

# docker-compose

## portainer

docker-compose.yml

```
version: '2'

services:
  portainer:
    image: portainer/portainer
    restart: always
    container_name: "portainer-app"
#   command: --templates http://templates/templates.json
    ports:
      - "9000:9000"
    networks:
      - local
    volumes:
      - /var/run/docker.sock:/var/run/docker.sock
      - ./data:/data

networks:
  local:
    driver: bridge
```

## mysql

docker-compose.yml

```
version: '3.6'

services:
  db:
    image: mysql:5.7
    volumes:
      - db_data:/var/lib/mysql
    environment:
      MYSQL_ROOT_PASSWORD: ${MYSQL_ROOT_PASSWORD}
      MYSQL_DATABASE: ${MYSQL_DATABASE}
      MYSQL_USER: ${MYSQL_USER}
      MYSQL_PASSWORD: ${MYSQL_PASSWORD}
    networks:
      mi-network:
        ipv4_address: 172.22.0.10
    ports:
      - 3306:3306

volumes:
  db_data:
```

```
db_data:
  driver: local
  driver_opts:
    type: 'none'
    o: 'bind'
    device: '${MYSQL_STORAGE_PATH}'

networks:
  # docker network create --attachable --subnet 172.22.0.0/24 mi-network
  mi-network:
    external: true
```

## .env

```
# variables de entorno preceden a estas
# variables pasadas por línea de comando preceden a estas
# docker run -e <variable>=<valor>
# se pueden especificar otras variables en otros archivos
# docker run -env-file <fichero>

MYSQL_ROOT_PASSWORD=toor
MYSQL_DATABASE=xxxx
MYSQL_USER=xxxx
MYSQL_PASSWORD=xxxx
MYSQL_STORAGE_PATH=/home/mate/Docker/.storage/mysql/xxxx
```

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