

Let's Encrypt(CertBot) Wildcard Certificates 3

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— 2020/12/13 14:36

Let's Encrypt

가

- DNS 가 DNS
- (:가 ,)
DNS 가 DNS

- *.koov.kr
- koov.kr 가 가

```
certbot certonly --manual --preferred-challenges dns -d "koov.kr" -d "*.koov.kr"
```

```

root@proxy:~# certbot certonly --manual --preferred-challenges dns -d
"koov.kr" -d "*.koov.kr"
Saving debug log to /var/log/letsencrypt/letsencrypt.log
Plugins selected: Authenticator manual, Installer None
Obtaining a new certificate
Performing the following challenges:
dns-01 challenge for koov.kr
dns-01 challenge for koov.kr
- - - - -
- -
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

```

(Y)

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

```
NFH7_ZDQmi_Kz4A_M-SWzXrwJuTVQ1zDEJooIlgQ2pw
```

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

```
Press Enter to Continue
```

```
                                _acme-challenge.koov.kr  
NFH7_ZDQmi_Kz4A_M-SWzXrwJuTVQ1zDEJooIlgQ2pw      TXT      가
```

```
                                DNS      DNS  
DNS      DNS      DNS
```

```
dig
```

```
root@proxy:~# dig _acme-challenge.koov.kr TXT  
  
; <<>> DiG 9.11.5-P4-5.1+deb10u2-Debian <<>> _acme-challenge.koov.kr TXT  
;; global options: +cmd  
;; Got answer:  
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 719  
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 512  
;; QUESTION SECTION:  
_acme-challenge.koov.kr.      IN      TXT  
  
;; ANSWER SECTION:  
_acme-challenge.koov.kr. 179      IN      TXT      "NFH7_ZDQmi_Kz4A_M-  
SWzXrwJuTVQ1zDEJooIlgQ2pw"  
  
;; Query time: 134 msec  
;; SERVER: 8.8.8.8#53(8.8.8.8)  
;; WHEN: Sun Dec 13 14:47:14 KST 2020
```

```
;; MSG SIZE rcvd: 164
```

```
host
```

```
root@proxy:~# host -t txt _acme-challenge.koov.kr
_acme-challenge.koov.kr descriptive text "NFH7_ZDQmi_Kz4A_M-
SWzXrwJuTVQ1zDEJooIlgQ2pw"
```

```
/ nslookup
```

```
Microsoft Windows [Version 10.0.19041.685]
(c) 2020 Microsoft Corporation. All rights reserved.
```

```
C:\Users\KooV>nslookup
: dns.google
Address: 8.8.8.8
```

```
> set type=TXT
> _acme-challenge.koov.kr
: dns.google
Address: 8.8.8.8
```

```
:
_acme-challenge.koov.kr text = "NFH7_ZDQmi_Kz4A_M-SWzXrwJuTVQ1zDEJooIlgQ2pw"
```

```
ANSWER SECTION      TXT
```

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

```
D1FHFfn5avBVNyoMoQlNVuhrbhEheyaKyWwzm9rauW00
```

```
Before continuing, verify the record is deployed.
(This must be set up in addition to the previous challenges; do not remove,
replace, or undo the previous challenge tasks yet. Note that you might be
asked to create multiple distinct TXT records with the same name. This is
permitted by DNS standards.)
```

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

```
      TXT
-----
      TXT
      가
      가
      가
```

```
root@proxy:~# dig _acme-challenge.koov.kr TXT

; <<>> DiG 9.11.5-P4-5.1+deb10u2-Debian <<>> _acme-challenge.koov.kr TXT
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 719
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; QUESTION SECTION:
_acme-challenge.koov.kr.  IN    TXT

;; ANSWER SECTION:
_acme-challenge.koov.kr. 179  IN    TXT    "NFH7_ZDQmi_Kz4A_M-
SwzXrwJuTVQ1zDEJooIlgQ2pw"
_acme-challenge.koov.kr. 179  IN    TXT    "D1FHFn5avBVNyMoQLNVuhrbhEheyakYwzm9rauW00"

;; Query time: 134 msec
;; SERVER: 8.8.8.8#53(8.8.8.8)
;; WHEN: Sun Dec 13 14:47:14 KST 2020
;; MSG SIZE rcvd: 164
```

```
2    TXT    가
```

Waiting for verification...
Cleaning up challenges

IMPORTANT NOTES:

- Congratulations! Your certificate and chain have been saved at:
/etc/letsencrypt/live/koov.kr/fullchain.pem
Your key file has been saved at:
/etc/letsencrypt/live/koov.kr/privkey.pem
Your cert will expire on 2021-03-13. To obtain a new or tweaked version of this certificate in the future, simply run certbot again. To non-interactively renew *all* of your certificates, run "certbot 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>

- <https://hiseon.me/server/letsencrypt-wildcard-certificate/>
- <https://certbot.eff.org/docs/using.html>

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