

HTTPS (SSL)

```
add-apt-repository ppa:certbot/certbot
```

```
apt install python-certbot-apache
```

```
certbot --apache -d your_domain -d www.your_domain
```

<https://www.digitalocean.com/community/tutorials/how-to-secure-apache-with-let-s-encrypt-on-ubuntu-18-04-pt>

Adding subdomain to existing certificate:

```
root@web2:/etc/letsencrypt# service apache2 stop
root@web2:/etc/letsencrypt# letsencrypt certonly --cert-name diogogl.com -d diogogl.com -d
bank.diogogl.com -d gilberto.diogogl.com -d gilbertoadmin.diogogl.com -d
gilbertomag.diogogl.com -d gilbertomagdev.diogogl.com -d gilbertotemplate.diogogl.com -d
git.diogogl.com -d home.diogogl.com
Saving debug log to /var/log/letsencrypt/letsencrypt.log

How would you like to authenticate with the ACME CA?
- - - - -
1: Apache Web Server plugin (apache)
2: Spin up a temporary webserver (standalone)
3: Place files in webroot directory (webroot)
- - - - -
Select the appropriate number [1-3] then [enter] (press 'c' to cancel): 2
Plugins selected: Authenticator standalone, Installer None

- - - - -
You are updating certificate diogogl.com to include new domain(s):
+ diogogl.com
+ gilberto.diogogl.com
+ gilbertoadmin.diogogl.com
+ gilbertomag.diogogl.com
```

```
+ gilbertomagdev.diogogl.com
+ gilbertotemplate.diogogl.com
+ git.diogogl.com
+ home.diogogl.com
```

You are also removing previously included domain(s):
(None)

Did you intend to make this change?

(U)pdate cert/(C)ancel: u
Renewing an existing certificate

IMPORTANT NOTES:

- Congratulations! Your certificate and chain have been saved at:
/etc/letsencrypt/live/diogogl.com/fullchain.pem
Your key file has been saved at:
/etc/letsencrypt/live/diogogl.com/privkey.pem
Your cert will expire on 2024-02-21. 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>

```
root@web2:/etc/letsencrypt# service apache2 restart
root@web2:/etc/letsencrypt#
```

Revision #1

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