Let's Encrypt(CertBot) SSL with HAProxy

Let's Encrypt   Certbot   SSL   .   SSL
                                          .   HAProxy   /
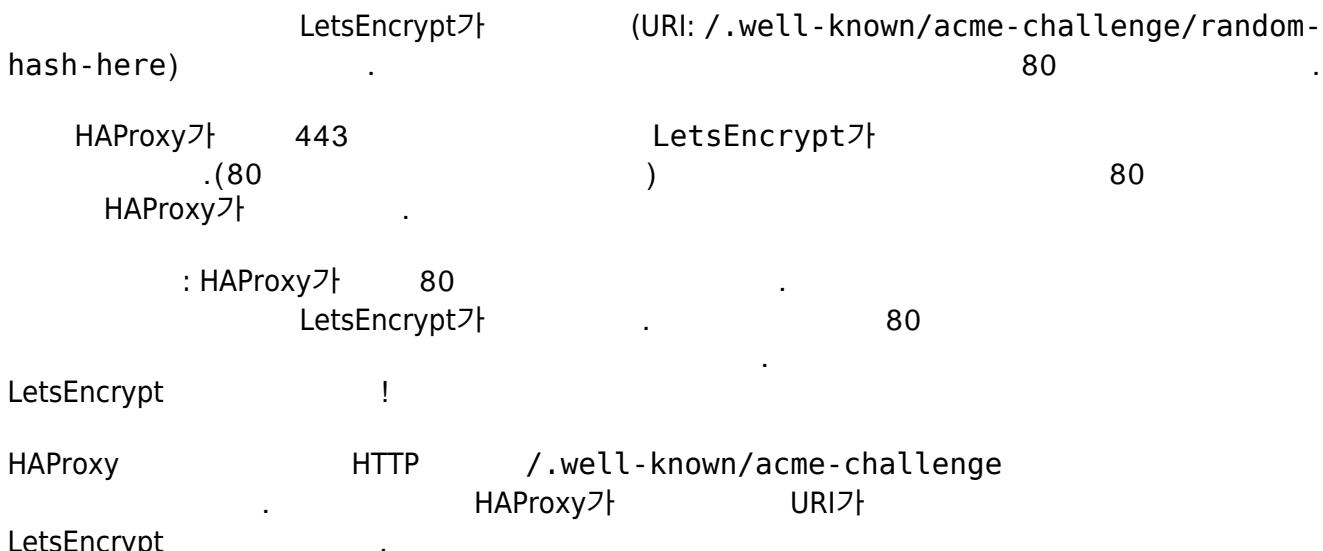haproxy   .

HAProxy

                              LetsEncrypt   (URI: `/.well-known/acme-challenge/random-hash-here`)   .   80   .

    HAProxy   443   LetsEncrypt
              .(80   )   80
      HAProxy   .

              : HAProxy   80   .
                              LetsEncrypt   .   80
                                                  .

LetsEncrypt   !

HAProxy   HTTP   `/.well-known/acme-challenge`
                  .   HAProxy   URI
LetsEncrypt   .
    .

```
# The frontend only listens on port 80
# If it detects a LetsEncrypt request, is uses the LE backend
# Else it goes to the default backend for the web servers
frontend fe-scalinglaravel
    bind *:80

    # Test URI to see if its a letsencrypt request
    acl letsencrypt-acl path_beg /.well-known/acme-challenge/
    use_backend letsencrypt-backend if letsencrypt-acl

    default_backend be-scalinglaravel

# LE Backend
backend letsencrypt-backend
    server letsencrypt 127.0.0.1:8888

# Normal (default) Backend
# for web app servers
backend be-scalinglaravel
    # Config omitted here
```

HAProxy   (sudo service haproxy reload)   LetsEncrypt

.

LetsEncrypt   .

```
sudo certbot certonly --standalone -d demo.scalinglaravel.com \
    --non-interactive --agree-tos --email admin@example.com \
    --http-01-port=8888
```

http-01-port=8888   certbot   8888
              .