

Creating a load balancer

```
openstack loadbalancer create --vip-network-id VLAN164 --name my-lb
openstack loadbalancer listener create --name listen-http --protocol HTTP --
protocol-port 80 my-lb
openstack loadbalancer listener create --name listen-https --protocol HTTPS
--protocol-port 443 my-lb
openstack loadbalancer pool create --name pool-http --lb-algorithm
ROUND_ROBIN --listener pool-http --protocol HTTP
openstack loadbalancer pool create --name pool-https --lb-algorithm
ROUND_ROBIN --listener pool-https --protocol HTTPS

cat virtual_hosts.txt | while read host;
do
    openstack loadbalancer member create --subnet-id 9f9a73fd-2a98-4cfb-
ac43-645b119e0135 --address $host --protocol-port 80 ranch-http
    openstack loadbalancer member create --subnet-id 9f9a73fd-2a98-4cfb-
ac43-645b119e0135 --address $host --protocol-port 443 ranch-https
done
```

The Result

A free IP is taken from VLAN164 and an HAProxy instance listens for HTTP and HTTPS traffic on ports 80, 443. Any traffic to those ports will be sent to a health (responding) virtual instance on the subnet id 9f9a73fd-2a98-4cfb-ac43-645b119e0135.

From:

<https://howto.cs.uchicago.edu/> - **How do I?**

Permanent link:

<https://howto.cs.uchicago.edu/cloud:recipes?rev=1544206671>

Last update: **2018/12/07 12:17**

