

Задание 7

Установка Docker

Sudo apt update

#ранее уже подключал репозиторий докера, пропускаю этот шаг

Sudo apt install docker -y

Sudo apt install wmdocker -y #доп.зависимость

Sudo apt install docker.io -y

Sudo apt install docker-compose -y

Docker -v #проверка

Sudo docker ps -a

Sudo systemctl restart docker

Sudo usermod -aG vboxuser # (\$USER) не использовал

вывод членства в группах

tail /etc/group -n 1

docker:x:140:vboxuser

groups \$USER

vboxuser : vboxuser dev_team docker

Newgrp docker

docker run -d -p 80:80 docker/getting-started

Unable to find image 'docker/getting-started:latest' locally, скачивается контейнер

sudo systemctl stop nginx # порт 80 занят nginx

docker run -d -p 80:80 docker/getting-started

34b4c27105c2c65d70c7306da17e555d406682c7ced54fe7e2e0171b75d4ab75

#Подключение docker compose

sudo apt install docker-compose -y

mkdir wordpress && cd wordpress

mcedit docker-compose.yml

#файл настройки

version: '3.8'

services:

php:

build: ./php

container_name: tools-php

environment:

- MYSQL_HOST=mysql

- MYSQL_DATABASE=test

- MYSQL_USER=user1

- MYSQL_PASSWORD=superpass

restart: unless-stopped

working_dir: /var/www/

volumes:

- ./src:/var/www

depends_on:

- mysql

networks:

- tools -network

nginx:

image: nginx:stable-alpine

container_name: tools-nginx

restart: unless-stopped

ports:

- 80:80

volumes:

- ./src:/var/www
- ./nginx:/etc/nginx/conf.d

depends_on:

- php

networks:

- tools -network

mysql:

image: mysql:latest

container_name: tools-mysql

restart: unless-stopped

environment:

- MYSQL_ROOT_PASSWORD=1234

volumes:

- mysql_php:/mysql.sql

networks:

- tools-network

phpmyadmin:

image: phpmyadmin:latest

container_name: tools-phpmyadmin

restart: unless-stopped

environment:

- PMA_ARBITRARY=1

- UPLOAD_LIMIT=1024M
- MEMORY_LIMIT=1024M

ports:

- 8000:80

depends_on:

- mysql

networks:

- tools-network

volumes:

mysql_php:

networks:

tools -network:

driver: bridge

#Настройка бд

docker exec -it tools_php-mysql bash

mysql -u root -p

USE mysql;

CREATE USER 'user1'@'%' IDENTIFIED WITH mysql_native_password BY 'superpass';

GRANT ALL ON *.* TO 'user1'@'%';

CREATE DATABASE test;

USE test;

exit;

Запуск сборки и развёртывание образа

sudo docker-compose up -d --build

sudo ps -a