## HAproxy

설치

$ wget http://www.haproxy.org/download/1.9/src/haproxy-1.9.12.tar.gz

$ tar -xvf haproxy-1.9.12.tar.gz

$ cd haproxy-1.9.12/

$ sudo yum install gcc

$ sudo make TARGET=linux2628

$ sudo make install

환경파일 디렉토리 및 파일생성

$ sudo mkdir -p /etc/haproxy

$ sudo touch /etc/haproxy/haproxy.cfg

라이브러리 디렉토리 및 파일생성

$ sudo mkdir -p /var/lib/haproxy

$ sudo touch /var/lib/haproxy/stats

다른 사용자도 haproxy를 실행할 수 있도록 Symbolic Link생성

$ sudo ln -s /usr/local/sbin/haproxy /usr/sbin/haproxy

haproxy 서비스 등록 & 권한 변경

$ sudo cp ./examples/haproxy.init /etc/init.d/haproxy

$ sudo chmod 755 /etc/init.d/haproxy

$ sudo chkconfig haproxy on

설치 버전 확인

$ haproxy -v

환경 설정

$ sudo vi /etc/haproxy/haproxy.cfg

global

daemon

defaults

mode http

timeout connect 5000ms

timeout client 50000ms

timeout server 50000ms

frontend http-in

bind \*:80

acl is\_eu path\_beg -i /eu

acl is\_us path\_beg -i /us

acl is\_ch path\_beg -i /ch

use\_backend europe\_web if is\_eu

use\_backend america\_web if is\_us

use\_backend china\_web if is\_ch

default\_backend web\_servers

backend web\_servers

balance roundrobin

server seoul 3.35.49.13:80 check

backend europe\_web

http-request set-path /

server london 20.68.197.79:80 check

server seoul 3.35.49.13:80 backup check

backend america\_web

http-request set-path /

server oregon 35.212.170.161:80 check

server seoul 3.35.49.13:80 backup check

backend china\_web

http-request set-path /

server china 8.210.140.205:80 check

server seoul 3.35.49.13:80 backup check

$ sudo systemctl restart haproxy

## VPN 설정

Azure

# vi /etc/ipsec.d/azure.conf

conn Azure

authby=secret

auto=start

left=%defaultroute

leftid=123.142.252.25

right=20.26.196.176

rightid=20.26.196.176

type=tunnel

ikelifetime=8h

keylife=1h

phase2alg=aes128-sha1;modp1024

ike=aes128-sha1;modp1024

keyingtries=%forever

keyexchange=ike

leftsubnets={192.168.0.0/20,10.15.0.0/16}

rightsubnet=10.21.0.0/16

dpddelay=10

dpdtimeout=30

dpdaction=restart\_by\_peer

overlapip=yes

# vi /etc/ipsec.d/azure.secrets

123.142.252.25 20.58.53.12: PSK "kosa0401passwordkosa0401"

GCP

# vi /etc/ipsec.d/gcp.conf

conn GCP

authby=secret

auto=start

left=%defaultroute

leftid=123.142.252.25

right=34.127.105.234

rightid=34.127.105.234

type=tunnel

ikelifetime=8h

keylife=1h

phase2alg=aes128-sha1;modp1024

ike=aes128-sha1;modp1024

keyingtries=%forever

keyexchange=ike

leftsubnets={192.168.0.0/20,10.15.0.0/16}

rightsubnet=10.31.0.0/16

dpddelay=10

dpdtimeout=30

dpdaction=restart\_by\_peer

overlapip=yes

# vi /etc/ipsec.d/gcp.secrets

123.142.252.25 34.127.105.234: PSK "bvz+PZtIZ1ZZEnkkVoggT2p8ywmI733k"