```
#
upstream backend {
        ip_hash;
        least_conn;
        server node01.omarwsaleh.com weight=3;
        server node02.omarwsaleh.com weight=1;


}

server {
        listen 80;
        listen [::]:80;

        # SSL configuration
        #
        # listen 443 ssl default_server;
        # listen [::]:443 ssl default_server;
        #
```

```
        # include snippets/snakeoil.conf;

        #        root /var/www/kareem;

        # Add index.php to the list if you are using PHP
        index index.html index.htm index.nginx-debian.html;

        server_name www.backend.com;

        location / {
                # First attempt to serve request as file, then
                # as directory, then fall back to displaying a 404.
                #try_files $uri $uri/ =404;
                proxy_pass http://backend;
        }
```

```
nginx: configuration file /etc/nginx/nginx.conf test failed
root@ubuntu:/etc/nginx/sites-enabled# vim load_b.conf
root@ubuntu:/etc/nginx/sites-enabled# nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
root@ubuntu:/etc/nginx/sites-enabled# systemctl reload nginx
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# vim load_b.conf
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node02
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node02
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
^[[A
Hello from node02
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.backend.com" localhost
Hello from node01
```