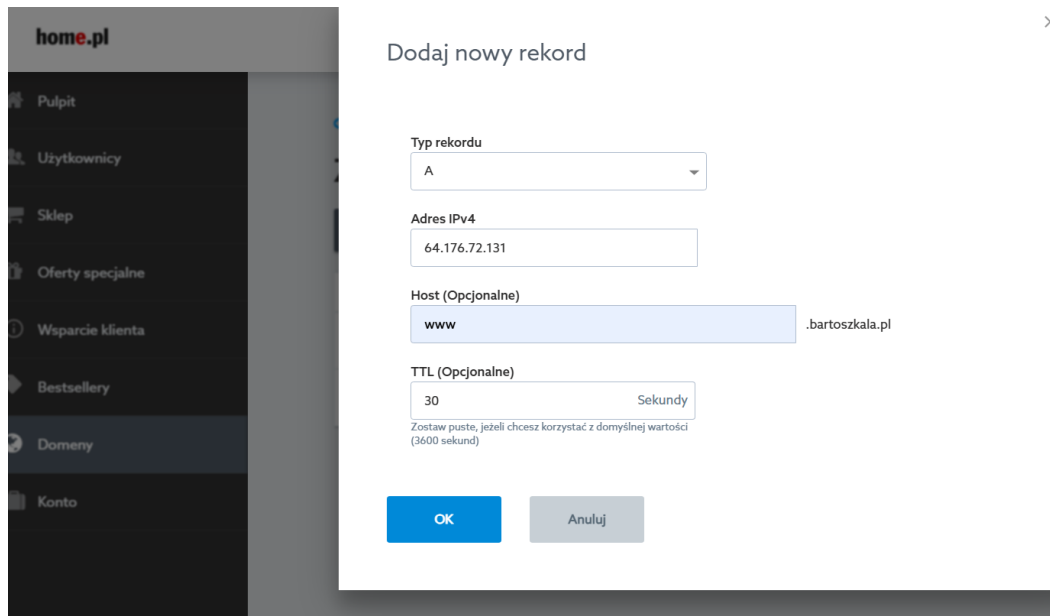


U operatora, u którego mamy domenę podmieniamy aktualny adres na ten który przekierowywuje na adres naszej maszyny:



home.pl

Pulpit

Użytkownicy

Sklep

Oferty specjalne

Wsparcie klienta

Bestsellery

Domeny

Konto

Dodaj nowy rekord

Typ rekordu
A

Adres IPv4
64.176.72.131

Host (Opcjonalne)
www .bartoszkala.pl

TTL (Opcjonalne)
30 Sekundy

Zostaw puste, jeżeli chcesz korzystać z domyślnej wartości (3600 sekund)

OK Anuluj

```
C:\Users\lenovo>nslookup bartoszkala.pl 8.8.8.8
Server: dns.google
Address: 8.8.8.8

Non-authoritative answer:
Name: bartoszkala.pl
Address: 64.176.72.131

C:\Users\lenovo>
```

DNS CHECK

bartoszkala.pl A Search


CD Flag Refresh: 20 sec.

San Francisco CA, United States	64.176.72.131	✓
Mountain View CA, United States	64.176.72.131	✓
Berkeley, US	64.176.72.131	✓
Kansas City, United States	-	✗
United States	-	✗
Ashburn, United States	64.176.72.131	✓
San Francisco, US	64.176.72.131	✓
Burnaby, Canada	-	✗
Yekaterinburg, Russian Federation	-	✗

CHECK DNS PROPAGATION

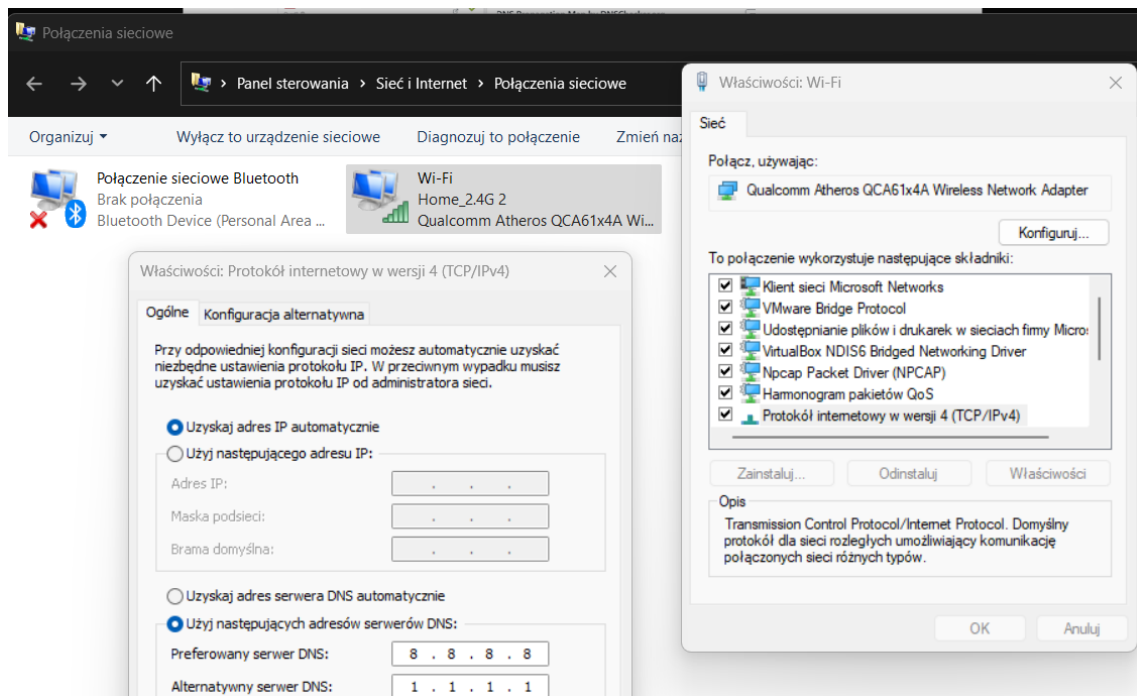
Whether you have recently changed your DNS records, switched web host, or started a new website - checking whether the DNS records are propagated globally is essential. DNS Checker provides a free DNS propagation check service to check Domain Name System records against a selected list of DNS servers in multiple region worldwide. Perform a quick DNS propagation lookup for any hostname or domain, and check DNS data collected from all available DNS Servers to confirm that the DNS records are fully propagated.

DNS Propagation Map by DNSChecker.org



```
root@vultr:~# chmod 700 skrypt
root@vultr:~# ./skrypt
Hit:1 https://apprepo.vultr.com/debian universal InRelease
Hit:2 https://deb.debian.org/debian bullseye InRelease
Hit:3 https://deb.debian.org/debian-security bullseye-security InRelease
Hit:4 https://deb.debian.org/debian bullseye-updates InRelease
Hit:5 https://deb.mirror.constant.com bullseye InRelease
Reading package lists... 99%
```

(nasz domyślny serwer DNS może nie rozwiązywać jeszcze nazwy więc zmieniamy)



Zad 1

apt update

apt install docker.io -y

apt install docker-compose

mkdir -p ~/vaultwarden

mkdir -p ~/nginx-proxy-manager

Tworzymy pliki:

```
/root/nginx-proxy-manager/docker-compose.yml [----]
version: "3"
services:
  app:
    image: jc21/nginx-proxy-manager:latest
    restart: always
    ports:
      - "80:80"      # HTTP
      - "81:81"      # Panel admina NPM
      - "443:443"    # HTTPS
    volumes:
      - './config.json:/app/config/production.json'
      - './data:/data'
      - './letsencrypt:/etc/letsencrypt'
    depends_on:
      - db

  db:
    image: jc21/mariadb-aria:latest
    restart: always
    environment:
      MYSQL_ROOT_PASSWORD: "Zaq12wsx"
      MYSQL_DATABASE: "npm"
      MYSQL_USER: "npm"
      MYSQL_PASSWORD: "Zaq12wsx"
    volumes:
      - './data/mysql:/var/lib/mysql'
```

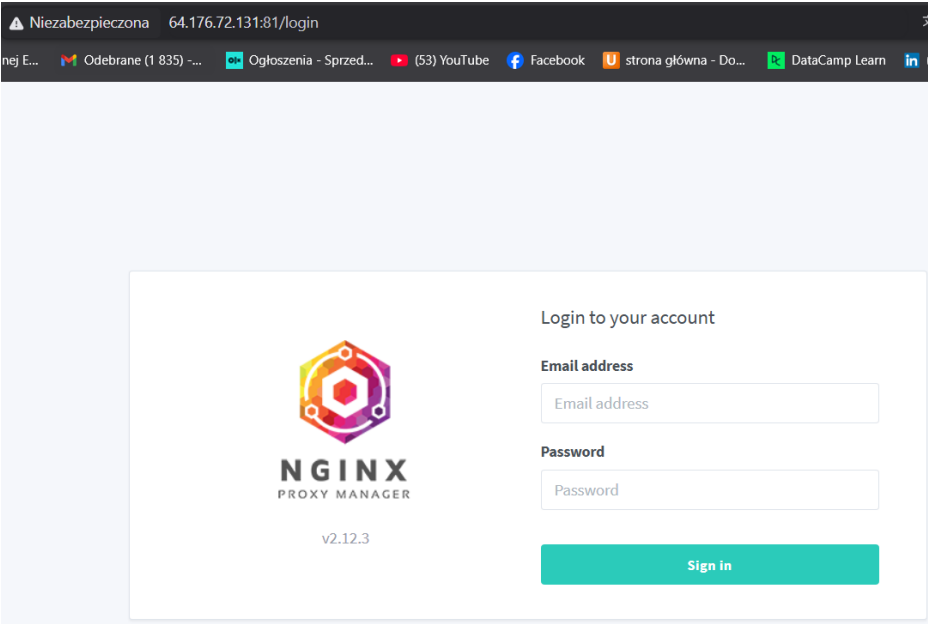
```
/root/vaultwarden/docker-compose.yml [----] 18 L:[ 1+16 17/ 18] *(393 / 394b) 00:
version: "3"
services:
  vaultwarden:
    image: vaultwarden/server:latest
    environment:
      WEBSOCKET_ENABLED: "true" # opcjonalnie, do powiadomień w czasie rzeczywistym
    volumes:
      - ./vw-data:/data
    ports:
      - "8080:80" # lokalny port na VPS, będzie proxy
    networks:
      - nginx-proxy-manager_default
networks:
  nginx-proxy-manager_default:
    external: true
```

← Sieć, w której jest już nginx

Wydajemy polecenia:

```
root@vultr:~# cd ~/vaultwarden
root@vultr:~/vaultwarden# docker-compose up -d
Creating network "vaultwarden_default" with the default driver
Pulling vaultwarden (vaultwarden/server:latest)...
latest: Pulling from vaultwarden/server
c29f5b76f736: Pulling fs layer
00b74c3a8e0f: Pulling fs layer
root@vultr:~/vaultwarden# cd ~/nginx-proxy-manager
root@vultr:~/nginx-proxy-manager# docker-compose up -d
Creating network "nginx-proxy-manager_default" with the default driver
Pulling app (jc21/nginx-proxy-manager:latest)...
latest: Pulling from jc21/nginx-proxy-manager
7cf63256a31a: Download complete
] 17.76MB/28.22MBad complete
```

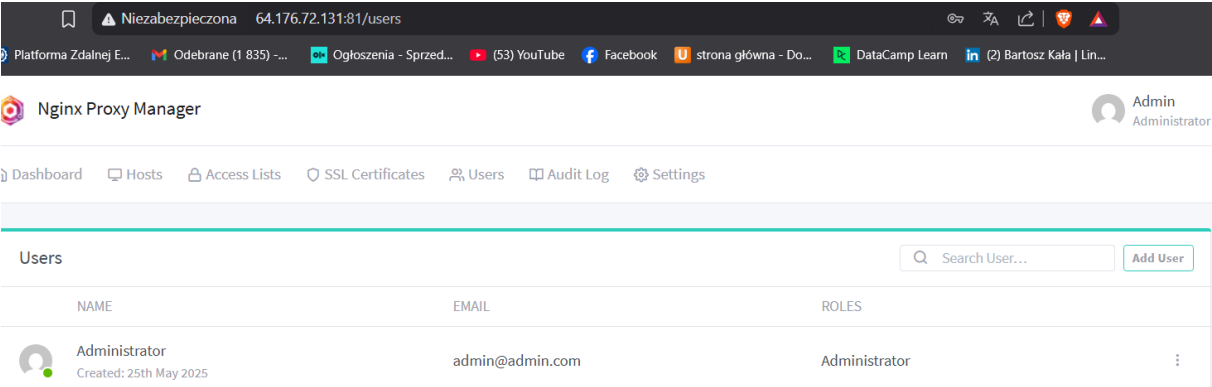
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
8a3166acee49	jc21/nginx-proxy-manager:latest	"/init"	3 minutes ago	Up 9 seconds	0.0.0.0:80-81->80-81/tcp, 0.0.0.0:443->443/tcp
3/tcp	nginx-proxy-manager_app_1				
0deee7cd1a1a5	mysql:5.7	"docker-entrypoint.s..."	3 minutes ago	Up 3 minutes	3306/tcp, 33060/tcp
06aa7a6826a2	nginx-proxy-manager_db_1				
vaultwarden_vaultwarden_1	vaultwarden/server:latest	"/start.sh"	5 minutes ago	Up 5 minutes (healthy)	0.0.0.0:8080->80/tcp



L: admin@example.com

H: changeme

(zmieniamy dane logowania)



Dodajemy nowy rekord (u rejestratora):

Dodaj nowy rekord

Typ rekordu
A

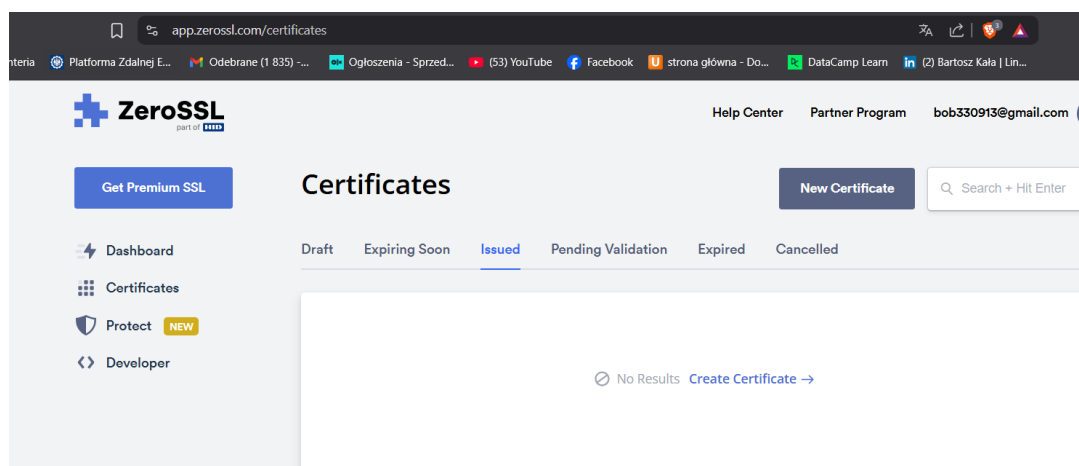
Adres IPv4
64.176.72.131

Host (Opcjonalne)
bitwarden .bartoszkala.pl

TTL (Opcjonalne)
30 Sekundy
Zostaw puste, jeżeli chcesz korzystać z domyślnej wartości (3600 sekund)

OK Anuluj

Tworzymy konto na ZeroSSL i przechodzimy do zakładki:



✓ Domains

☐ I need a wildcard certificate PRO

Please enter at least one domain to secure. For single-domain certificates the WWW-version of your domain will always be included at no extra charge.

Enter Domains

bitwarden.bartoszkala.pl ✓ bitwarden.bartoszkala.pl

+ Add Domain PRO

Next Step →

✓ **Validity**

You can now choose between generating 90-day or one-year certificate validity. To keep manual work at a minimum, we recommend 1-year certificates.

☒ **90-Day Certificate**

☐ **1-Year Certificate** PRO

Next Step →





✓ **CSR & Contact**

▼ **Finalize Your Order**

Based on your selection of a **90-Day SSL Certificate** you are fine staying on the **Free Plan**. To create and validate your SSL Certificate, please click "Next Step" below.

☐ **Pay Yearly** Save with yearly

☐ **Enable Protection** Disabled

 Free \$0 per month <div>Selected</div> ZeroSSL Certificates 3 90-Day Certificates ✗ 1-Year Certificates ✗ 1-Year Wildcards Features ✗ Multi-Domain Certs ✗ Wildcard Certs ✓ ACME Certificates ✗ REST API Access ✗ Technical Support	 Basic \$12.50 per month <small>or \$10 if billed yearly</small> <div>Select</div> ZeroSSL Certificates ∞ 90-Day Certificates 3 1-Year Certificates ✗ 1-Year Wildcards Features ✓ Multi-Domain Certs ✗ Wildcard Certs ✓ ACME Certificates ✓ REST API Access ✓ Technical Support	 Premium \$62.50 per month <small>or \$50 if billed yearly</small> <div>Select</div> ZeroSSL Certificates ∞ 90-Day Certificates 10 1-Year Certificates 1 1-Year Wildcards Features ✓ Multi-Domain Certs ✓ Wildcard Certs ✓ ACME Certificates ✓ REST API Access ✓ Technical Support	 Business \$125 per month <small>or \$100 if billed yearly</small> <div>Select</div> ZeroSSL Certificates ∞ 90-Day Certificates 25 1-Year Certificates 3 1-Year Wildcards Features ✓ Multi-Domain Certs ✓ Wildcard Certs ✓ ACME Certificates ✓ REST API Access ✓ Technical Support
---	---	--	---

Need more? [Click here to request a custom offer.](#)

Next Step →

Verification Method for bitworden.bartoszka.pl

We need you to verify ownership of each domain in your certificate.
Please select your preferred verification method and click "Next Step".

Email Verification

DNS (CNAME)

Follow the steps below

To verify your domain using a **CNAME record**, please follow the steps below:

1 Sign in to your DNS provider, typically the registrar of your domain.

2 Navigate to the section where DNS records are managed.

3 Add the following CNAME record:

Name

_C6C20E29CC47353F488BC3C3813A8D18.bitworden.bartoszka.pl

COPY

Point To

261631DAFD95ADE7A64F2A42FC74851D.28B503C5050137B8B28485975FA44931.aca43198767f8d1.comodoca.com

COPY

TTL

3600 (or lower)

4 Save your CNAME record and click "Next Step" to continue.

File Upload

Next Step →

Tworzymy rekord zgodny z instrukcją:

Dodaj nowy rekord

Typ rekordu

CNAME

Nazwa kanoniczna

261631DAFD95ADE7A64F2A42FC74851D.28B

Host

_C6C20E29CC47353F488BC3C3813A8D18.bitworden

.bartoszka.pl

TTL (Opcjonalne)

30

Sekundy

Zostaw puste, jeżeli chcesz korzystać z domyślnej wartości
(3600 sekund)

OK

Anuluj

✓ Verification Method for bitworden.bartoszka.pl

Finalize

DOMAIN	VERIFICATION METHOD	VERIFICATION STATUS
bitworden.bartoszka.pl	DNS (CNAME)	🕒 To start, click "Verify Domains"

Verify Domain

Cancel Process & Restart

Install Certificate

Finish Later

bitworden.bartoszka.pl

We've prepared installation instructions for all major server types.
To download and install your certificate, please follow the steps below:

✓ Download Certificate

Install Certificate

Your certificate is now ready for download below as a ZIP archive.
To install the certificate on your web server, simply follow the steps below.

Download Certificate (.zip)

Niebezpieczona 64.176.72.131:81/nginx/certificates

Platforma Zdalnej E... Odebrane (1 835) -... Ogłoszenia - Sprzed... (53) YouTube Facebook strona główna - Do... DataCamp Learn (2) Bartosz Kała | Lin...

Nginx Proxy Manager

Admin Administrator

Dashboard Hosts Access Lists SSL Certificates Users Audit Log Settings

SSL Certificates

🔍 Search Certificate... ⌵

Add SSL Certificate

Let's Encrypt Custom

There are no SSL Certificates

Why don't you create one?

Add SSL Certificate

Add Custom Certificate

×

⚠ Key files protected with a passphrase are not supported.

Name *

Zero_SSL

Certificate Key *

private.key

Browse

Certificate *

certificate.crt

Browse

Intermediate Certificate

ca_bundle.crt

Browse

Cancel

Save

Dodajmy pliki pobrane z ZeroSSL

Dodajemy Host na NGINX:

Edit Proxy Host

×

⚡ Details

📁 Custom locations

🛡 SSL

⚙ Advanced

Domain Names *

bitworden.bartoszkala.pl

Scheme *

http

Forward Hostname / IP *

vaultwarden_vaultwarde

Forward Port *

80

☐ Cache Assets

☐ Block Common Exploits

☐ Websockets Support

Access List

Publicly Accessible

Cancel

Save

Nazwa kontenera

Edit Proxy Host

×

⚡ Details

📁 Custom locations

🛡 SSL

⚙ Advanced

SSL Certificate

Zero_SSL

☒ Force SSL

☒ HTTP/2 Support

☒ HSTS Enabled ?

☒ HSTS Subdomains

Cancel

Save

Sprawdzamy działanie:

Utwórz konto | Vaultwarden Web

+

https://bitworden.bartoszkala.pl/#/register

🔍

🌐 Odebrane (1) - piotr... 🌐 Facebook – zaloguj... 🌐 Poczta w Interii – lo... 🌐 YouTube 🌐 Ogłoszenia - Sprzed... 🌐 MovieStarPlanet 🌐 Lenovo Sup

Utwórz konto

Adres e-mail (wymagane)

Używaj swojego adresu e-mail do logowania.

Nazwa

Jak powinniśmy cię nazywać?

Hasło główne (wymagane)

👁

Ważne: Hasła główne nie mogą zostać odzyskane, jeśli je zapomnisz! Minimum znaków: 12

Wpisz ponownie hasło główne (wymagane)

👁

Podpowiedź do hasła głównego

Podpowiedź do hasła głównego może pomóc Ci przypomnieć hasło, jeśli je zapomnisz.

☒ Sprawdź czy to hasło występowało w znanych wyciekach danych

Utwórz konto

Zad 2

mkdir certy

cd certy

```
openssl req -newkey ec -pkeyopt ec_paramgen_curve:prime256v1 -nodes -keyout  
EPRIVATEKEY.key -out EMYCSR.csr -addext "subjectAltName=DNS:cloud.bartoszka.pl" -subj  
"/C=PL/ST=SLASK/L=Gliwice/O=BartoszKala/OU=IT/CN=cloud.bartoszka.pl/emailAddress=ad  
min@bartoszka.pl" -sha256
```

```
root@vultr:~/certy# ls  
EMYCSR.csr  EPRIVATEKEY.key  
root@vultr:~/certy# cat EPRIVATEKEY.key  
-----BEGIN PRIVATE KEY-----  
MIGHAgEAMBMGBYqGSM49AgEGCCqGSM49AwEHBG0wawIBAQQg0AMC+5ems/Mugvrr  
OY/sNinhTshd5rWLMFopLqWr0GqhRANCAATZGm3bDLApc2EHTKNOLkDaEWA59UB1  
pCzavEHVzsd7wPKboDxj80ZsIZq9+nHnEAOSsc0NXvTuFAfgu6V88FfE  
-----END PRIVATE KEY-----  
root@vultr:~/certy# cat EMYCSR.csr  
-----BEGIN CERTIFICATE REQUEST-----  
MIIBhTCCASsCAQAwgZYxCzAJBgNVBAYTA1BMMQ4wDAYDVQQIDAVTTEFTSsEQMA4G  
A1UEBwwHR2xpd2ljZTEUMBIGA1UECgwLQmFydG9zekthbGEExCzAJBgNVBAsMAk1U  
MR0wGwYDVQQDDBRjbG91ZC5iYXJ0b3N6a2FsYS5wbDEjMCEGCSqGSIb3DQEJARYU  
YWRtaW5AYmFydG9zemthbGEucGwwTATBgqhkJOPQIBBggqhkJOPQMBBwNCAATZ  
Gm3bDLApc2EHTKNOLkDaEWA59UB1pCzavEHVzsd7wPKboDxj80ZsIZq9+nHnEAOS  
sc0NXvTuFAfgu6V88FfEoDIwMAYJKoZIhvcNAQkOMSMwITAFBgNVHREEDAwghRj  
bG91ZC5iYXJ0b3N6a2FsYS5wbDAKBggqhkJOPQDDAgNIADBFAiEAn9SxlpIOkUTs  
SEYHSDzTut+1Wns+nno+Dr/tgnTSYyoCICiwy8XPtd06SXPmp/A9s7KlaM7L9xCA  
QUBHqa7qWwM+  
-----END CERTIFICATE REQUEST-----  
root@vultr:~/certy#
```

Tworzymy certyfikat na ZeroSSL:

New Certificate

Cancel

SSL Certificate Setup

You're on your way to issuing a brand-new SSL certificate for one or multiple domains. Before you can install your new certificate, please complete the steps below.

Domains

☐ I need a wildcard certificate PRO

Please enter at least one domain to secure. For single-domain certificates the WWW-version of your domain will always be included at no extra charge.

Enter Domains

cloud.bartoszka.pl

cloud.bartoszka.pl

Add Domain PRO

Next Step →

Validity

You can now choose between generating 90-day or one-year certificate validity. To keep manual work at a minimum, we recommend 1-year certificates.

☒ 90-Day Certificate

☐ 1-Year Certificate PRO

Next Step →

CSR & Contact

Before validation, we will auto-generate contact information and a CSR for your certificate. To enter your information manually or paste an existing CSR, please uncheck the box below.

☐ Auto-Generate CSR ?

☒ Paste Existing CSR

Paste CSR here (common name shall match the first certificate domain - [learn more](#)):

```
-----BEGIN CERTIFICATE REQUEST-----
MIIBhTCCASsCAQAwZyxCZAJBgNVBAYTA1BMMQ4wDAYDVQQIDAVTTEFTSzMCA4G
A1UEBwwHR2xpd2ljZTEUMBGA1UECgwLQmFydG9zekthbGExCzAJBgNVBAsMAk1U
MR0wGwYDVQDDBRjbG91ZC51YXJ0b3N6a2FsYS5wbDEjMCEGCsQSIb3DQEJARYU
YWRtaW5AYmFydG9zemthbGEucGwwNTATBgkqhkiJOPQIBggqhkiJOPQMBBwNCAATZ
Gm3bDLApc2EHTKNOLkDaEWA59UB1pCzavEHVzsd7wPKboDxj80ZsIZq9+nHnEAOS
sc0NXvTuFAfgu6V88FFe0DIwMAYJKoZIhvcNAQkOMSMwITAFBgNVHREEDAwghRj
bG91ZC51YXJ0b3N6a2FsYS5wbDAKBggqhkiJOPQQAQNIADBFAlEAn9Sx1pIOkUTs
SEYHSDzTut+1Wns+nno+Dr/tgnTSYyoCICiwy8XPtd06SXPmp/A9s7K1aM7L9xCA
QUBHqa7qWwM+
-----END CERTIFICATE REQUEST-----
```

Next Step →

DNS (CNAME)

☒ Follow the steps below

To verify your domain using a **CNAME record**, please follow the steps below:

- 1 Sign in to your DNS provider, typically the registrar of your domain.
- 2 Navigate to the section where DNS records are managed.
- 3 Add the following CNAME record:

Name

_44519BD4ECF05E416E8A9E2BABA9F783.cloud.bartoszkala.pl

copy

Point To

BF878F15DE9DC88E9D27D5A2EABB60D1.933E1036C196A900859084CB9EC5E4D5.355e07c92728c
b2.comodoca.com

copy

TTL

3600 (or lower)

- 4 Save your CNAME record and click "Next Step" to continue.

☐ File Upload

Next Step →

Tworzymy rekordy u operatora:

Dodaj nowy rekord

Typ rekordu

CNAME

Nazwa kanoniczna

BF878F15DE9DC88E9D27D5A2EABB60D1.93:

Host

_44519BD4ECF05E416E8A9E2BABA9F783.cloud

.bartoszkala.pl

TTL (Opcjonalne)

30

Sekundy

Zostaw puste, jeżeli chcesz korzystać z domyślnej wartości
(3600 sekund)

OK

Anuluj

Dodaj nowy rekord

Typ rekordu

A

Adres IPv4

64.176.72.131

Host (Opcjonalne)

cloud

.bartoszkala.pl

TTL (Opcjonalne)

30

Sekundy

Zostaw puste, jeżeli chcesz korzystać z domyślnej wartości
(3600 sekund)

OK

Anuluj

Kopiuujemy wygenerowany klucz:

```
C:\Users\lenovo>scp -r root@64.176.72.131:/root/certy/EPRIVATEKEY.key C:\Users\lenovo\Desktop\cloud.bartoszka.pl
root@64.176.72.131's password:
EPRIVATEKEY.key                                100% 241    8.4KB/s   00:00
C:\Users\lenovo>
```

Add Custom Certificate ×

[⚠ Key files protected with a passphrase are not supported.](#)

Name *

Certificate Key *

Browse

Certificate *

Browse

Intermediate Certificate

Browse

Cancel Save

← dodajemy odpowiednie pliki

```
mkdir -p ~/nextcloud
```

```
cd ~/nextcloud
```

Tworzymy plik:

```
/root/nextcloud/docker-compose.yaml [-M--] 0
version: "3.8"

services:
  nextcloud:
    image: nextcloud:latest
    container_name: nextcloud
    environment:
      - MYSQL_PASSWORD=example
      - MYSQL_DATABASE=nextcloud
      - MYSQL_USER=nextcloud
      - MYSQL_HOST=db
    volumes:
      - nextcloud_data:/var/www/html
    networks:
      - nginx-proxy-manager_default
    depends_on:
      - db

  db:
    image: mariadb:latest
    container_name: nextcloud-db
    restart: always
    environment:
      - MYSQL_ROOT_PASSWORD=example
      - MYSQL_PASSWORD=example
      - MYSQL_DATABASE=nextcloud
      - MYSQL_USER=nextcloud
    volumes:
      - db_data:/var/lib/mysql
    networks:
      - nginx-proxy-manager_default

volumes:
  nextcloud_data:
  db_data:

networks:
  nginx-proxy-manager_default:
    external: true
```

```
root@vultr:~/nextcloud# docker-compose up -d
Creating volume "nextcloud_nextcloud_data" with default driver
Creating volume "nextcloud_db_data" with default driver
Pulling db (mariadb:latest)...
latest: Pulling from library/mariadb
0622fac788ed: Extracting [=====>] 29.72MB/29.72MB
90dbf4535882: Download complete
95ed3e3fde04: Download complete
0b381eed6c88: Download complete
d7547f36e497: Download complete
a5e33262a388: Downloading [=====>] 12.84MB/69.85MB
3984aae8ebb4: Download complete
```

Edit Proxy Host

Details

Custom locations

SSL

Advanced

Domain Names *

cloud.bartoszkala.pl

Scheme *

http

Forward Hostname / IP *

nextcloud

Forward Port *

80

Cache Assets

Block Common Exploits

Websockets Support

Access List

Publicly Accessible

Cancel

Save

Edit Proxy Host



⚡ Details

📁 Custom locations

🛡️ SSL

⚙️ Advanced

SSL Certificate

cloud_ssl



Force SSL



HTTP/2 Support



HSTS Enabled [?](#)



HSTS Subdomains

Cancel

Save

Sprawdzamy działanie:

