Name - Ch.Geethanjali

Batch - 119(7am) Phone - 6303766345

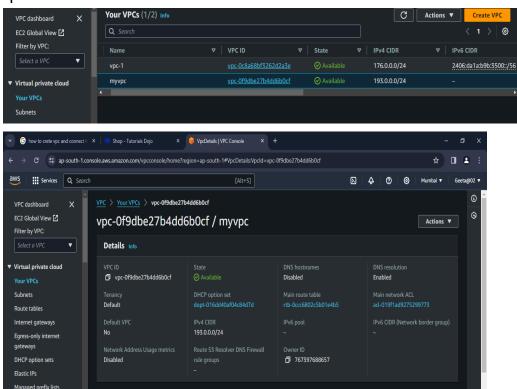
Email - geethanjalichellaboina09@gmail.com

Topic - create a vpc attach to lambda and then attach the lambda to database.

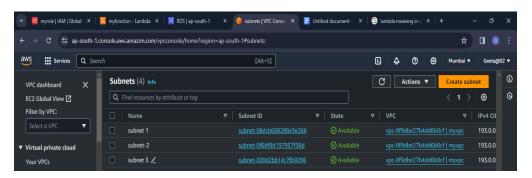
Lambda - Lambda is a serverless, event driven compute service that lets you run your code for virtually any type of application or backend service without provisioning or managing service.

Process:

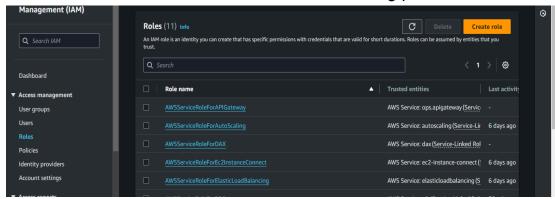
1. Create a vpc with 3 subnets in three availability zones. And also we need to create routes internet gateway since all together forms a vpc.



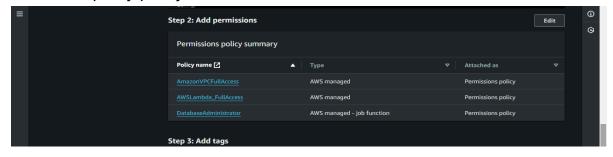
Vpc is created with the name my vpc.



2. Then we will create an IAM role with the following permissions:

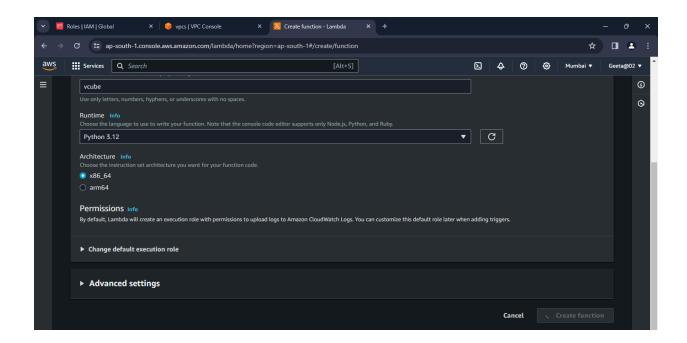


Vpc full access
Lambdafullaccess
Databaseadministrator access
Rds proxy policy access.

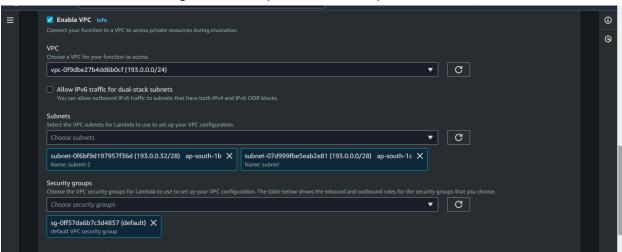


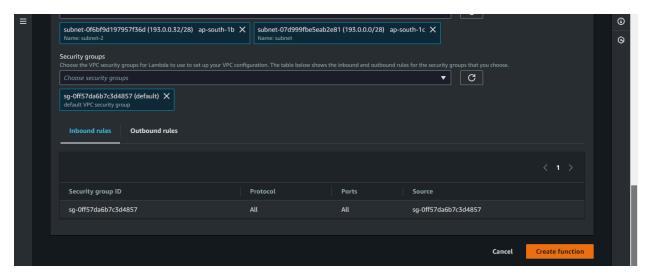
3. Now we need to search for lambda and create a function



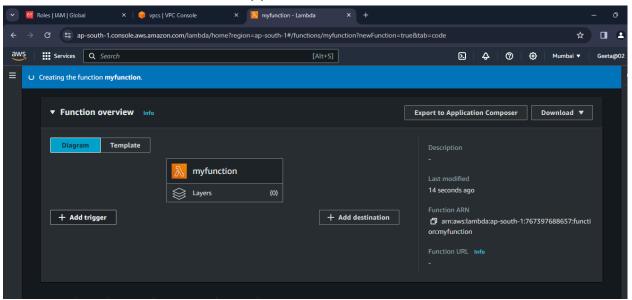


.Add in additional settings enable vpc and enter vpc details.

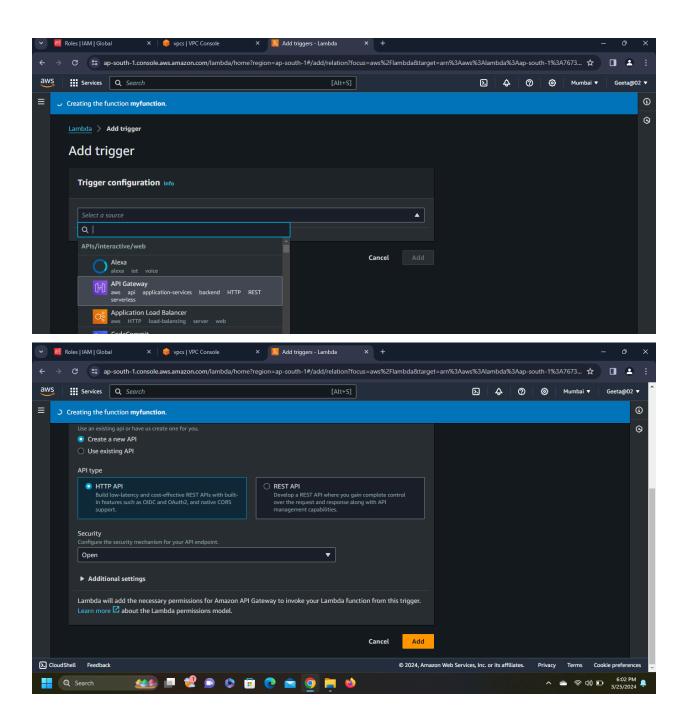


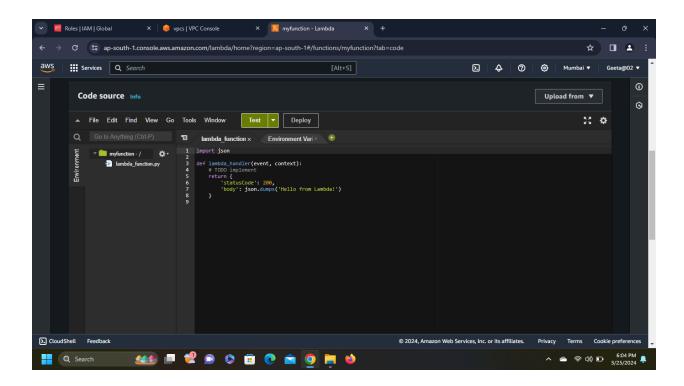


Then click on create function. It appears as follows:

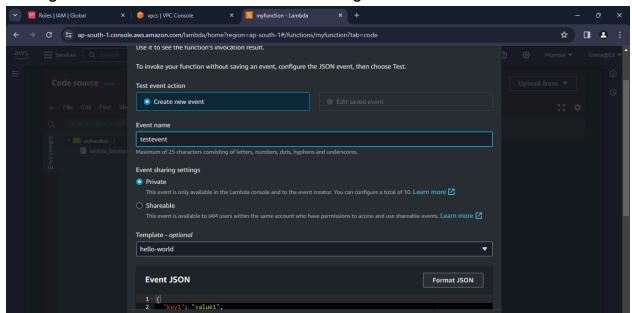


Then add trigger -choose API gateway

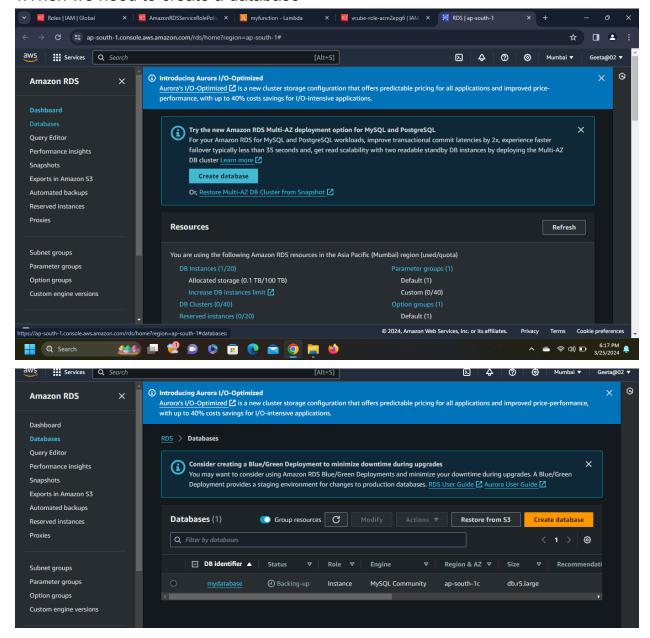




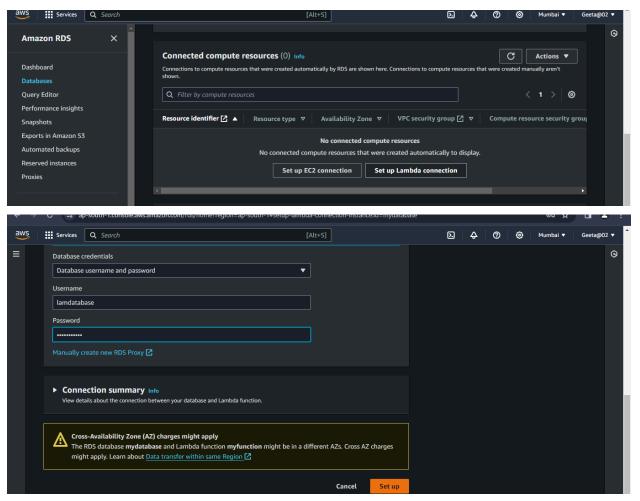
Then go to test and add name and save changes.



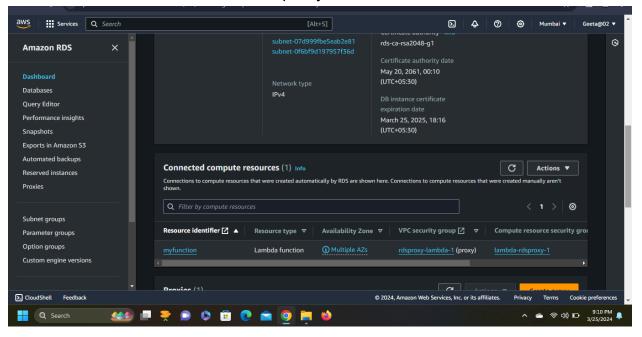
4. Then we need to create a database



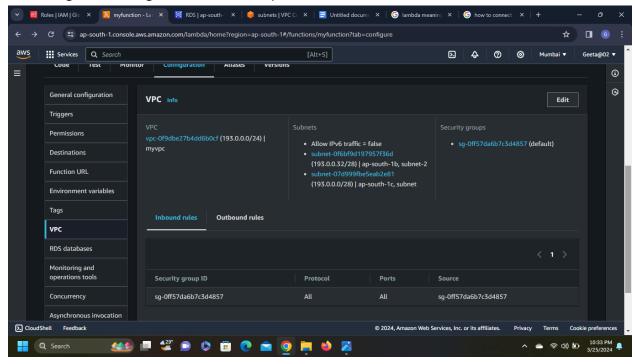
5..Set up lambda function using rds proxy.Here we use the created my function to set up with database.



Now lambda function is set with rds proxy



6. Then go to configuration check vpc.



7. Then go check for rds connections you can see the created database

