Лабораторная работа №4

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Dockerfile

ubuntu - так как пакеты свежее, чем в дебиане, хоть и образ чуть чуть тяжелее.

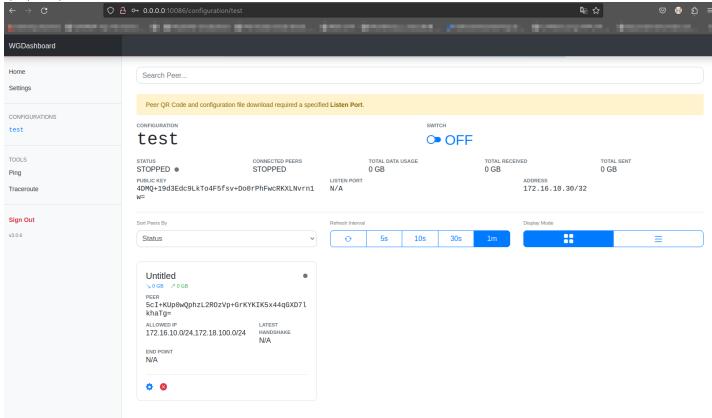
 ${\tt CMD}$ - так как при запуске можно будет выбрать между ${\tt debug}$ и ${\tt start}$

Конфиг вайргарда:

```
[Interface]
PrivateKey = gMQT3OdFbEHufawCRV4fzCL4nOiKGbSG201fkwgLaE8=
Address = 172.16.10.30/32
DNS = 8.8.8.8
MTU = 1400

[Peer]
PublicKey = 5cI+KUp0wQphzL2ROzVp+GrKYKIK5x44qGXD7lkhaTg=
AllowedIPs = 172.16.10.0/24,172.18.100.0/24
Endpoint = 85.143.113.117:6000
PersistentKeepalive = 21
BresharedKey = OilupIiaec+LhcLgc12BIyytBffg87YInuBaEkJyLNQ=%
```

Проверка, что работает:



docker-compose.yml

```
services:
  wg-dashboard:
     dockerfile: ./Dockerfile
     - 10086:10086
     - 51820:51820
   cap_add:
     - NET_ADMIN
   networks:
     - wg-networks
   volumes:
     - ./wireguard:/etc/wireguard
   restart: unless-stopped
   deploy:
     resources:
       limits:
        cpus: "1"
         memory: 512M
networks:
 wg-networks:
```

unless-stopped - так как другие опции(always, no, on-failure) не подходят с идеологической точки зрения. deploy - сервис очень легкий, поэтому ему не нужно много вычислительных мощностей.

Запуск с docker compose

```
### Authors and the compose up --build ### Dividing 1.2x (16/16) FYNISHED

[wg-dashboard internal] load build definition from Dockerfile
-> transferring dockerfile: 871B

[wg-dashboard internal] load dockerignore
-> transferring context: 28

[wg-dashboard internal] load metadata for docker.io/library/ubuntu:latest
[wg-dashboard internal] load metadata for docker.io/library/ubuntu:latest
[wg-dashboard 1/12] FROM docker.io/library/ubuntu:latest8sha256:6042500cf4b44023ea1894effe7890666b0c5c787led83a97c36c76ae560bb9b
-> resolve docker.io/library/ubuntu:latest8sha256:6042500cf4b44023ea1894effe7890666b0c5c787led83a97c36c76ae560bb9b
CACHED [wg-dashboard 2/12] RUN apt update 64 apt -y install sudo wireguard net-tools python3-pip git
CACHED [wg-dashboard 3/12] WORKDIR /service
CACHED [wg-dashboard 4/12] RUN suseradd user01

CACHED [wg-dashboard 4/12] RUN subser01 ALL-(ALL) NOPASSWD:ALL* | tee /etc/sudoers.d/user01

CACHED [wg-dashboard 6/12] RUN chown -ra user01:user01 /service
CACHED [wg-dashboard 3/12] RUN subc chown user01:user01 /service/wgdashboard

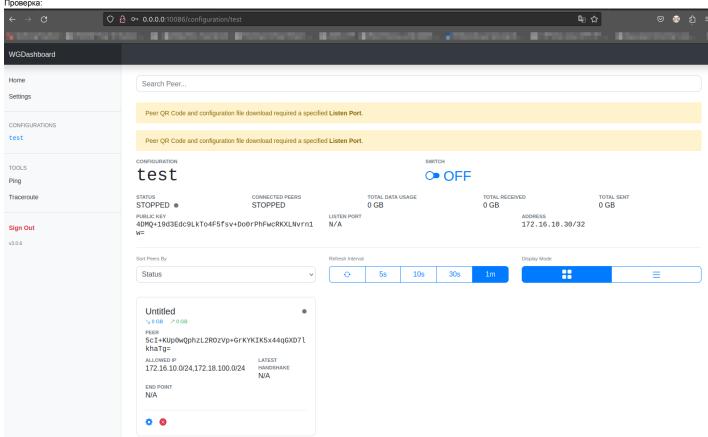
CACHED [wg-dashboard 9/12] WORKDIR /service/wgdashboard/src
CACHED [wg-dashboard 10/12] RUN subc chown user01:user01 /service/wgdashboard

CACHED [wg-dashboard 10/12] RUN subc chown user01:user01 /service/wgdashboard

CACHED [wg-dashboard 11/12] RUN subc chown user01:user01

CACHED [wg-d
```

Проверка:



Финальный vagrantfile: