

Задание

- Установить в виртуальную машину или VDS Docker, настроить набор контейнеров через docker compose по [инструкции](#).
Часть с настройкой certbot и HTTPS опустить, если у вас нет настоящего домена и белого IP.

```
sudo su
```

```
apt install docker.io
```

```
/home/db# apt install docker-compose
```

```
mkdir wordpress && cd wordpress
```

```
mkdir nginx-conf
```

```
nano nginx-conf/nginx.conf
```

```
server {  
    listen 80;  
    listen [::]:80;  
  
    server_name example.com www.example.com;  
  
    index index.php index.html index.htm;  
  
    root /var/www/html;  
  
    location ~ /\.well-known/acme-challenge {  
        allow all;  
        root /var/www/html;  
    }  
  
    location / {  
        try_files $uri $uri/ /index.php$is_args$args;  
    }  
  
    location ~ \.php$ {  
        try_files $uri =404;  
        fastcgi_split_path_info ^(.+\.php)(/.+)$;  
        fastcgi_pass wordpress:9000;  
        fastcgi_index index.php;  
        include fastcgi_params;  
    }  
}
```

```

        fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
        fastcgi_param PATH_INFO $fastcgi_path_info;
    }

    location ~ /\.ht {
        deny all;
    }

    location = /favicon.ico {
        log_not_found off; access_log off;
    }

    location = /robots.txt {
        log_not_found off; access_log off; allow all;
    }

    location ~* \.(css|gif|ico|jpeg|jpg|js|png)$ {
        expires max;
        log_not_found off;
    }
}

```

nano .env

```

MYSQL_ROOT_PASSWORD=jh
MYSQL_USER=devil
MYSQL_PASSWORD=jhh

```

nano .dockerignore

```

.env
.git
docker-compose.yml
.dockerignore

```

nano docker-compose.yml

```

version: '3'

services:
  db:
    image: mysql:8.0
    container_name: db

```

restart: unless-stopped

env_file: .env

environment:

- MYSQL_DATABASE=wordpress

volumes:

- dbdata:/var/lib/mysql

command: '--default-authentication-plugin=mysql_native_password'

networks:

- app-network

wordpress:

depends_on:

- db

image: wordpress:5.1.1-fpm-alpine

container_name: wordpress

restart: unless-stopped

env_file: .env

environment:

- WORDPRESS_DB_HOST=db:3306
- WORDPRESS_DB_USER=\$MYSQL_USER
- WORDPRESS_DB_PASSWORD=\$MYSQL_PASSWORD
- WORDPRESS_DB_NAME=wordpress

volumes:

- wordpress:/var/www/html

networks:

- app-network

webserver:

depends_on:

- wordpress

image: nginx:1.15.12-alpine

container_name: webserver

restart: unless-stopped

ports:

- "8095:80"

volumes:

- wordpress:/var/www/html
- ./nginx-conf:/etc/nginx/conf.d
- certbot-etc:/etc/letsencrypt

networks:

- app-network

volumes:

certbot-etc:

wordpress:

dbdata:

networks:

app-network:

driver: bridge

`docker-compose up -d`

