Elérési út az OVA-hoz \\win2022ad\irukozos\TL\BMSC

OVA-ból importálunk → apt update && apt upgrade

1. Importálás

1. Import → next → next
2. Settings szerkesztése

3. Linux config fájlok

1. nano /etc/hosts → ip/gépnév
2. nano /etc/hostname → gépnév
3. nano /etc/Network/interfaces →
   > iface enp0s3 inet *static*
   > address ip/network
   > gateway ip
   > dns-nameservers 8.8.8.8 (ip)
4. nano /etc/resolv.conf → nameserver 8.8.8.8 (ip)
5. reboot

4. https://docs.portainer.io/start/install-ce/server/docker/linux
   > Deployment első kettő parancs
   > teszt:
   > docker ps

5. **Port forwarding** 9443-ra → dst.port: 9443 to-ports:9443 / host port: 9443 guest port: 9443

Docker Template – Docker restart

1. **Sablon** → Httpd
   > Név → webserverkp
   > **advanced options**
   >> Port mapping → host port (8080)
   >> Volume mapping → **container** → Bind → **host** → /webserver →

   Writable
   > **Deploy**

7. **Port forwarding** 8080-ra → dst-port: 8080 to-ports:8080
8. **Sablon** → Filesystem
   > **File browser**
   >> Név → fileserverkp
   >> **Advanced option**
   >>> Port mapping → host port (8081)
   >>> Volume mapping
   >>>> /data → Auto
   >>>> /srv → BIND → "host"→ /webserver
   > **Deploy**

9. **Port forwarding** 8081-re → dst-port: 8081 to-ports:8081
10. index.html létrehozás → W3 school HTML + NÉV (utf-8)
    > File Browser → index.html behúzása

Compose Image in Docker

docker image ls → image listing

Stack → Add Stack

1. **MySQL server**
   Name → ""
   Web editor → bemásolni a cuccot

version: '3.1'

services:

  mysql:
    image: mysql:8.0.41-bookworm
    environment:
      MYSQL_ROOT_PASSWORD: Aa123456@
    ports:
      - '33060:3306'

—---

    Deploy
    Port-forwarding → 33060 → 33060
    Tesztelés
    HeidSQL
    PORTAINER → CONSOLE
        mysql -u root -p
            create database **teszt**;
            show databases
    Linux parancssor
        docker ps
            docker exec -it "id" /bin/bash

—---

Xamp stack

    Name → xampkp
    Web Editor →

version: '3.1'

services:

  mysql:
    image: mysql:8.0.41-bookworm
    environment:
      MYSQL_ROOT_PASSWORD: *Aa123456@*
    ports:
      - '33060:3306'

  phpmyadmin:

```
    image: phpmyadmin
    restart: always
    environment:
      - PMA_ARBITRARY=1
      - PMA_HOST=mysqlkp
```

Deploy
Teszt → localhost:8080
—--

PHP apache stack

—--

```
version: '3.1'

services:

  web:
    image: php:8.2.27-apache-bookworm
    environment:
      MYSQL_ROOT_PASSWORD: Aa123456@
    ports:
      - '8090:80'
    volumes:
      - /feladat:/var/www/html
    networks:
      - webnet

networks:
  webnet:
    driver: bridge
```
—--

PHP apache és adatbázis kapcsolata filebrowser STACK

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```
version: '3.1'

services:

  web:
    image: php:8.2.27-apache-bookworm
    command: >
     bash -c "apt -y update &&
     apt -y upgrade &&
     docker-php-ext-install mysqli pdo pdo_mysql &&
     docker-php-ext-enable mysqli
```

```yaml
      && apache2-foreground"
    environment:
      MYSQL_ROOT_PASSWORD: Aa123456@
    ports:
      - '8090:80'
    volumes:
      - /feladat:/var/www/html
    networks:
      - webnet


  mysql:
    image: mysql:8.0.41-bookworm
    environment:
      MYSQL_ROOT_PASSWORD: Aa123456@
    networks:
      - webnet


  phpmyadmin:
    image: phpmyadmin
    restart: always
    environment:
      - PMA_ARBITRARY=1
      - PMA_HOST=mysqlkp
    networks:
      - netweb



  filebrowser:
    image: hurlenko/filebrowser
    user: "${UID}:${GID}"
    ports:
      - '443:8080'
    volumes:
      - /feladat:/data
      - /CONFIG_DIR:/config
    environment:
      - FB_BASEURL=/filebrowser
    restart: always
    networks:
      - webnet

networks:
  webnet:
    driver: bridge
```

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WEBFILES compose-zal

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version: "3.1"

services:

  filebrowser:
    image: hurlenko/filebrowser
    user: "${UID}:${GID}"
    ports:
      - **'443:8080'**
    volumes:
      - /**feladat**:/data
      - /CONFIG_DIR:/config
    environment:
      - FB_BASEURL=/filebrowser
    restart: always
    networks:
      - **webnet**

networks:
  webnet:
    driver: bridge

—--

Stack-ből compose LINUX-szal

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Mappa létrehozása (mkdir **"feladatok"**)
       → azalatt még egy mappa (mkdir **"webkp"**)
       → belépés (cd)
       → nano docker-compose.yml fájl létrehozása
       → stack program bemásolása
       → Save/Exit
       → docker compose up -d
Mappa létrehozása máshol →
     volumes:
         -   **./web**:/var/www/html

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Microsoft Server Stackből

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<u>Tesztelés</u>

Heidi → Hálózat típusa → Microsoft SQL Szerver TCP/IP

Felhasználó → sa

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ILYEN FORMÁTUMBA LÉVŐ CUCCOK ÁLTALÁBAN ÁTÍRHATÓK