# HAProxy SSL

```
frontend web
        bind *:80
        #bind *:443 ssl crt /etc/haproxy/ssl/nas.koov.net.pem crt
/etc/haproxy/ssl/allthatlinux.com.pem crt /etc/haproxy/ssl/linuxdata.kr.pem
crt /etc/haproxy/ssl/dev.koov.net.pem crt
/etc/haproxy/ssl/jenkins.koov.net.pem
        bind *:443 ssl crt-list /etc/haproxy/ssl/crt-list.txt
        reqadd X-Forwarded-Proto:\ https
        http-request set-header X-SSL %[ssl_fc]
        http-response set-header Cache-Control no-cache,\ max-age="600"



....

backend backend_nas.koov.net
        redirect scheme https code 301 if !{ ssl_fc }
        server  static  192.168.0.8:5000        check

backend backend_home.koov.net
        redirect scheme https code 301 if !{ ssl_fc }
        server  static  192.168.0.24:80         check

backend backend_dev.koov.net
        redirect scheme https code 301 if !{ ssl_fc }
        server  static  192.168.0.27:80         check

backend backend_jenkins.koov.net
        redirect scheme https code 301 if !{ ssl_fc }
        server  static  192.168.0.27:8080       check

backend backend_archiva.koov.net
        #redirect scheme https code 301 if !{ ssl_fc }
        server  static  192.168.0.27:8180       check

backend backend_allthatlinux.com
        redirect scheme https code 301 if !{ ssl_fc }
        server  static  192.168.0.21:80         check

backend backend_talk.koov.net
        server  static  192.168.0.28:80         check

....
```

## let's encrypt

let's encrypt                                                4                              .

- cert.pem
- chain.pem
- fullchain.pem
- privkey.pem

fullchain.pem                    3                                        .

```
# cat cert.pem privkey.pem chain.pem > all.pem
```

'crt-list.txt'                                                              .

```
all.pem
site1.pem
site2.pem
...
```

letsencrypt    chain.pem              ca.pem                              .

haproxy.cfg                                                    .

```
...
frontend web
        bind *:80
        #bind *:443 ssl crt /etc/haproxy/ssl/nas.koov.net.pem crt
/etc/haproxy/ssl/allthatlinux.com.pem crt /etc/haproxy/ssl/linuxdata.kr.pem
crt /etc/haproxy/ssl/dev.koov.net.pem crt
/etc/haproxy/ssl/jenkins.koov.net.pem  #
        bind *:443 ssl crt-list /etc/haproxy/ssl/crt-list.txt ca-file
/etc/haproxy/ssl/ca.pem verify optional #
        reqadd X-Forwarded-Proto:\ https
        http-request set-header X-SSL %[ssl_fc]
        http-response set-header Cache-Control no-cache,\ max-age="600"
...
```

- [Let's Encrypt(CertBot) SSL with HAProxy](#)

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