root@web:~# echo "To easily create SSL enabled website"
To easily create SSL enabled website

root@web:~#
root@web:~# sudo add-apt-repository ppa:certbot/certbot
root@web:~# sudo apt-get update
root@web:~# sudo apt-get install python-certbot-apache
root@web:~# letsencrypt
Saving debug log to /var/log/letsencrypt/letsencrypt.log
Plugins selected: Authenticator apache, Installer apache
Enter email address (used for urgent renewal and security notices) (Enter 'c' to cancel): joe@cs.dixie.edu
Starting new HTTPS connection (1): acme-v01.api.letsencrypt.org

Please read the Terms of Service at
https://acme-v01.api.letsencrypt.org/directory

(A)gree/(C)ancel:  

Saving debug log to /var/log/letsencrypt/letsencrypt.log
Plugins selected: Authenticator apache, Installer apache
Enter email address (used for urgent renewal and security notices) (Enter 'c' to cancel): joe@cs.dixie.edu
Starting new HTTPS connection (1): acme-v01.api.letsencrypt.org


(A)gree/(C)ancel: A

Would you be willing to share your email address with the Electronic Frontier Foundation, a founding partner of the Let's Encrypt project and the non-profit organization that develops Certbot? We'd like to send you email about EFF and our work to encrypt the web, protect its users and defend digital rights.

(Y)es/(N)o: N
agree in order to register with the ACME server at
https://acme-v01.api.letsencrypt.org/directory

(A)gree/(C)ancel: A

Would you be willing to share your email address with the Electronic Frontier
Foundation, a founding partner of the Let's Encrypt project and the non-profit
organization that develops Certbot? We'd like to send you email about EFF and
our work to encrypt the web, protect its users and defend digital rights.

(Y)es/(N)o: N

Which names would you like to activate HTTPS for?

1: ipv6.mojojojo.ml
2: web.mojojojo.ml
3: www.mojojojo.ml
4: fajita.thegummibear.com

Select the appropriate numbers separated by commas and/or spaces, or leave input
blank to select all options shown (Enter 'c' to cancel): 3
blank to select all options shown (Enter 'c' to cancel): 3

Obtaining a new certificate
Performing the following challenges:
http-01 challenge for www.mojojojo.ml
Enabled Apache rewrite module
Waiting for verification...
Cleaning up challenges
Created an SSL vhost at /etc/apache2/sites-available/www.mojojojo.ml-le-ssl.conf
Enabled Apache socache_shmcb module
Enabled Apache ssl module
Deploying Certificate to VirtualHost /etc/apache2/sites-available/www.mojojojo.ml-le-ssl.conf
Enabling available site: /etc/apache2/sites-available/www.mojojojo.ml-le-ssl.conf

Please choose whether or not to redirect HTTP traffic to HTTPS, removing HTTP access.

1: No redirect – Make no further changes to the webserver configuration.
2: Redirect – Make all requests redirect to secure HTTPS access. Choose this for new sites, or if you're confident your site works on HTTPS. You can undo this change by editing your web server's configuration.

Select the appropriate number [1-2] then [enter] (press 'c' to cancel):
blank to select all options shown (Enter 'c' to cancel): 3

Obtaining a new certificate
Performing the following challenges:
http-01 challenge for www.mojojojo.ml
Enabled Apache rewrite module
Waiting for verification...
Cleaning up challenges
Created an SSL vhost at /etc/apache2/sites-available/www.mojojojo.ml-le-ssl.conf
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Please choose whether or not to redirect HTTP traffic to HTTPS, removing HTTP access.
1: No redirect – Make no further changes to the webserver configuration.
2: Redirect – Make all requests redirect to secure HTTPS access. Choose this for new sites, or if you're confident your site works on HTTPS. You can undo this change by editing your web server's configuration.

Select the appropriate number [1-2] then [enter] (press 'c' to cancel): 2
IMPORTANT NOTES:
- Congratulations! Your certificate and chain have been saved at:
  /etc/letsencrypt/live/www.mojojojo.ml/fullchain.pem
  Your key file has been saved at:
  /etc/letsencrypt/live/www.mojojojo.ml/privkey.pem
  Your cert will expire on 2018-06-25. To obtain a new or tweaked version of this certificate in the future, simply run certbot again with the "certonly" option. To non-interactively renew *all* of your certificates, run "certbot renew"
- Your account credentials have been saved in your Certbot configuration directory at /etc/letsencrypt. You should make a secure backup of this folder now. This configuration directory will also contain certificates and private keys obtained by Certbot so making regular backups of this folder is ideal.
- 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
Yay this is the www.mojo index page
root@web:/etc/letsencrypt# echo "Yay, it is secure"
Yay, it is secure
root@web:/etc/letsencrypt#