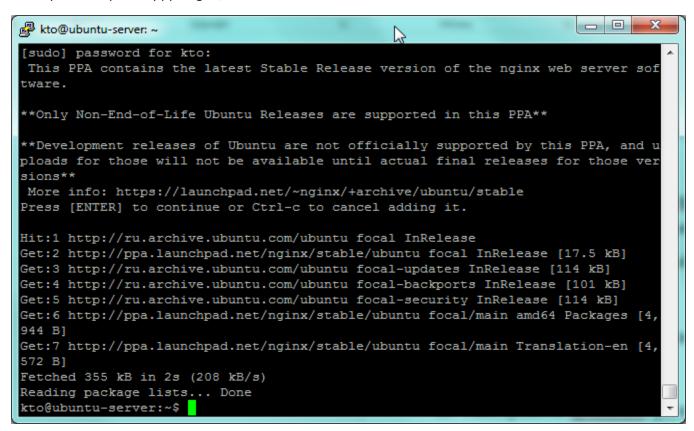
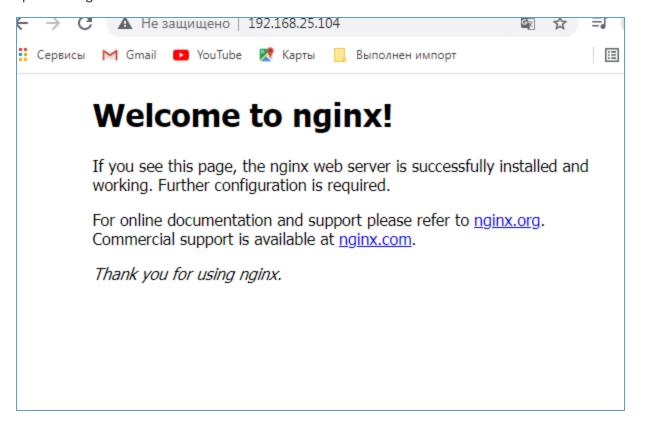
Домашнее задание Урок 7

1. Подключить репозиторий с nginx любым удобным способом, установить nginx и потом удалить nginx, используя утилиту dpkg.

sudo apt-add-repository ppa:nginx/stable



apt install nginx

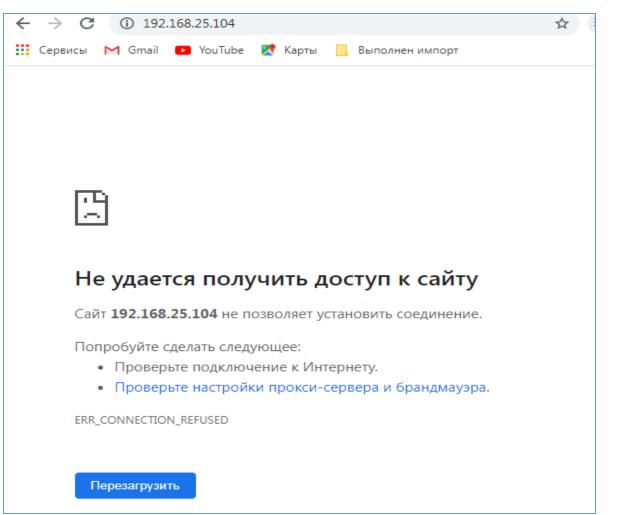


dpkg -- list | grep nginx

sudo dpkg -P libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libnginx-mod-stream-geoip nginx nginx-common nginx-core

dpkg -- list | grep nginx

```
kto@ubuntu-server: ~
Removing libnginx-mod-http-image-filter (1.18.0-3ubuntu1+focal2) ...
Purging configuration files for libnginx-mod-http-image-filter (1.18.0-3ubuntu1+
focal2) ...
Removing libnginx-mod-http-xslt-filter (1.18.0-3ubuntu1+focal2) ...
Purging configuration files for libnginx-mod-http-xslt-filter (1.18.0-3ubuntu1+f
oca12) ...
Removing libnginx-mod-mail (1.18.0-3ubuntu1+focal2) ...
Purging configuration files for libnginx-mod-mail (1.18.0-3ubuntu1+focal2) ...
Removing libnginx-mod-stream-geoip (1.18.0-3ubuntu1+focal2) ...
Purging configuration files for libnginx-mod-stream-geoip (1.18.0-3ubuntu1+focal
2) ...
Removing libnginx-mod-stream (1.18.0-3ubuntu1+focal2) ...
Purging configuration files for libnginx-mod-stream (1.18.0-3ubuntu1+focal2) ...
Removing nginx-core (1.18.0-3ubuntu1+focal2) ...
Removing nginx-common (1.18.0-3ubuntu1+focal2) ...
Purging configuration files for nginx-common (1.18.0-3ubuntu1+focal2) ...
dpkg: warning: while removing nginx-common, directory '/var/www/html' not empty
so not removed
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for systemd (245.4-4ubuntu3.13) ...
Processing triggers for ufw (0.36-6) ...
kto@ubuntu-server:~$ dpkg --list | grep nginx
kto@ubuntu-server:~$
```

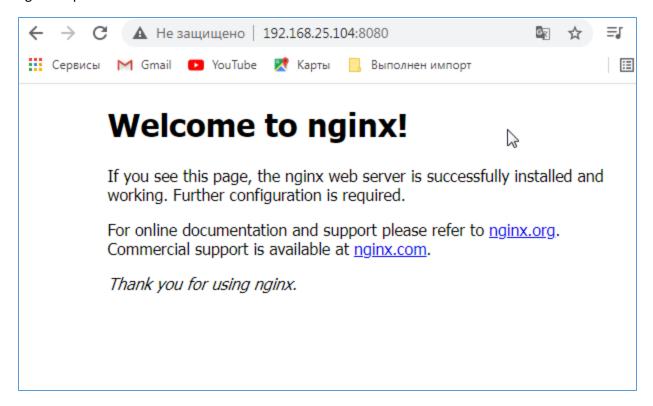


2. Установить пакет на свой выбор, используя snap.

snap search nginx

snap install nginxrtmp-minsikl

nginxrtmp-minsikl.start



3. Настроить iptables: разрешить подключения только на 22-й и 80-й порты

Sudo su -

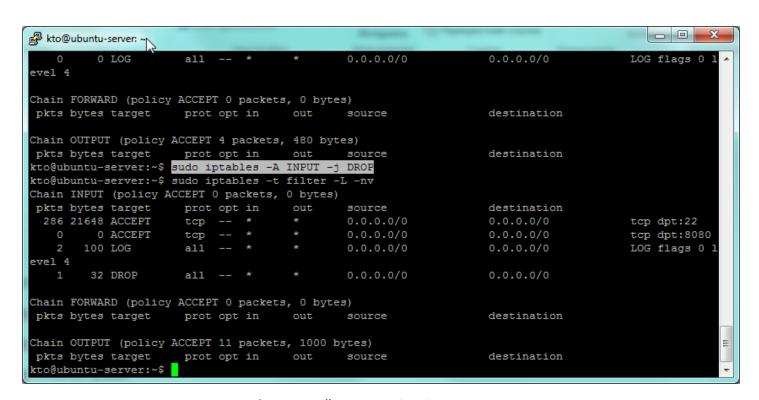
iptables - A INPUT - ptcp -- dport 22 - j ACCEPT

iptables - A INPUT - ptcp --dport 8080 - j ACCEPT

iptables - A INPUT - j LOG

iptables - A INPUT - j DROP

iptables-tfilter-L-nv



Так же при этом стоит разрешить трафик сетевой карты, DNS и ICMP:

iptables - IINPUT -s 127.0.0.1 - j ACCEPT

iptables - IINPUT - d 127.0.0.1 - j ACCEPT

iptables - I INPUT - p tcp -- dport 53 - j ACCEPT

iptables - I INPUT - p udp -- dport 53 - j ACCEPT

iptables - I INPUT - p tcp -- sport 53 - j ACCEPT

iptables - I INPUT - p udp -- sport 53 - j ACCEPT

iptables - IINPUT - picmp - j ACCEPT

4. Настроить проброс портов локально с порта 80 на порт 8080.

В таблицу nat в цепочку PREROUTING добавить редирект.

Sudo iptables -t nat -A PREROUTING -p tcp -m tcp --dport 80 -j REDIRECT --to-port 808

Sudo iptables -t nat -L

