HAProxy Installation

Prerequisite: HAProxy Setup

1. Place haproxy configuration /etc/haproxy/haproxy.cfg
2. Create log directory

   a. mkdir -p /var/log/haproxy
   b. chmod 777 /var/log/haproxy
3. Disable selinux

   a. sudo setenforce 0
   b. Edit /etc/selinux/config and set SELINUX=disabled
4. Create rsyslog config

   a. cat /etc/rsyslog.d/haproxy.conf
   ```
   $AddUnixListenSocket /var/log/haproxy/log

   if $programname startswith 'haproxy' then /var/log/haproxy/haproxy.log
   &~
   ```
   b. sudo systemctl restart rsyslog
   c. Ensure /var/log/haproxy/log file is created
5. Create log rotation config

   a. cat /etc/logrotate.d/haproxy
   ```
   /var/log/haproxy/*.log {
   daily
   rotate 7
   copytruncate
   delaycompress
   compress
   notifempty
   missingok
   }
   ```
   b. No need to restart anything for logrotate as it is driven by daily cron /etc/cron.daily/logrotate
6. Start haproxy docker

   a. sudo docker run -d --name haproxy-container -p 443:443 -p 8443:8443 -p 9094:9094 -p 9093:9093 -v /etc/haproxy:/usr/local/etc/haproxy:ro -v /etc/letsencrypt:/etc/letsencrypt -v /var/log/haproxy:/var/log/haproxy haproxytech/haproxy-ubuntu:2.0