Load Balancing with NGINX
Cheat Sheet

On the back end web servers, run the following commands to install NGINX:

```
sudo apt-get install -y nginx
uname -n | sudo tee /usr/share/nginx/html/index.html
```

On the load balancer, run the follow commands:

```
sudo apt-get install -y nginx
```

Use the following as the contents of /etc/nginx/sites-available/default:

```
upstream web_backend {
    # Uncomment for the IP Hashing load balancing method:
    # ip_hash;

    # Uncomment for the Least Connected load balancing method:
    # least_conn;

    # Replace the IP addresses with the IP addresses
    # (or hostnames) of your back end web servers.
    # Examples:
    # server www1.example.com:8080;
    # server 192.168.1.100;

    server 10.11.12.51;
    server 10.11.12.52;
}

server {
    listen 80;

    location / {
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_pass http://web_backend;
    }
}
```

Make NGINX read the new configuration by running the following command:

```
sudo service nginx reload
```