**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'

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**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

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**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**

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**PHP apache stack**

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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

&& 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

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**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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**Tesztelés**

Heidi → Hálózat típusa → Microsoft SQL Szerver TCP/IP

Felhasználó → sa

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***ILYEN FORMÁTUMBA LÉVŐ CUCCOK ÁLTALÁBAN ÁTÍRHATÓK***