## gitlab.conf

```
# this is probably redundant
<VirtualHost *:80>
    ServerName gitlab.hostname.de

    RewriteEngine On
    RewriteCond %{HTTP_HOST} ^(.)\.hostname\.de$
    RewriteRule ^(.*)$ https://%1.hostname.de/$1 [R=302,L]
</VirtualHost>

<VirtualHost *:443>
    ServerName gitlab.hostname.de
    redirect / https://gitlab.hostname.de:8443/

    SSLCertificateFile /etc/letsencrypt/live/hostname.de/fullchain.pem
    SSLCertificateKeyFile /etc/letsencrypt/live/hostname.de/privkey.pem
    Include /etc/letsencrypt/options-ssl-apache.conf

</VirtualHost>
```

```
</conf>
```