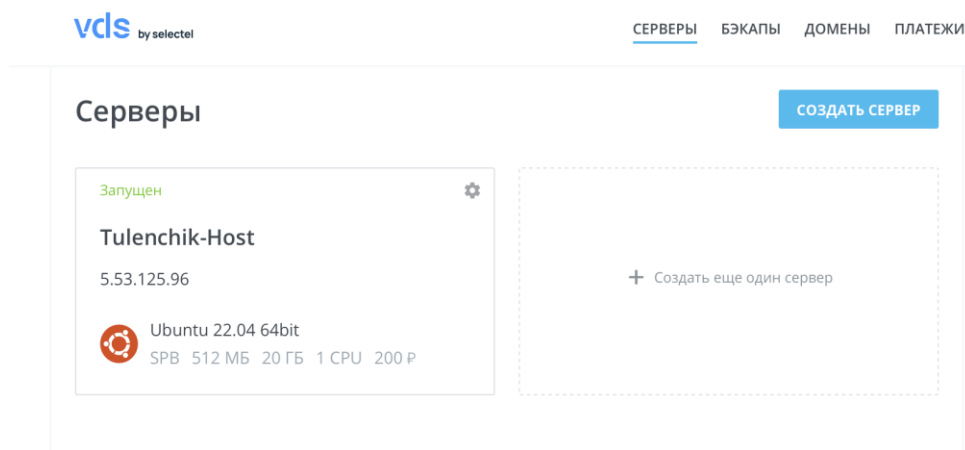


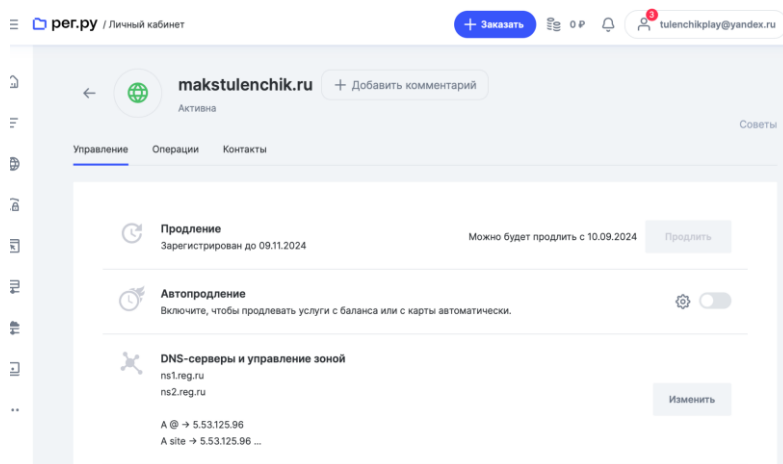
# Практическая работа по получению SSL-сертификата

Ссылка на сайт: [makstulenchik](https://makstulenchik.ru)

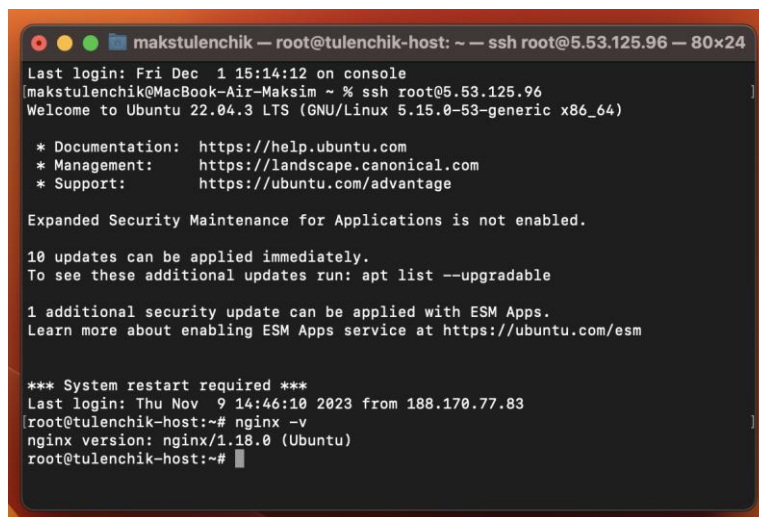
Мой сервер на VDS (ip: 5.53.125.96):



Связь домена (на reg.ru) и сервера:



Установленный NGINX:



## Запуск Certbot:

```
makstulenchik — root@tulenchik-host: ~ — ssh root@5.53.125.96 — 80x24
Expanded Security Maintenance for Applications is not enabled.

10 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

1 additional security update can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

*** System restart required ***
Last login: Fri Dec 1 12:29:47 2023 from 92.100.100.135
root@tulenchik-host:~# nginx -v
nginx version: nginx/1.18.0 (Ubuntu)
root@tulenchik-host:~# sudo certbot --nginx
Saving debug log to /var/log/letsencrypt/letsencrypt.log

Which names would you like to activate HTTPS for?
We recommend selecting either all domains, or all domains in a VirtualHost/serve
r block.
-----
1: makstulenchik.ru
-----
Select the appropriate numbers separated by commas and/or spaces, or leave input
blank to select all options shown (Enter 'c' to cancel):
```

Я выбрал свой домен, а затем выбрал 2 вариант (обновить сертификат, т.к. он ранее был получен)

```
makstulenchik — root@tulenchik-host: ~ — ssh root@5.53.125.96 — 80x24
root@tulenchik-host:~# sudo certbot --nginx
Saving debug log to /var/log/letsencrypt/letsencrypt.log

Which names would you like to activate HTTPS for?
We recommend selecting either all domains, or all domains in a VirtualHost/serve
r block.
-----
1: makstulenchik.ru
-----
Select the appropriate numbers separated by commas and/or spaces, or leave input
blank to select all options shown (Enter 'c' to cancel): 1
Certificate not yet due for renewal

You have an existing certificate that has exactly the same domains or certificat
e name you requested and isn't close to expiry.
(ref: /etc/letsencrypt/renewal/makstulenchik.ru.conf)

What would you like to do?
-----
1: Attempt to reinstall this existing certificate
2: Renew & replace the certificate (may be subject to CA rate limits)
-----
Select the appropriate number [1-2] then [enter] (press 'c' to cancel): 2
Renewing an existing certificate for makstulenchik.ru
```

Сертификат был успешно получен и обновлен для домена.

```
makstulenchik — root@tulenchik-host: ~ — ssh root@5.53.125.96 — 80x24
-----
Select the appropriate number [1-2] then [enter] (press 'c' to cancel): 2
Renewing an existing certificate for makstulenchik.ru

Successfully received certificate.
Certificate is saved at: /etc/letsencrypt/live/makstulenchik.ru/fullchain.pem
Key is saved at: /etc/letsencrypt/live/makstulenchik.ru/privkey.pem
This certificate expires on 2024-02-29.
These files will be updated when the certificate renews.
Certbot has set up a scheduled task to automatically renew this certificate in t
he background.

Deploying certificate
Successfully deployed certificate for makstulenchik.ru to /etc/nginx/sites-enabl
ed/default
Your existing certificate has been successfully renewed, and the new certificate
has been installed.

-----
If you like Certbot, please consider supporting our work by:
* Donating to ISRG / Let's Encrypt: https://letsencrypt.org/donate
* Donating to EFF: https://eff.org/donate-le
-----
root@tulenchik-host:~#
```

Из консольного вывода видно, что он истечет 2024-02-29, информация о сертификате с моего сайта:

