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# Installing Soffid

## Prerequisites

- Docker compose
- 8GB RAM
- > 10GB disk space (50GB recommended)

## Installation

docker-compose.yml / compose.yml

```
version: "3.8"
services:
  mariadb:
    image: mariadb:11.4
    environment:
      MYSQL_ROOT_PASSWORD: XXXXX
      MYSQL_DATABASE: soffid01
      MYSQL_USER: soffid
      MYSQL_PASSWORD: XXXXX
    healthcheck:
      test: "/usr/bin/mariadb --user=root --password=XXXXX --execute \"SHOW DATABASES;\""
      interval: 2s
      timeout: 20s
      retries: 10
      command: --max_allowed_packet=128M --innodb_log_file_size=256M --character-set-server=utf8mb4 --
collation-server=utf8mb4_general_ci
    networks:
      - network
    volumes:
      - mariadb_data:/var/lib/mysql
```

console:

image: soffid/iam-console:3.6.7

environment:

DB\_URL: jdbc:mariadb://mariadb/soffid01

DB\_USER: soffid

DB\_PASSWORD: XXXXX

ports:

- 8080:8080

networks:

- network

healthcheck:

test: bash -c "(echo 'GET /soffid/anonymous/logo.svg HTTP/1.1' >&0; echo >&0; cat >&2;) <>  
/dev/tcp/localhost/8080"

interval: 10s

timeout: 20s

retries: 10

start\_period: 40s

volumes:

- console\_trust:/opt/soffid/iam-console-3/trustedcerts

- console\_conf:/opt/soffid/iam-console-3/conf

- console\_logs:/opt/soffid/iam-console-3/logs

- console\_index:/opt/soffid/iam-console-3/index

depends\_on:

mariadb:

condition: service\_healthy

sync-server:

image: soffid/iam-sync:3.6.10

hostname: sync-server

environment:

SOFFID\_PORT: 1760

SOFFID\_HOSTNAME: sync-server.netcompose

SOFFID\_MAIN: yes

DB\_URL: jdbc:mysql://mariadb/soffid01

DB\_USER: soffid

DB\_PASSWORD: XXXXX

networks:

- network

volumes:

- sync\_conf:/opt/soffid/iam-sync/conf

```
depends_on:
  mariadb:
    condition: service_healthy
  console:
    condition: service_healthy

networks:
  network:
    name: netcompose
    driver: bridge

volumes:
  mariadb_data:
    name: compose_mariadbdata
  console_trust:
    name: compose_console_trustedcerts
  console_conf:
    name: compose_console_conf
  console_logs:
    name: compose_console_logs
  console_index:
    name: compose_console_index
  sync_conf:
    name: compose_sync_conf
```

## Ubuntu commands

Bear in mind, that the name of the YAML file must be **docker-compose.yaml** And you must execute the docker compose action inside the folder where this file is located.

```
cd ../../../../soffid
```

Apply the YAML:

```
sudo docker compose up -d
```

```
pgarcia@soffid:~/Documentos/soffid$ docker compose up -d
[+] Running 6/6
✓ Network netcompose          Created      0.0s
✓ Volume "compose-mariadbdata" Created      0.0s
✓ Volume "compose_console_trustedcerts" Created      0.0s
✓ Container soffid-mariadb-1   Healthy      0.0s
✓ Container soffid-sync-server-1 Started      0.0s
✓ Container soffid-console-1   Started      0.0s
pgarcia@soffid:~/Documentos/soffid$
```

Check containers

```
sudo docker compose ps
```

View the console log

```
sudo docker compose logs -f console
```

View the Sync Server log

```
sudo docker compose logs -f sync-server
```

When the console is created, the password for the user *admin* will be *changeit* and it will be valid for 24 hours.

Now you can connect to Soffid Console <http://localhost:8080/soffid> The first thing you must do is to change the **admin** user password **changeit**.

# Upgrade

You can update the version in the yaml file

```
docker compose up -d
```