

Let's Encrypt wildcard



Установка

```
apt-get update
apt-get install git
cd /opt
git clone https://github.com/certbot/certbot
```

Получение

Пример получения сертификата для *.domain.ru

Выполняем:

```
/opt/certbot/letsencrypt-auto certonly -d *.domain.ru -m webmaster@domain.ru --server
https://acme-v02.api.letsencrypt.org/directory --manual
```

Ответ:

```
Upgrading certbot-auto 0.22.2 to 0.25.0...
Replacing certbot-auto...
Creating virtual environment...
Installing Python packages...
Installation succeeded.
Saving debug log to /var/log/letsencrypt/letsencrypt.log
Plugins selected: Authenticator manual, Installer None
Cert is due for renewal, auto-renewing...
Renewing an existing certificate
Performing the following challenges:
dns-01 challenge for domain.ru
```

```
-----
NOTE: The IP of this machine will be publicly logged as having requested this
certificate. If you're running certbot in manual mode on a machine that is not
your server, please ensure you're okay with that.
```

```
Are you OK with your IP being logged?
```

```
-----
(Y)es/(N)o: Y
```

Отвечаем: Y

```
-----
Please deploy a DNS TXT record under the name
_acme-challenge.domain.ru with the following value:
```

```
RVSD8RHaITG8rXxh30Giwq8fq4du5VksR6MsfG1KyE1
```

```
Before continuing, verify the record is deployed.
```

```
-----
Press Enter to Continue
```

Вводим проверочные данные в [DNS](#), далее нужно [проверить](#) и убедиться, что изменения произведены и нажать

```
Waiting for verification...
Cleaning up challenges
```

IMPORTANT NOTES:

- Congratulations! Your certificate and chain have been saved at:
/etc/letsencrypt/live/domain.ru/fullchain.pem
Your key file has been saved at:
/etc/letsencrypt/live/domain.ru/privkey.pem
Your cert will expire on 2018-09-07. To obtain a new or tweaked version of this certificate in the future, simply run letsencrypt-auto again. To non-interactively renew *all* of your certificates, run "letsencrypt-auto renew"
- 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>

DNS

Проверочные данные нужно ввести в поле: _acme-challenge.domain.ru. тип поля: TXT

```
_acme-challenge.domain.ru.      IN      TXT      "RVSD8RHaITG8rXxh30Giwq8fq4du5VksR6MsfG1KyE1"
```

Проверка:

```
dig @8.8.8.8 -t txt _acme-challenge.domain.ru
```

Результат:

```
; <<>> DiG 9.10.3-P4-Debian <<>> -t txt _acme-challenge.domain.ru
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 65104
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 5, ADDITIONAL: 5

;; QUESTION SECTION:
_acme-challenge.domain.ru. IN      TXT

;; ANSWER SECTION:
_acme-challenge.domain.ru. 3600 IN      TXT      "RVSD8RHaITG8rXxh30Giwq8fq4du5VksR6MsfG1KyE1"
```

Файлы

Готовые файлы находятся в паке /etc/letsencrypt/live/domain.ru

cert.pem	сертификат сервера	Apache в SSLCertificateFile
chain.pem	сертификат цепочки	Apache в SSLCertificateChainFile
fullchain.pem	соединение chain.pem и cert.pem	Apache в SSLCertificateFile Nginx в ssl_certificate
privkey.pem	приватный ключ для сертификата	Apache в SSLCertificateKeyFile Nginx в ssl_certificate_key

Ссылки

[Подключаем wildcard certificate на домен с помощью letsencrypt](#)

[Получаем lets'encrypt wildcard сертификат](#)

<http://sysadminmosaic.ru/letsencrypt/wildcard>

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