

1. Ziele

- Wordpress mit secrets

- Die Dateien separat erzeugen

2. Aufgabe

Aufgabe 3.3-2 soll so angepasst werden, dass keine Passwörter mehr in der docker-compose.yml Datei erscheinen. Verwenden Sie dazu das Schlüsselwort secrets.

3. Vorgehen

- Hier die Lösung von Aufgabe 4.3-2:

```
version: "3.8"
```

```
services:
```

```
  wp_mariadb:
```

```
    image: mariadb:latest
```

```
    volumes:
```

```
      - wp_dbvolume:/var/lib/mysql
```

```
    environment:
```

```
      MYSQL_ROOT_PASSWORD: strenggeheim
```

```
      MYSQL_DATABASE: wp
```

```
      MYSQL_USER: wpuser
```

```
      MYSQL_PASSWORD: geheim
```

```
    networks:
```

```
      - wp_net
```

```
  wp_pma:
```

```
    image: phpmyadmin/phpmyadmin
```

```
    environment:
```

```
      PMA_HOST: wp_mariadb
```

```
    ports:
```

```
      - "8080:80"
```

```
    networks:
```

```
      - wp_net
```

```
  wp_wordpress:
```

```
    image: wordpress
```

```
    volumes:
```

```
      - wp_htmlvolume:/var/www/html/wp-content
```

```
    environment:
```

```
      WORDPRESS_DB_HOST: wp_mariadb
```

```
      WORDPRESS_DB_USER: wpuser
```

```
      WORDPRESS_DB_NAME: wp
```

```
      WORDPRESS_DB_PASSWORD: geheim
```

```
    ports:
```

```
      - "8081:80"
```

```
    networks:
```

```
      - wp_net
```

```
volumes:
```

```
  wp_dbvolume:
```

```
  wp_htmlvolume:
```

```
networks:
```

```
  wp_net:
```

```
    ipam:
```

```
      config:
```

```
        - subnet: 192.168.200.0/24
```

```
        gateway: 192.168.200.1
```

- Passen Sie diese Datei so an, dass die Passwörter hier nicht mehr auftauchen.

4. Hilfsmittel

<https://gbssg.gitlab.io/m347/>

Internet

5. Erwartete Resultate

Mit Screenshots dokumentiertes und kommentiertes Vorgehen (Word)

Zeit: 30 Minuten

```
version: "3.8"
```

```
services:
```

```
  wp_mariadb:
```

```
    image: mariadb
```

```
    volumes:
```

```
      - wp_dbvolume:/var/lib/mysql
```

```
    environment:
```

```
  MYSQL_ROOT_PASSWORD_FILE: /run/secrets/db_root_password
```

```
  MYSQL_DATABASE: wp
```

```
  MYSQL_USER: wpuser
```

```
  MYSQL_PASSWORD_FILE: /run/secrets/db_password
```

```
secrets:
```

```
  - db_root_password
```

```
  - db_password
```

```
networks:
```

```
  - wp_net
```

```
  wp_pma:
```

```
    image: phpmyadmin/phpmyadmin
```

```
    environment:
```

```
      PMA_HOST: wp_mariadb
```

```
    ports:
```

```
      - "8080:80"
```

```
    networks:
```

```
      - wp_net
```

```
  wp_wordpress:
```

```
    image: wordpress
```

```
    volumes:
```

```
      - wp_htmlvolume:/var/www/html/wp-content
```

```
    environment:
```

```
      WORDPRESS_DB_HOST: wp_mariadb
```

```
      WORDPRESS_DB_USER: wpuser
```

```
      WORDPRESS_DB_NAME: wp
```

```
      MYSQL_PASSWORD_FILE: /run/secrets/db_password
```

```
secrets:
```

```
  - db_password
```

```
ports:
```

```
  - "8081:80"
```

```
networks:
```

```
  - wp_net
```

```
volumes:
```

```
  wp_dbvolume:
```

```
  wp_htmlvolume:
```

```
networks:
```

```
  wp_net:
```

```
    ipam:
```

```
      config:
```

```
        - subnet: 192.168.200.0/24
```

```
        gateway: 192.168.200.1
```

```
secrets:
```

```
  db_password:
```

```
    file: db_password.txt
```

```
  db_root_password:
```