Задание 1.

Docker-compose — это надстройка над докером, предназначена для решения задач, связанных с развертыванием проектов. Технология Docker Compose, если описывать её упрощённо, позволяет, с помощью одной команды, запускать множество сервисов, чем мы сейчас и займемся)

Задание 2.

version: "3"

services:

networks:

volkovsa-my-netology-hw:

driver: bridge

ipam:

config:

- subnet: 172.22.0.0/24

Задание 3.

netology-db:

image: postgres:latest

container\_name: volkovsa-netology-db

ports:

- 5432:5432

volumes:

- ./pg\_data:/var/lib/postgresql/data/pgdata

environment:

POSTGRES\_PASSWORD: 123

POSTGRES\_DB: volkovsa\_db

PGDATA: /var/lib/postgresql/data/pgdata

networks:

volkovsa-my-netology-hw:

ipv4\_address: 172.22.0.2

restart: always

Задание 4.

pgadmin:

image: dpage/pgadmin4

depends\_on:

- netology-db

container\_name: volkovsa-pgadmin

environment:

PGADMIN\_DEFAULT\_EMAIL: volkovsa@mymail.me

PGADMIN\_DEFAULT\_PASSWORD: 123

ports:

- "61231:80"

networks:

volkovsa-my-netology-hw:

ipv4\_address: 172.22.0.3

restart: always

Задание 5.

zabbix-server:

image: zabbix/zabbix-server-pgsql

links:

- netology-db

container\_name: volkovsa-zabbix-netology

environment:

DB\_SERVER\_HOST: '172.22.0.2'

POSTGRES\_USER: "postgres"

POSTGRES\_PASSWORD: "123"

ports:

- "10051:10051"

networks:

volkovsa-my-netology-hw:

ipv4\_address: 172.22.0.4

restart: always

Задание 6.

zabbix\_wgui:

image: zabbix/zabbix-web-apache-pgsql

links:

- netology-db

- zabbix-server

container\_name: volkovsa-netology-zabbix-frontend

environment:

DB\_SERVER\_HOST: '172.22.0.2'

POSTGRES\_USER: "postgres"

POSTGRES\_PASSWORD: "123"

ZBX\_SERVER\_HOST: "zabbix\_wgui"

PHP\_TZ: "Europe/Moscow"

ports:

- "80:8080"

- "443:8443"

networks:

volkovsa-my-netology-hw:

ipv4\_address: 172.22.0.5

restart: always

Задание 7.

version: "3"

services:

netology-db:

image: postgres:latest

container\_name: volkovsa-netology-db

ports:

- 5432:5432

volumes:

- ./pg\_data:/var/lib/postgresql/data/pgdata

environment:

POSTGRES\_PASSWORD: 123

POSTGRES\_DB: volkovsa\_db

PGDATA: /var/lib/postgresql/data/pgdata

networks:

volkovsa-my-netology-hw:

ipv4\_address: 172.22.0.2

restart: always

pgadmin:

image: dpage/pgadmin4

depends\_on:

- netology-db

container\_name: volkovsa-pgadmin

environment:

PGADMIN\_DEFAULT\_EMAIL: volkovsa@mymail.me

PGADMIN\_DEFAULT\_PASSWORD: 123

ports:

- "61231:80"

networks:

volkovsa-my-netology-hw:

ipv4\_address: 172.22.0.3

restart: always

zabbix-server:

image: zabbix/zabbix-server-pgsql

links:

- netology-db

container\_name: volkovsa-zabbix-netology

environment:

DB\_SERVER\_HOST: '172.22.0.2'

POSTGRES\_USER: "postgres"

POSTGRES\_PASSWORD: "123"

ports:

- "10051:10051"

networks:

volkovsa-my-netology-hw:

ipv4\_address: 172.22.0.4

restart: always

zabbix\_wgui:

image: zabbix/zabbix-web-apache-pgsql

links:

- netology-db

- zabbix-server

container\_name: volkovsa-netology-zabbix-frontend

environment:

DB\_SERVER\_HOST: '172.22.0.2'

POSTGRES\_USER: "postgres"

POSTGRES\_PASSWORD: "123"

ZBX\_SERVER\_HOST: "zabbix\_wgui"

PHP\_TZ: "Europe/Moscow"

ports:

- "80:8080"

- "443:8443"

networks:

volkovsa-my-netology-hw:

ipv4\_address: 172.22.0.5

restart: always

networks:

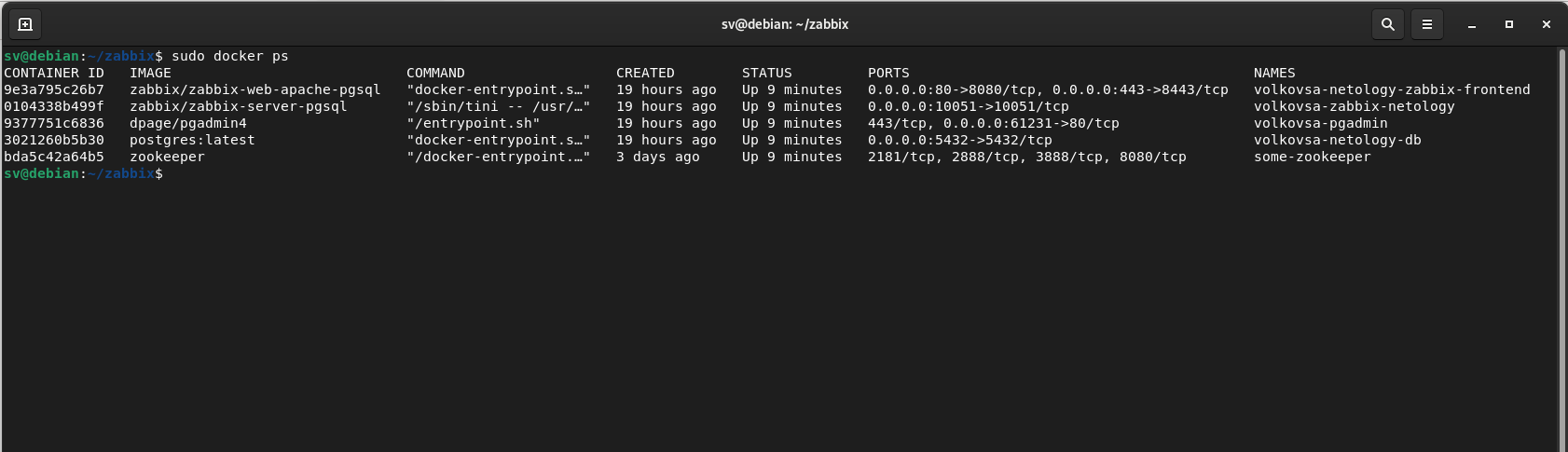
volkovsa-my-netology-hw:

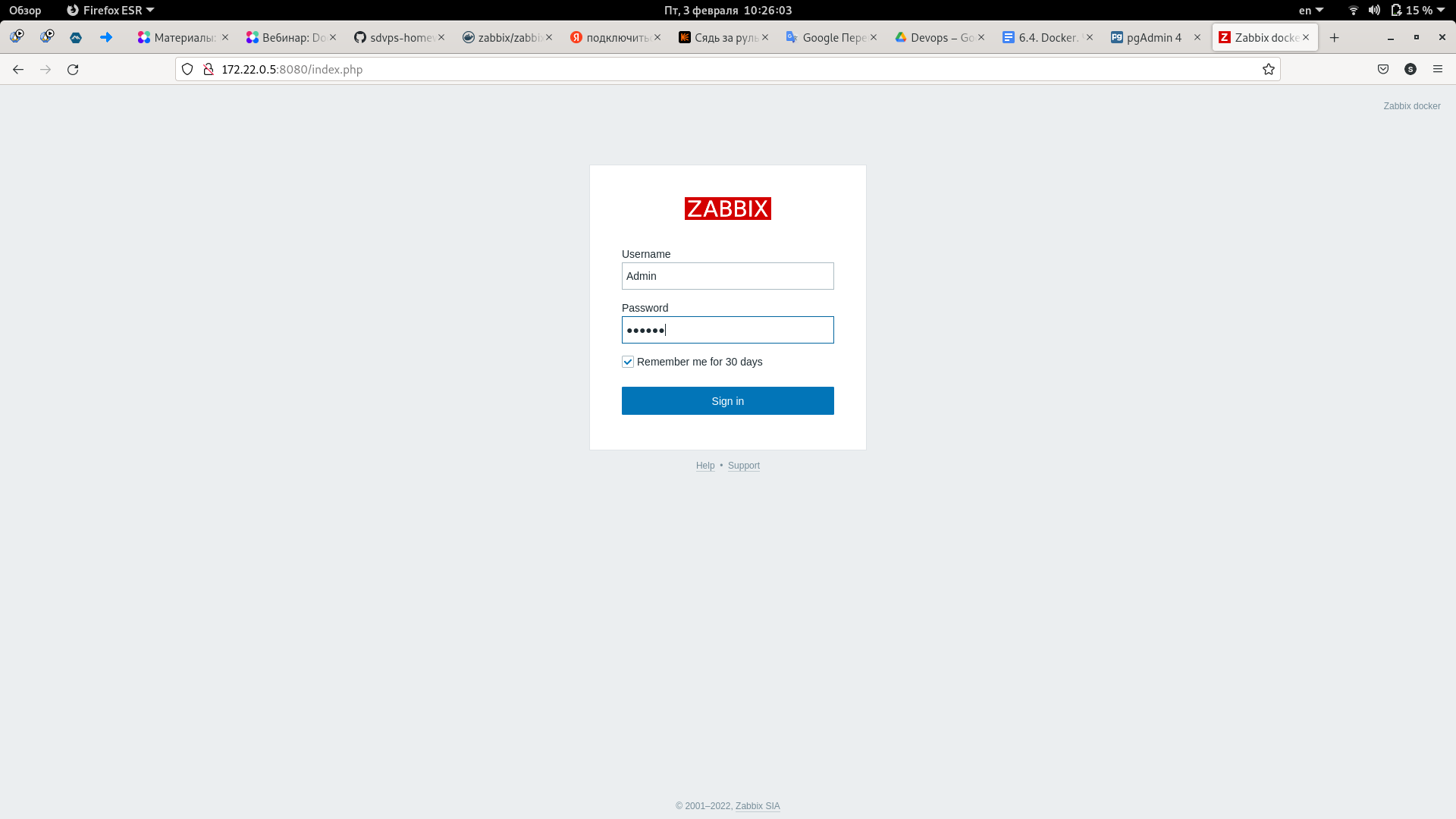
driver: bridge

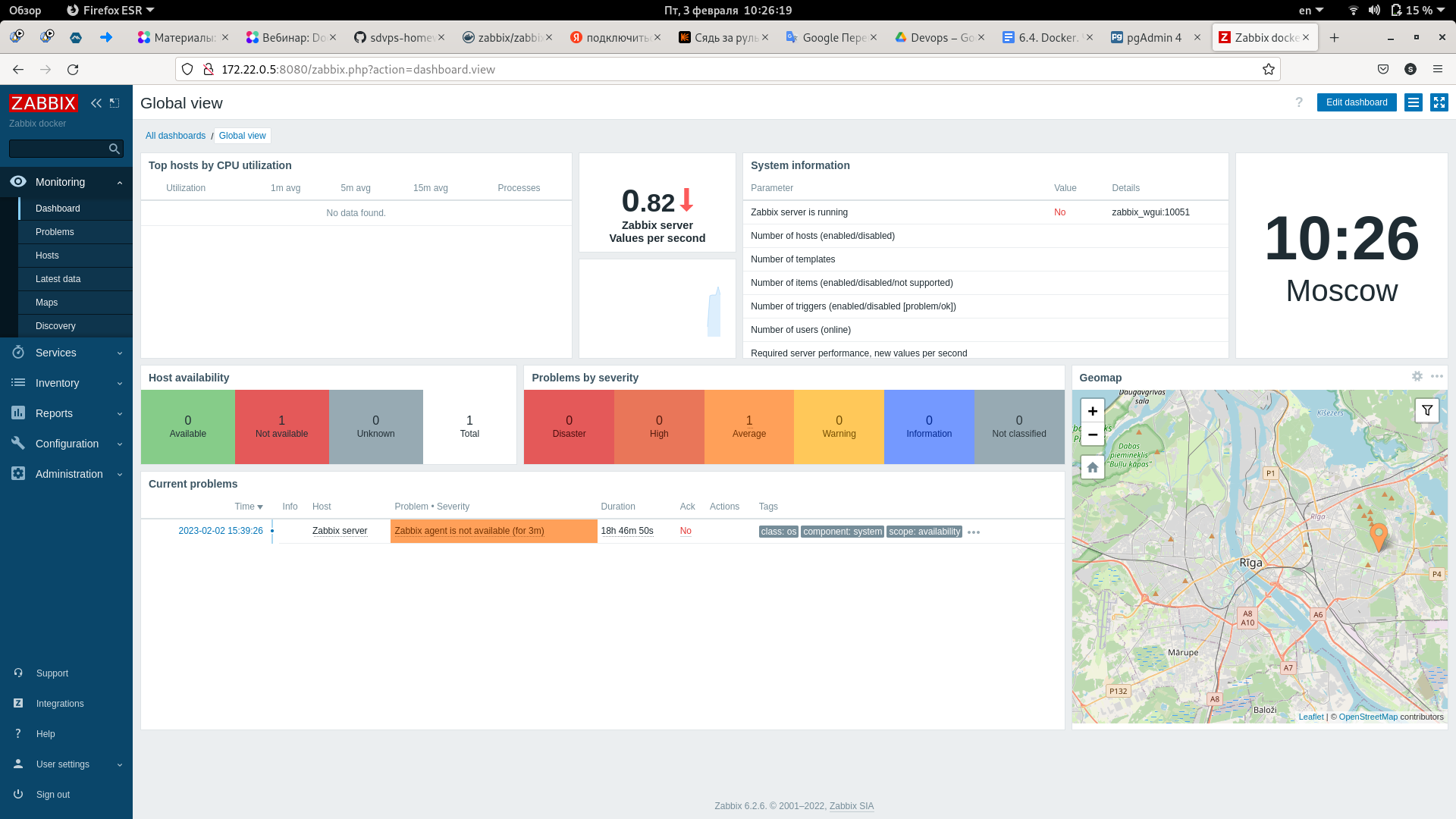
ipam:

config:

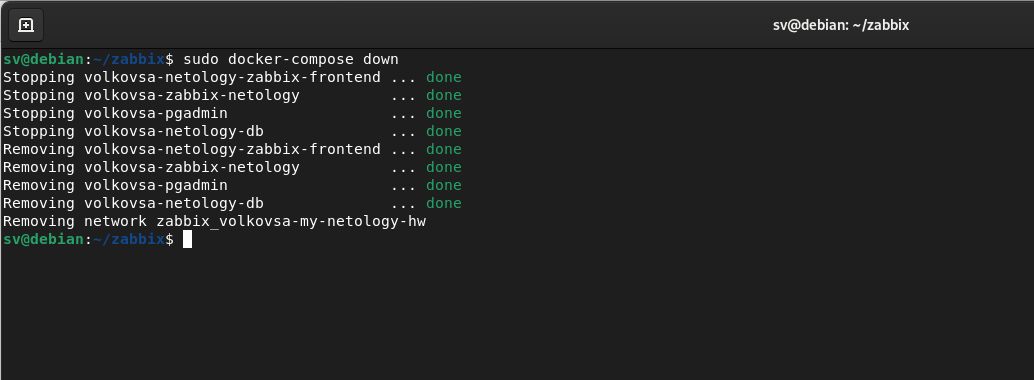
- subnet: 172.22.0.0/24







Задание 8.



Задание 9\*.