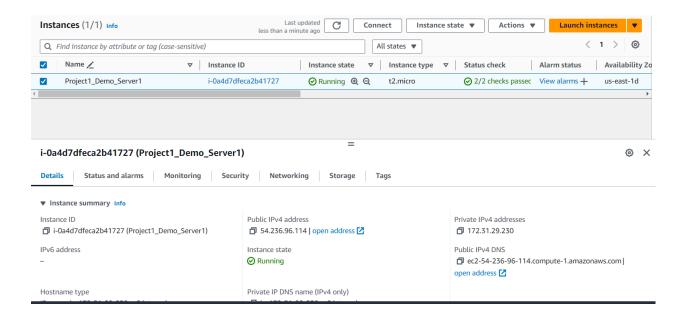
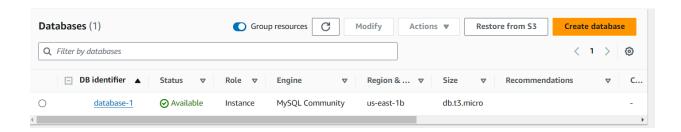
Project 1 - Deploying a Multi-Tier Website Using AWS EC2

1. EC2 Ubuntu Server:



2. RDS Database:



3. Instance connected, deleted html file and created PHP file:

```
Enabling site 000-default.

Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service - /usr/lib/systemd/system/apache2.service.

Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service - /usr/lib/systemd/system/apache-htcacheclean.service.

Processing triggers for ufw (0.36.2-6) ...

Processing triggers for libc-bin (2.12.0-dbuild2) ...

Scanning processes...

Scanning processes...

Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

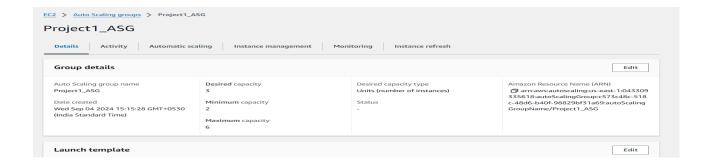
ubuntu@jp-172-31-29-230:/var/www/html$ is
index.html

ubuntu@jp-172-31-29-230:/var/www/html$ sudo rm index.html

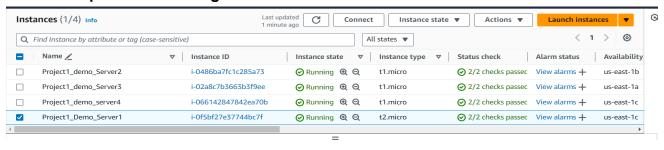
ubuntu@jp-172-31-29-230:/var/www/html$ sudo rm index.php

ubuntu@jp-172-31-29-230:/var/www/html$ sudo nano index.php
```

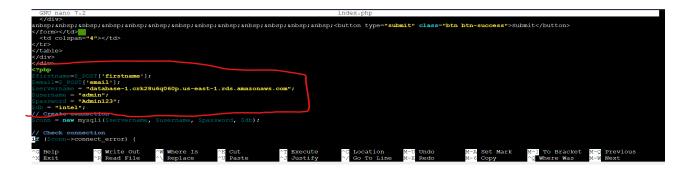
4. ASG Implemented with Image, template:



Multiple server through ASG



5. Changed Hostname in website:



- 6. Instance connected to RDS-Mysql database and table created and inserted value in it
 - a. EC2 connected to Mysql

```
Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

ubuntu@ip-172-31-88-230:-$ mysql -h database-1.crk28u6q060p.us-east-1.rds.amazonaws.c
Enter password:

Welcome to the MysQL monitor. Commands end with; or \g.

Your MysQL connection id is 33
Server version: 8.0.35 Source distribution

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affiliates. Other names may be trademarks of their respective

owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>

i-Of5bf27e37744bc7f (Project1_Demo_Server1)
```

b. Database

c. Data named table created and inserted value through website

```
mysql> create table intel.data(firstname varchar(30), email varchar(50));
Query OK, 0 rows affected (0.02 sec)
mysql> 
i-0f5bf27e37744bc7f (Project1_Demo_Server1)
```

d. Inserted through Website



e. Record Shown in Table: