

## A DISTRIBUTED WEB INFRASTRUCTURE

**A DESIGN OF A THREE SERVER WEB INFRASTRUCTURE THAT HOST A WEBSITE REACHABLE VIA [www.foobar.com](http://www.foobar.com). IT MUST BE SECURED, ENCRYPTED TRAFFIC AND MONITORED**

- **For Every additional element, why you are adding it:** We have added one Server and load balancer, Adding the new server has allow us to separate each component (Web server. NGIX, application server, code base and database (MYSQL)) in their own server and yet having one extra server with all the component to serve as a backup if any of the component or server fails. Each server is been monitored and has a firewalls, also, we have added extra load balancer that will assist in handling more traffic across the whole infrastructure