Deploying Multi-Tier Website Using AWS EC2

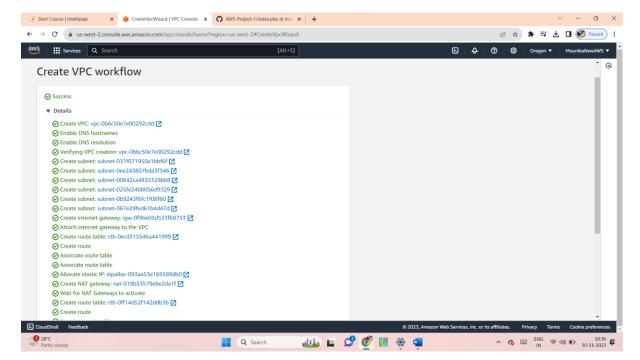
Deploying a PHPwebsite that receives data from the user and stores that data in

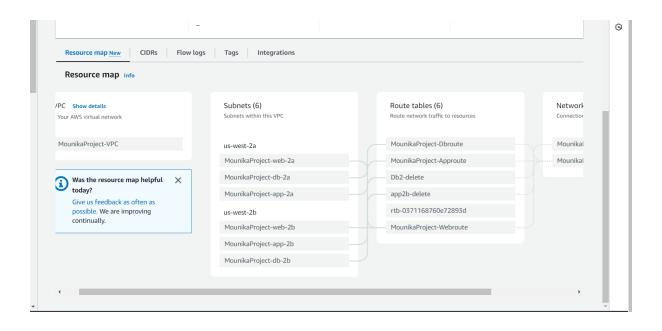
RDS MySQL Database. The entire architecture is scalable due to the Auto Scaling of servers and is highly available. Data Stored in RDS

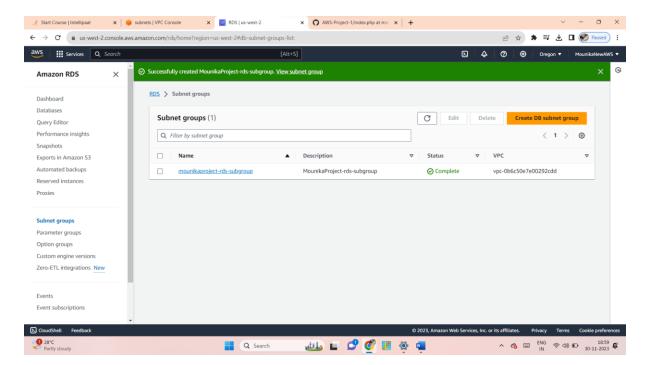
is highly secured, encrypted, and manages failover. It can only be accessed by an authorized database admin.

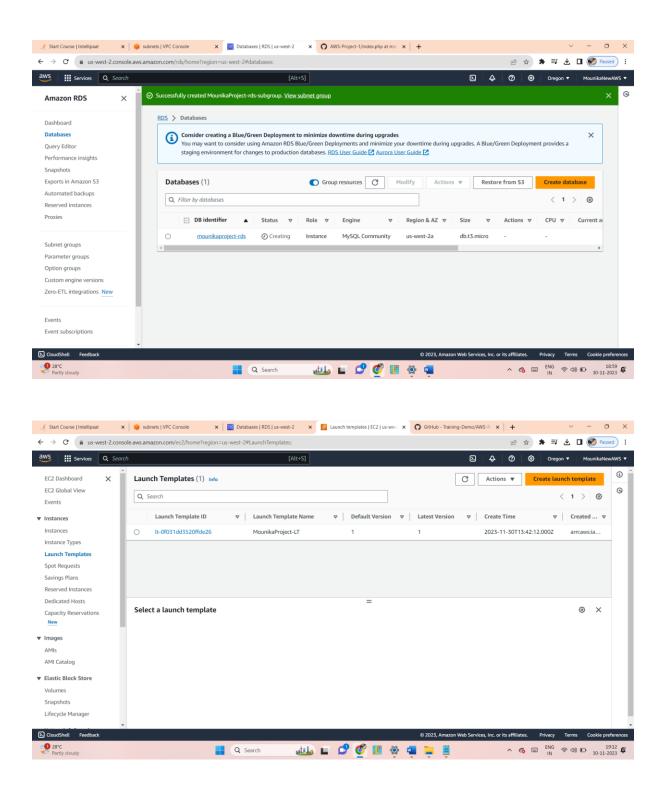
Solution

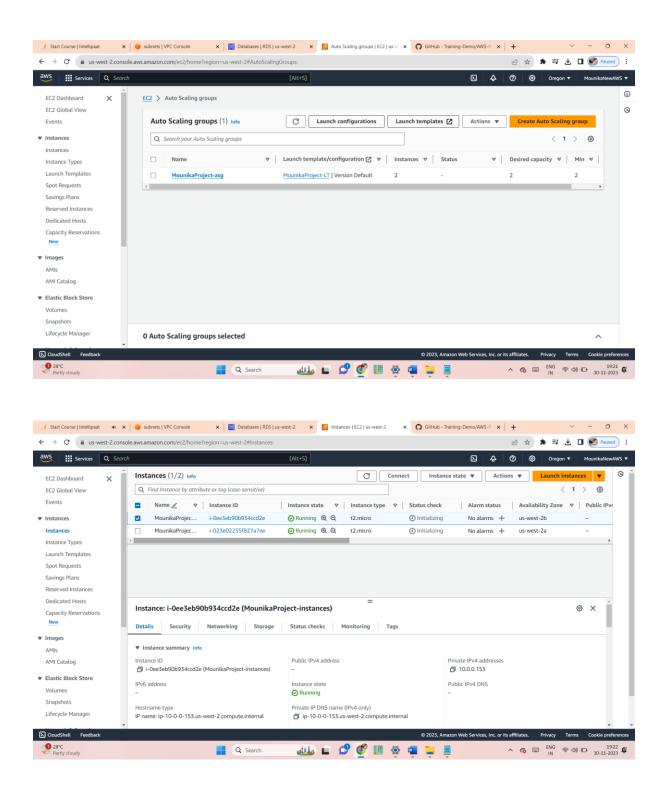
Creating a vpc at one go

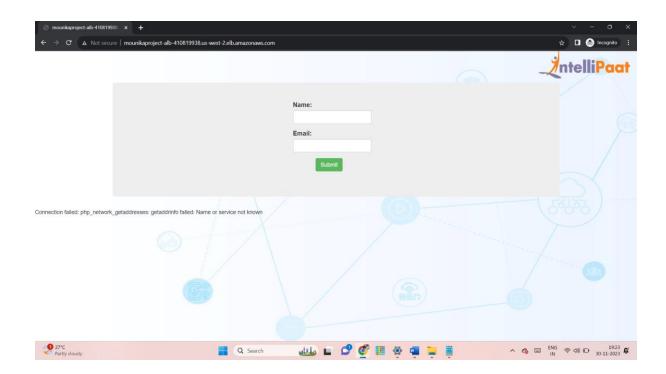




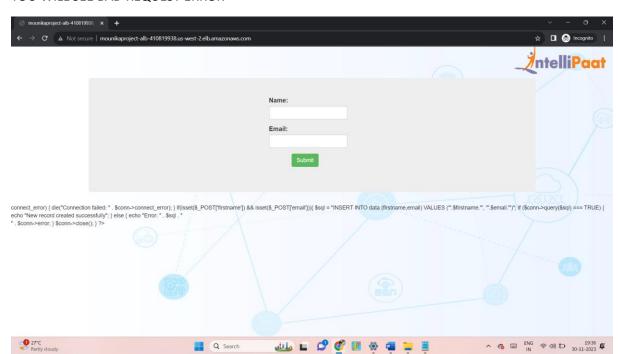


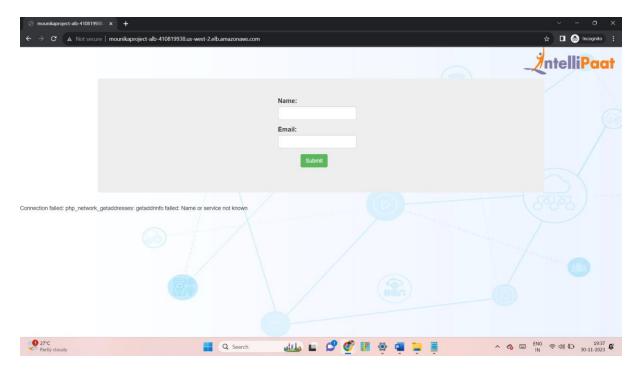




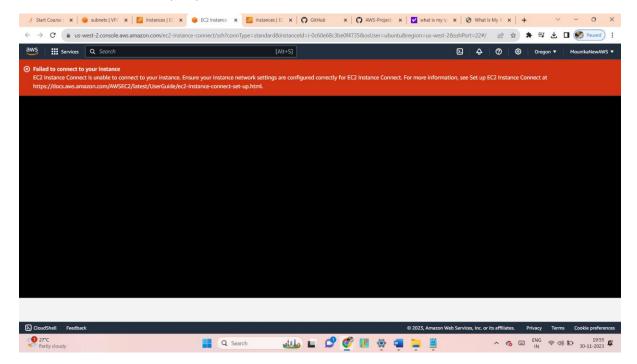


YOU WILL SEE BAD REQUEST ERROR

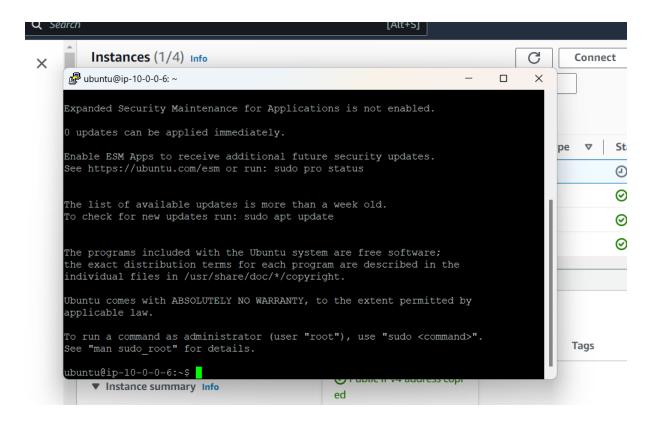




Not able to connect with putty



I was able to connect to putty



```
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-10-0-6:~$ mysql -h mounikaproject-rds.cxi2g2gwptjv.us-west-2.rds.amazonaws.com -u admin -p
Enter password:

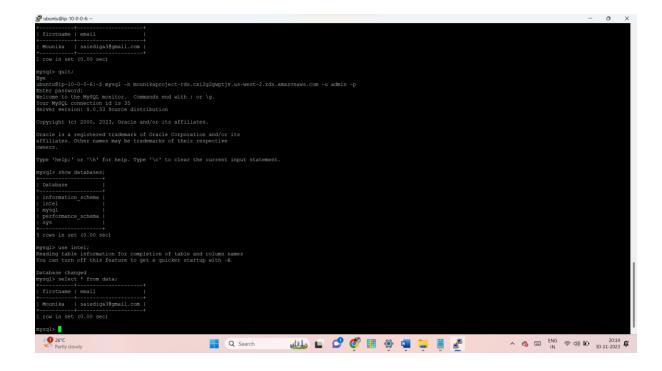
Welcome to the MysQL monitor. Commands end with ; or \g.
Your MysQL connection id is 32
Server version: 8.0.33 Source distribution

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owners.

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

mysql>
```



Until now we are secure with db tier, app tier is not secure

```
Bye
ubuntu8[p-10-0-0-6:-$ curl MounikaProject-alb-410819938.us-west-2.elb.mazonaws.com-
curl: (6) Could not resolve host: MounikaProject-alb-410819938.us-west-2.elb.mazonaws.com-
ubuntu8[p-10-0-0-6:-$ curl MounikaProject-alb-410819938.us-west-2.elb.mazonaws.com-
cutnl>

clink rel="stylesheet" href="https://maxon.bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com/bootstrapch.com
```

```
ubuntu#ip-10-0-0-6:-$ curl 10.0.0.153

chtml>

chtml>
chtml>
chtml rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
chody background="images/2.png" style="background-repeat:no-repeat:
background-size: 1004 1004">
chtml rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
chody background="images/2.png" style="background-repeat:no-repeat:
distyless="container">
cdiv class="container">
cdiv class="container">
cdiv class="grid" cellspacing="0">
cdiv class="grid" cellspacing="0">
ctr>
ctr>
ctr>
ctr>
ctronspace hosp; shobp; shobp
```

After creating a security group and attached to our ALB

You cannot the see the configured data over there, even with private ip of instance and endpoint of alb

