

**HAProxy SSL** ..... 3  
    ..... 3  
    let's encrypt ..... 4  
    ..... 4



# 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

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- 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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Last update: **2020/02/21 07:06**

