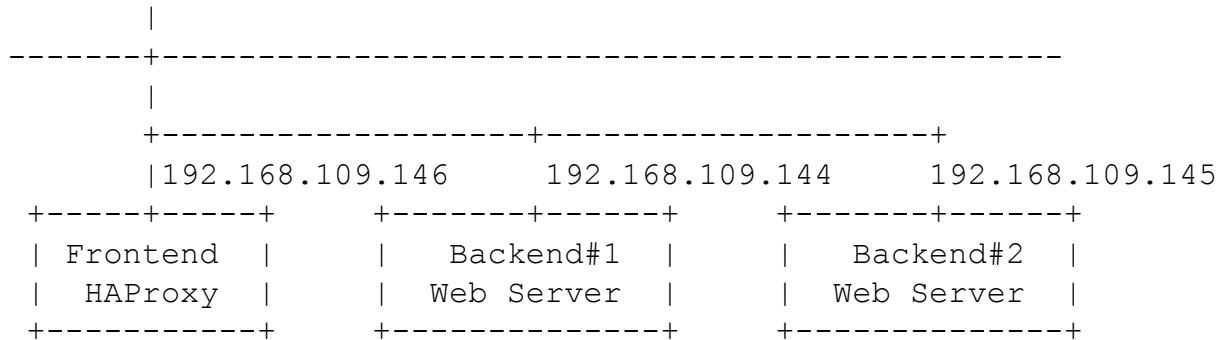


## HAProxy : HTTP Load Balancing

Install HAProxy to configure Load Balancing Server.

This example based on the environment like follows.



Configure Servers that HTTP connections to HAProxy Server are forwarded to backend Web Servers.

[1] Install HAProxy.

```
root@dlp:~# apt-get -y install haproxy
```

[2] Configure HAProxy.

```
root@dlp:~# cp /etc/haproxy/haproxy.cfg /etc/haproxy/haproxy.cfg.org
root@dlp:~# nano /etc/haproxy/haproxy.cfg
```

Add following lines to haproxy.cnf

```
frontend http_front
    bind *:80
    default_backend http_back

backend http_back
    balance roundrobin
    mode http
    server vm1 192.168.109.144:80 check
    server vm2 192.168.109.145:80 check
```

[3] Restart HAProxy and check its status

```
root@dlp:~# systemctl restart haproxy
root@dlp:~# systemctl status haproxy
```

[4] Make sure it works fine to access to the frontend server from a Client with HTTP like follows.

