Installing Soffid

Prerequisites

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

Installation

docker-compose.yaml / compose.yaml

```
services:


  mariadb:
    image: mariadb:11.4
    environment:
      MYSQL_ROOT_PASSWORD: XXXX
      MYSQL_DATABASE: soffid
      MYSQL_USER: soffid
      MYSQL_PASSWORD: YYYY
    healthcheck:
      test: "/usr/bin/mariadb --user=root --password=XXXX --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
    ports:
      - "3306:3306"
    networks:
      - network
    volumes:
```

```
    - mariadb_data:/var/lib/mysql

  console:
    image: europe-docker.pkg.dev/soffid-docker-images/private/iam-console:4.0.58
    environment:
      DB_URL: jdbc:mariadb://mariadb/soffid
      DB_USER: soffid
      DB_PASSWORD: YYYY
      JAVA_OPT: -Xmx4096m
    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-4/trustedcerts
      - console_conf:/opt/soffid/iam-console-4/conf
      - console_index:/opt/soffid/iam-console-4/index
    depends_on:
      mariadb:
        condition: service_started

  syncserver:
    image: europe-docker.pkg.dev/soffid-docker-images/private/iam-sync:4.0.35
    hostname: syncserver
    environment:
      SOFFID_PORT: 1760
      SOFFID_HOSTNAME: syncserver.network
      SOFFID_MAIN: yes
      DB_URL: jdbc:mysql://mariadb/soffid
      DB_USER: soffid
      DB_PASSWORD: YYYY
    networks:
      - network
```

```
    volumes:
      - sync_conf:/opt/soffid/iam-sync/conf
    depends_on:
      mariadb:
        condition: service_started

networks:
  network:
    name: network
    driver: bridge

volumes:
  mariadb_data:
    name: soffid4_mariadbdata
  console_trust:
    name: soffid4_console_trustedcerts
  console_conf:
    name: soffid4_console_conf
  console_index:
    name: soffid4_console_index
  sync_conf:
    name: soffid4_sync_conf
```

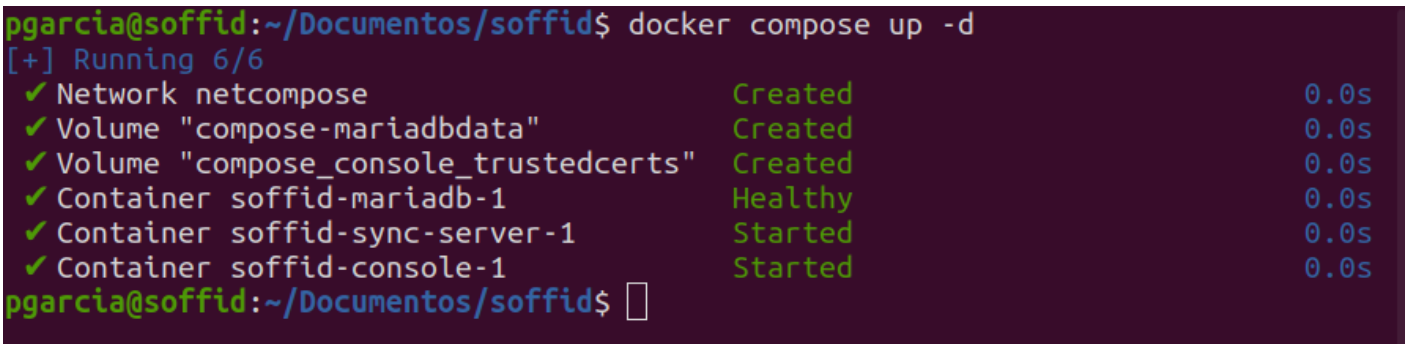
Ubuntu commands

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:

```
docker compose up -d
```



Check containers

```
docker compose ps
```

View the console log

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

View the Sync Server log

```
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
```

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