**Nginx load balancer on ubuntu**

**In order to set up a round robin load balancer, we will need to use the nginx upstream module. We will incorporate the configuration into the nginx settings.**

**Go ahead and open up your website’s configuration (in my examples I will just work off of the generic default virtual host):**

sudo nano /etc/nginx/sites-available/default

**We need to add the load balancing configuration to the file.**

*First we need to include the upstream module which looks like this:*

upstream backend {

server backend1.example.com;

server backend2.example.com;

server backend3.example.com;

}

**We should then reference the module further on in the configuration:**

server {

location / {

proxy\_pass http://backend;

}

}

**Restart nginx:**

sudo service nginx restart

**As long as you have all of the virtual private servers in place you should now find that the load balancer will begin to distribute the visitors to the linked servers equally.**