

Install Let's Encrypt to Create SSL Certificates

```
yum -y update
install httpd and mod24_ssl package.
yum -y install git
sudo git clone https://github.com/letsencrypt/letsencrypt /opt/letsencrypt
cd /opt/letsencrypt
/etc/init.d/httpd stop
```

If you want to add only **Domain, then**

```
sudo -H ./letsencrypt-auto certonly --standalone -d www.example.com -d example.com
--no-bootstrap
```

If you want to add **domain and subdomain, then**

```
sudo -H ./letsencrypt-auto certonly --standalone -d <domain_name> -d
<Sub_domain_name>.<domain_name> --no-bootstrap
```

If you want to add only **subdomain, then**

```
sudo -H ./letsencrypt-auto certonly --standalone -d <domain_name> -d <Sub_domain_name>
--no-bootstrap
```

Once Certificate issued.

Go to the below mentioned path for SSL certificate

/etc/letsencrypt/live/**www.example.com**

```
<VirtualHost *:443>
  ServerName <domain_Name>
  ServerAlias <domain_Name>
  DocumentRoot /var/www/vhosts/<domain_Name>/httpdocs

  SSLEngine on
  SSLCertificateFile /etc/letsencrypt/live/<domain_Name>/cert.pem
  SSLCACertificateFile /etc/letsencrypt/live/<domain_Name>/chain.pem
  SSLCertificateKeyFile /etc/letsencrypt/live/<domain_Name>/privkey.pem

  CustomLog /var/www/vhosts/<domain_Name>/logs/SSL_access.log combined
  ErrorLog /var/www/vhosts/<domain_Name>/logs/SSL_error.log
  <Directory /var/www/vhosts/<domain_Name>/httpdocs>
    Options -Indexes +FollowSymLinks +MultiViews
    AllowOverride All
    Order Allow,Deny
    Allow from all
  </Directory>
</VirtualHost>
```

/etc/init.d/httpd start

Done

Renew Letsencrypt certificate

Step 1: Service httpd stop

Step 2: certbot renew

Step 3: Service httpd start

Step 4: Service httpd status