

# Docker part 2

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- [Docker part 2](#)
  - [Creating docker secret](#)
  - [Installing nextcloud and configuring with compose file](#)
  - [Nextcloud installeren buiten docker](#)
    - [Adding trusted domain](#)
  - [Allow ufw ports](#)
  - [Setup SSL](#)
  - [Result](#)
  - [Todo's](#)

## Creating docker secret

```
printf "*****" | docker secret create dockerP
```

## Installing nextcloud and configuring with compose file

```
echo '*****' &>>nextcloud_admin_password.txt
echo 'qwertic' &>>nextcloud_admin_user.txt
echo '*****' &>>postgres_password.
echo 'qwertic' &>>postgres_user.txt
touch postgres_db.txt
```

```
version: '3.2'

services:
  db:
    image: postgres
    restart: always
    volumes:
      - db:/var/lib/postgresql/data
    environment:
      - POSTGRES_DB_FILE=/run/secrets/postgres_db
      - POSTGRES_USER_FILE=/run/secrets/postgres_user
      - POSTGRES_PASSWORD_FILE=/run/secrets/postgres_password
    secrets:
      - postgres_db
      - postgres_password
      - postgres_user

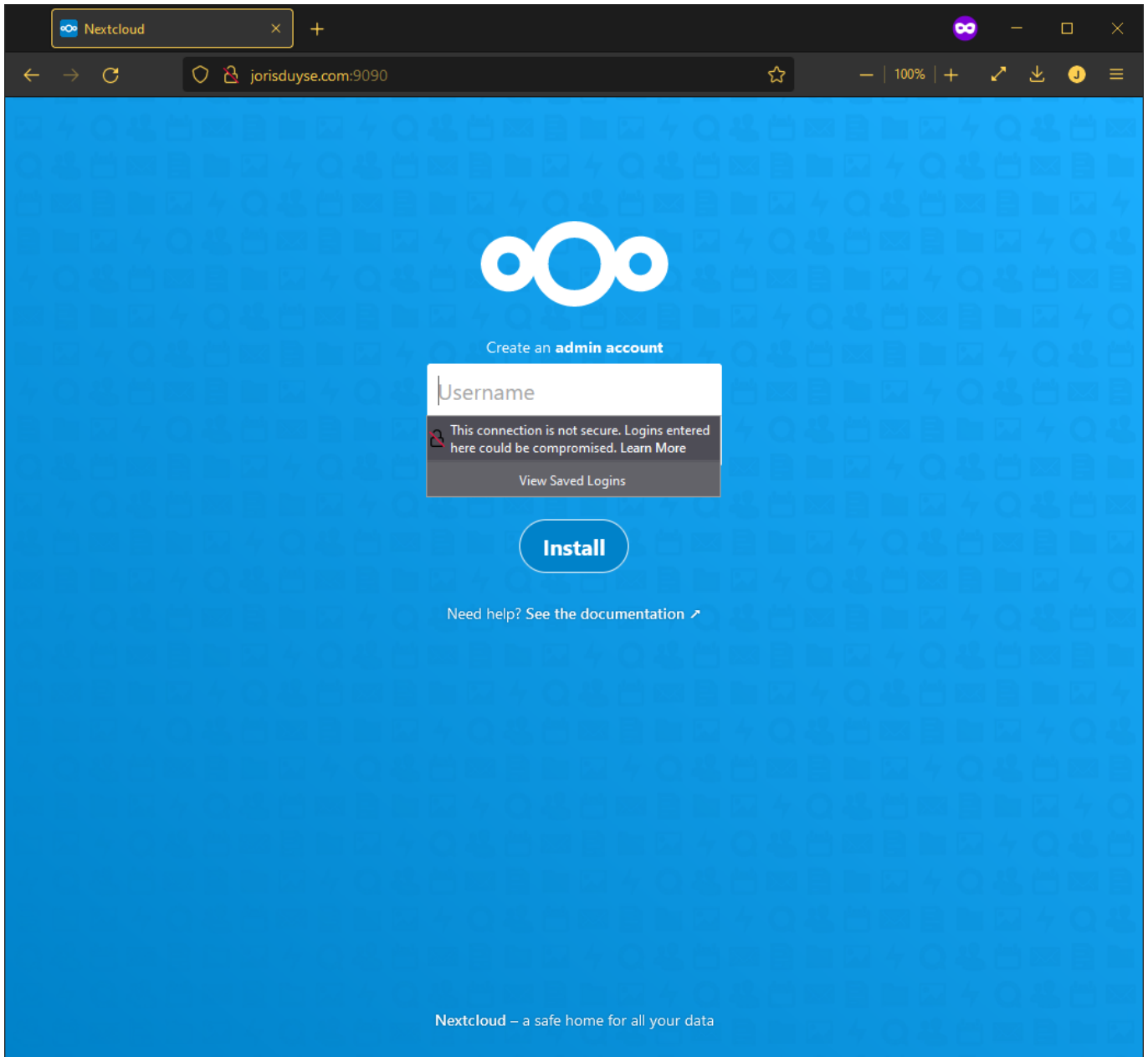
  app:
    image: nextcloud
    restart: always
```

```
ports:
  - 9090:80
volumes:
  - nextcloud:/var/www/html
environment:
  - POSTGRES_HOST=db
  - POSTGRES_DB_FILE=/run/secrets/postgres_db
  - POSTGRES_USER_FILE=/run/secrets/postgres_user
  - POSTGRES_PASSWORD_FILE=/run/secrets/postgres_password
  - NEXTCLOUD_ADMIN_PASSWORD_FILE=/run/secrets/nextcloud_admin_password
  - NEXTCLOUD_ADMIN_USER_FILE=/run/secrets/nextcloud_admin_user
depends_on:
  - db
secrets:
  - nextcloud_admin_password
  - nextcloud_admin_user
  - postgres_db
  - postgres_password
  - postgres_user

volumes:
  db:
  nextcloud:

secrets:
  nextcloud_admin_password:
    file: ./nextcloud_admin_password.txt
  nextcloud_admin_user:
    file: ./nextcloud_admin_user.txt
  postgres_db:
    file: ./postgres_db.txt
  postgres_password:
    file: ./postgres_password.txt
  postgres_user:
    file: ./postgres_user.txt
```

```
docker compose up -d
```



Error bij het inloggen van de nextCloud server.

## Nextcloud installeren buiten docker

```
qwertic@cplex:~$ sudo snap install nextcloud
qwertic@cplex:~$ sudo nextcloud.manual-install qwertic *****
Nextcloud was successfully installed
```

### Adding trusted domain

```
qwertic@cplex:~$ sudo nextcloud.occ config:system:get trusted_domains
localhost

qwertic@cplex:~$ sudo nextcloud.occ config:system:set trusted_domains 1 --
value=cloud.jorisduyse.com
```

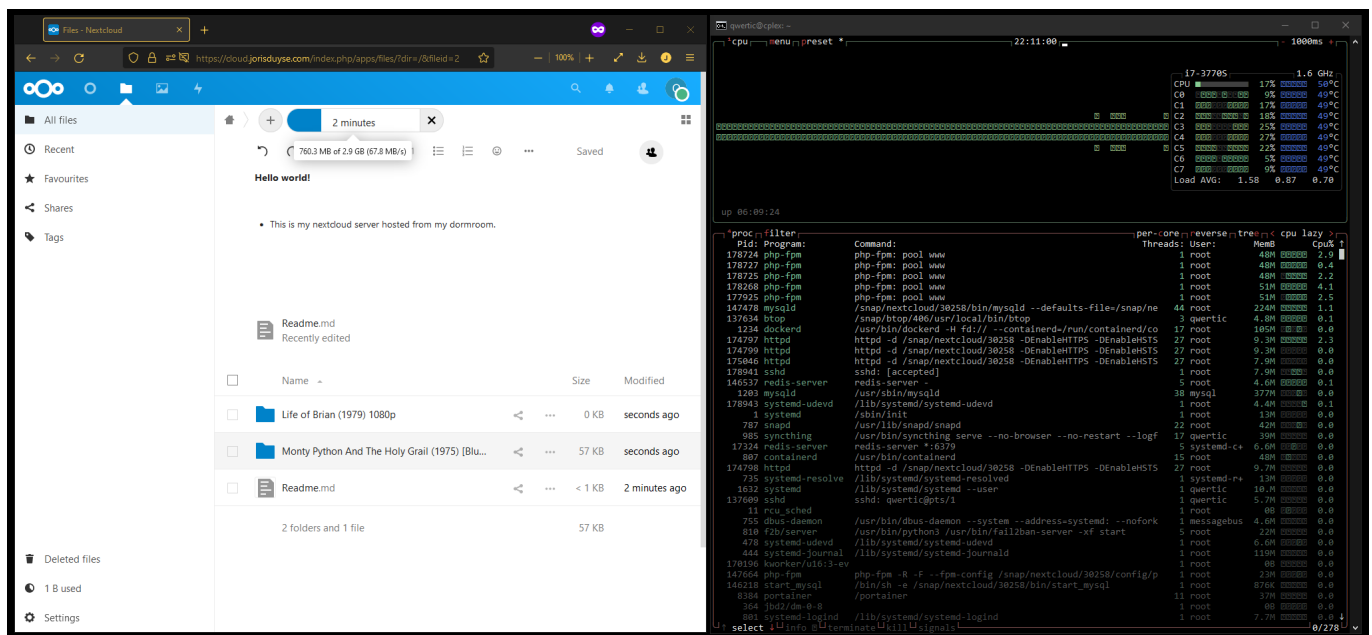
## Allow ufw ports

```
sudo ufw allow 80,443/tcp
```

## Setup SSL

```
sudo nextcloud.enable-https lets-encrypt
```

## Result



## Todo's

Een dedicated schijf maken voor Nextcloud. Een proxy maken zodat apache en nextcloud samen kunnen draaien.