**Setting up the pizza vulnerability site**

The pizza site stack is an Ubuntu machine with a Python Flask server behind uWSGI and NGINX servers and a MySQL server.

**Requirements:**

1. An Ubuntu AWS machine with port 80 enabled in its security group

2. pizza\_site.tar.gz

**Setup:**

1. SCP pizza\_site.tar.gz onto the machine (into ~/pizza\_site.tar.gz)
2. Extract the zip file into /opt/pizza\_site
3. Go into /opt/pizza\_site
4. Install each requirement from infra/requirements.txt (you can try changing the suffix to .sh and run it) – Note that when the MySQL server installation will run it will ask you to set the root account password, use “pa55w0rd”
5. Setup the pizza site db access by following these steps:
   1. MySQL console by doing

**$ mysql -uroot -ppa55w0rd**

* 1. Create the schema:

**> CREATE SCHEMA pizza\_db;**

* 1. Grant privileges for our pizza site user:

**> GRANT ALL PRIVILEGES ON pizza\_db.\* To 'pizza-admin'@'%' IDENTIFIED BY 'pa55w0rd';**

* 1. Exit:

**> exit**

1. Setting up Nginx:
   1. Replace /etc/nginx/nginx.conf with infra/nginx.conf:

**$ sudo cp infra/nginx.conf /etc/nginx/nginx.conf**

* 1. Delete /etc/nginx/sites-available/Default:

**$ sudo rm /etc/nginx/sites-available/Default**

* 1. Copy infra/pizza\_site.conf into /etc/nginx/sites-available/pizza\_site.conf:

**$ sudo cp infra/pizza\_site.conf /etc/nginx/sites-available/pizza\_site.conf**

* 1. Restart nginx:

**$ sudo service nginx restart**

1. Setting up Apache2:
   1. Open apache to listen on port 8080:

**$ sudo vim /etc/apache2/ports.conf**

edit line 5 to be: “Listen 8080”

* 1. Restart Aapache2:

**$ sudo service apache2 restart**

1. Setting up pizza site service and starting it:
   1. copy infra/pizza-site-multi.conf into /etc/init/pizza-site-multi.conf:

**$ sudo cp infra/pizza-site-multi.conf /etc/init/pizza-site-multi.conf**

* 1. Starting up the pizza site:

**$ sudo servic pizza-site-multi start**

1. At this point, you should be able to access the site on port 80 with the machine's IP – enjoy!