

Lab activity: NAT Gateway.

Go to VPC → create a vpc :

Select VPC and moreName → Myecom vpc ☒ Auto generate

Tenancy → Dedicated

No. of Availability zones → 2
↓
customize

1a & 1b.

No. of subnet → 2

Public subnet CIDR block

① 10.0.0/24

② 10.0.0.2.0/24

Private

① 10.0.1.0/24

② 10.0.3.0/24

NAT gateway → in 1 AZ

Endpoint = none

Then create. → Then view VPC

Then go to EC2 instance in new tab

Launch instance

Name → ec2webserver

Application → ubuntu

Key pair → rocky

Edit network setting →

change default to myec2vpc

subnet → public 1.

Enable Auto assign public IP.

Add security group rule.

Type → HTTP

Source → 0.0.0.0/0.

Launch instance.

Then do the same thing to subnet

→ private 1 → Name observer

→ Don't allow this because it's private

→ Type → MySQL / Aurora

Source → 0.0.0.0/0.

Date ___ / ___ / ___

Terminal → paste the SSH command.

↓

change rocky.pem to labuser.pem

↓

qoback → exit

Step -i labuser.pem labuser.pem ubuntu@public IP address.

: /home/ubuntu/.

Go to db server copy private ip.

then ~~ls~~ this command

↓

ls.

ssh -i labuser.pem ubuntu@10.0.1.24
private IP.

Sudo apt-get install mysql-server php-mysql

sudo mysql -u root -p

create database ecommerce;

> Create user 'snis'@'%' identified by with mysql native password by 'snis@123';

> Grant All privileges on ecommerce.* to


```
'msis'@'./.';
```

```
exit
```

```
exit.
```

```
sudo sudo nano - /etc/mysql/mysql.conf.d/mysoldb.cnf
sudo systemctl restart mysql.
```

```
sudo apt-get update
```

```
sudo apt-get install apache2 libapache2-mod-php
php php-mysql mysql-client.
```

```
sudo git clone https://github.com/sreepathy801s/phpmysql-app.git.
```

```
sudo mkdir /var/www/html/e-commerce
```

```
cd phpmysql-app/.
```

```
cd php/online-shopping-system.
```

```
sudo cp -rf * /var/www/html/e-commerce/.
```

```
cd /var/www/html/e-commerce
```

```
ls.
```

```
cd database
```

Private IP
↑

```
sudo mysql -u msis -h 10.0.1.11 -P 3306 -p
```

```
use e-commerce;
```


~~id the final what come / database~~

use ecommerce

Source online shop.sql

sudo vi db.php

Private
↑

change server name = '10.0.1.1' "

username =

password =

db = 'ecommerce'

sudo systemctl restart apache2

copy public IP. End search

change

sudo vi /etc/apache2/sites-enabled/000-
default.conf