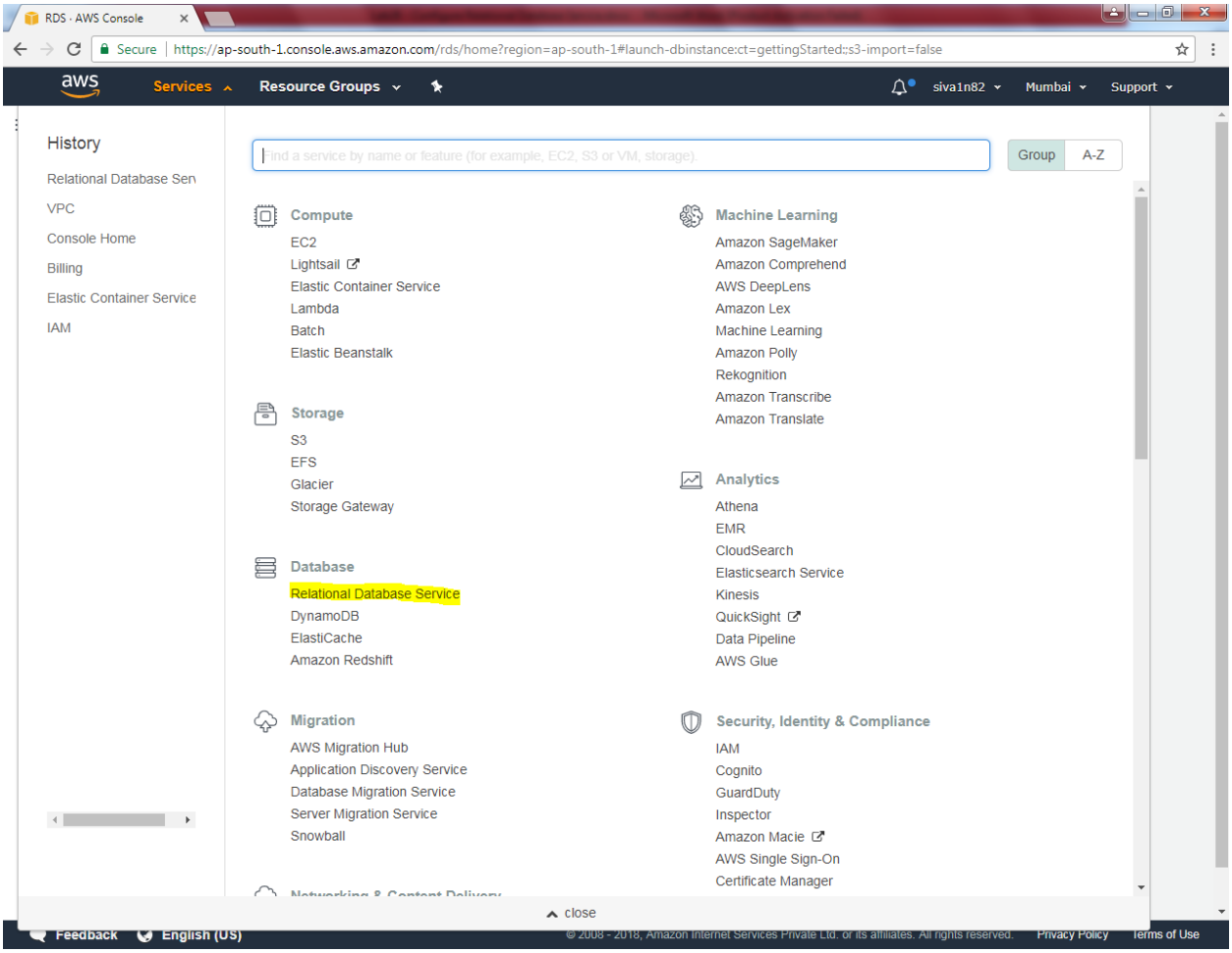
Lab 28

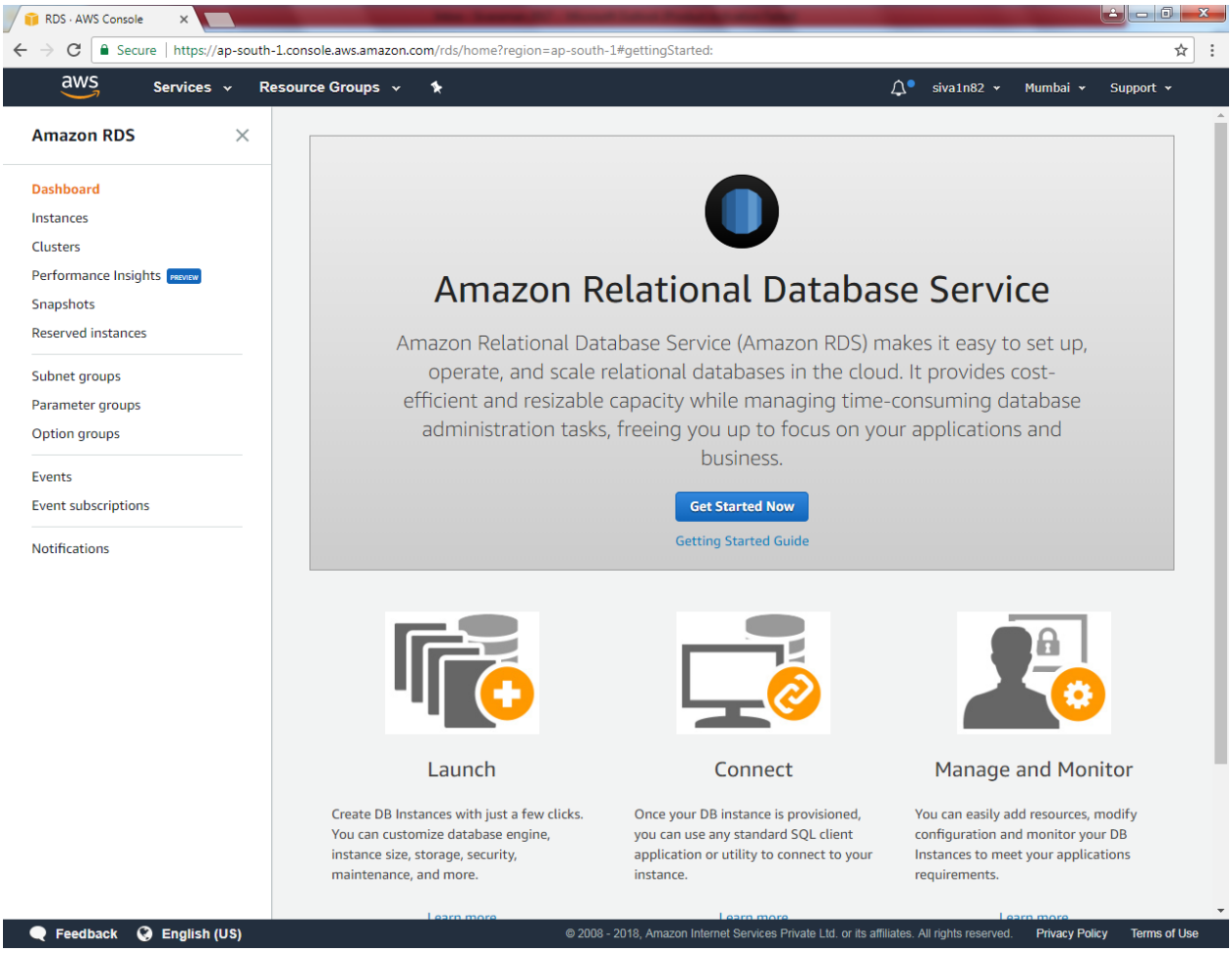
Configuring Relational database service (RDS)

Note: You will select only t2.micro instance type in this scenario. Otherwise charges will be applicable.

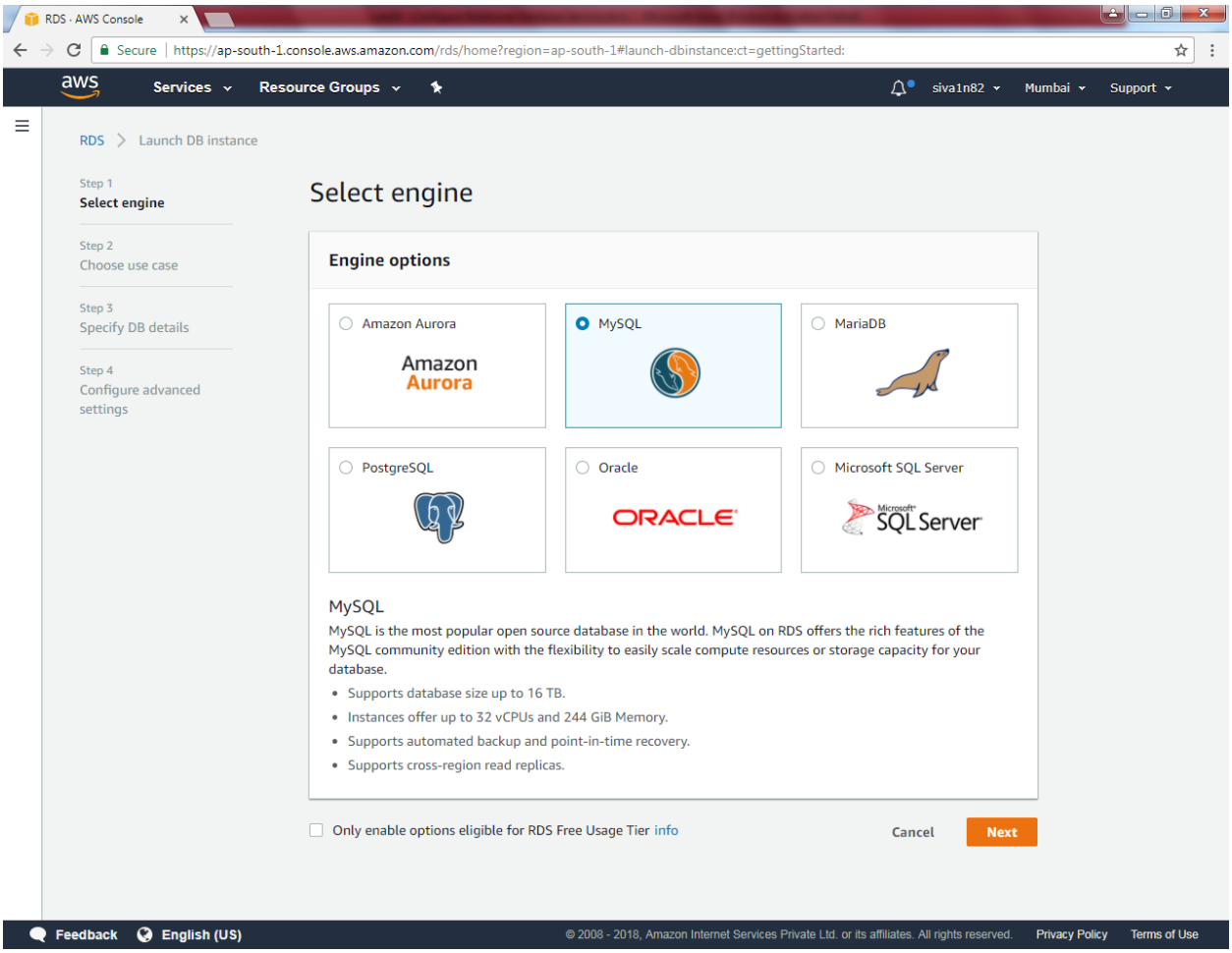
Click “Relational Database service”.



Click “Get started now”.



Click “MySql”.


RDS · AWS Console
Secure | https://ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#launch-dbinstance:ct=gettingStarted:
aws
Services
Resource Groups
siva1n82
Mumbai
Support
RDS > Launch DB instance
Step 1
Select engine
Step 2
Choose use case
Step 3
Specify DB details
Step 4
Configure advanced settings
Select engine
Engine options
Amazon Aurora
MySQL
MariaDB
PostgreSQL
Oracle
Microsoft SQL Server
MySQL
MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.
Supports database size up to 16 TB.
Instances offer up to 32 vCPUs and 244 GiB Memory.
Supports automated backup and point-in-time recovery.
Supports cross-region read replicas.
Only enable options eligible for RDS Free Usage Tier info
Cancel
Next
Feedback
English (US)
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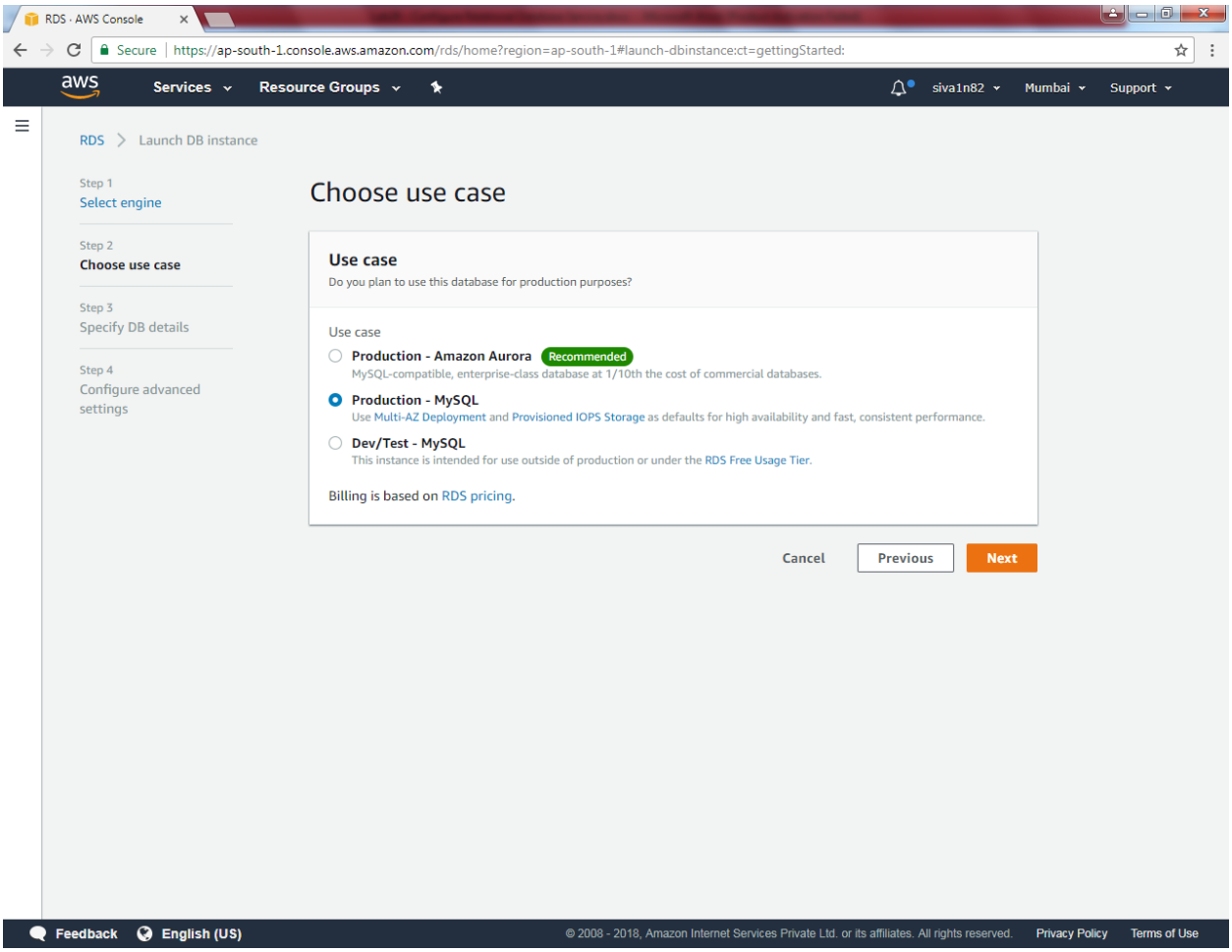
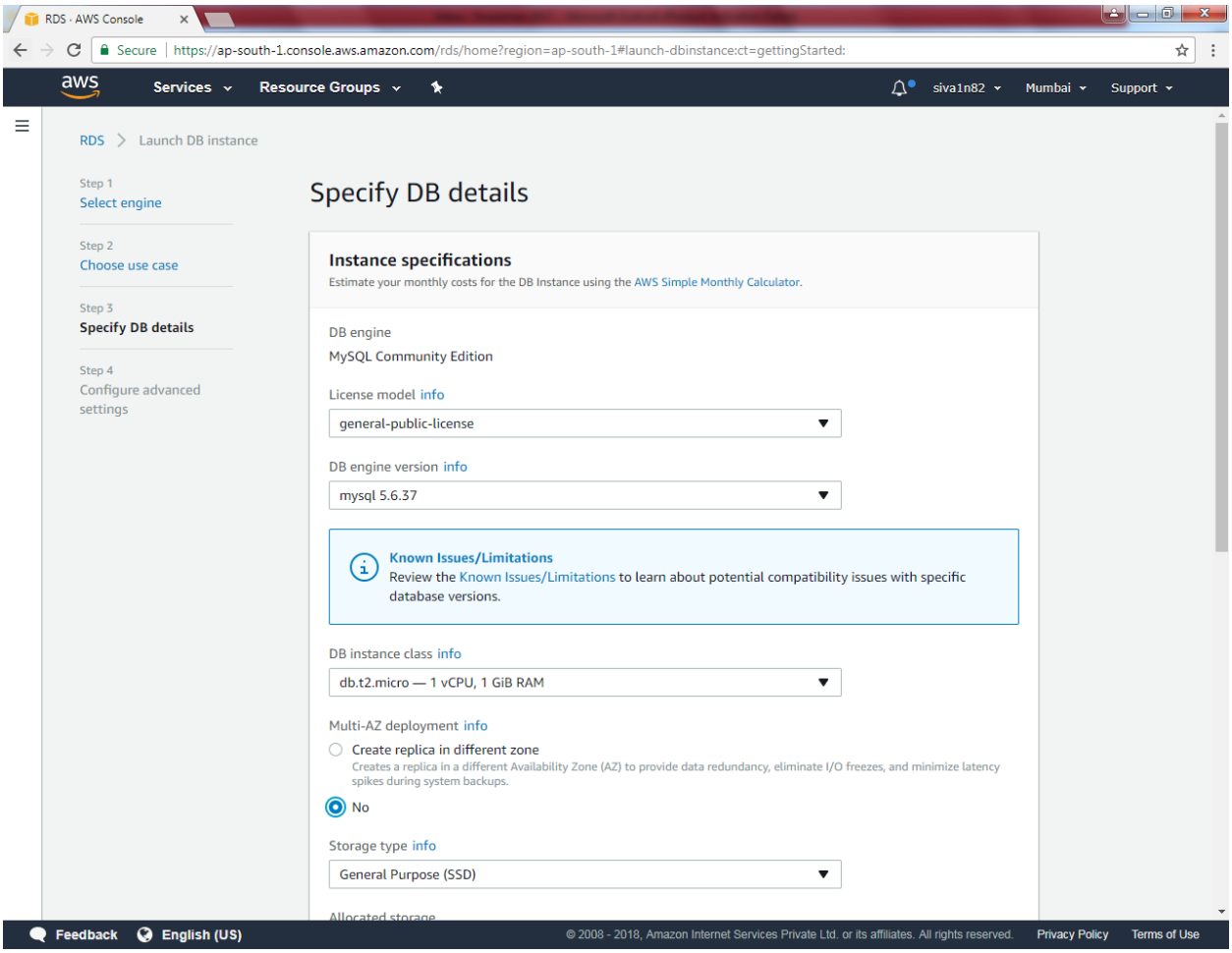
Terms of Use

Select " Production – MySQL"



Click "Next".

Leave mysql version by default.



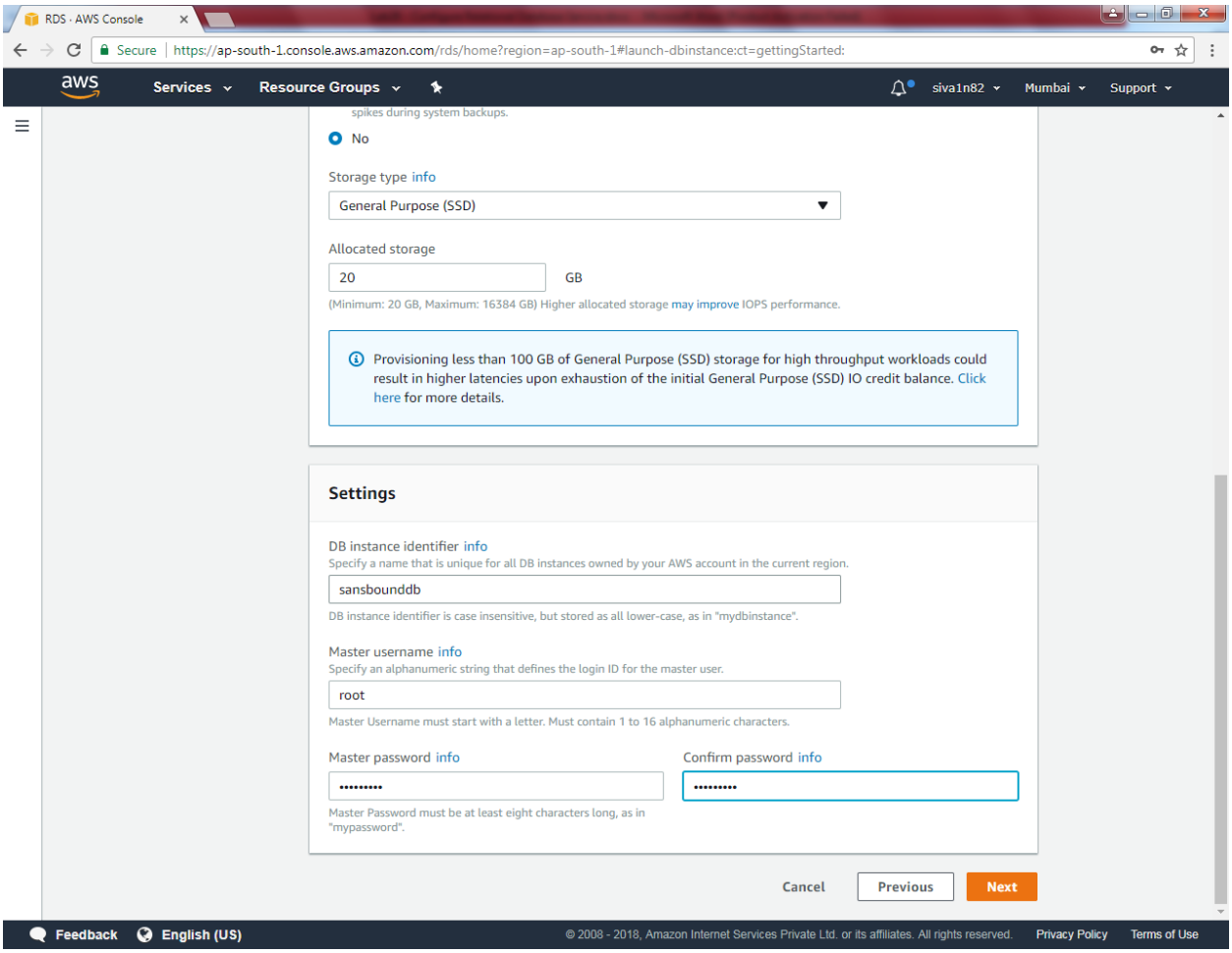
Select “t2.micro” otherwise charges will be applicable

Scroll down

Type DB instance name as sansbounddb

Master username: root

Master password:



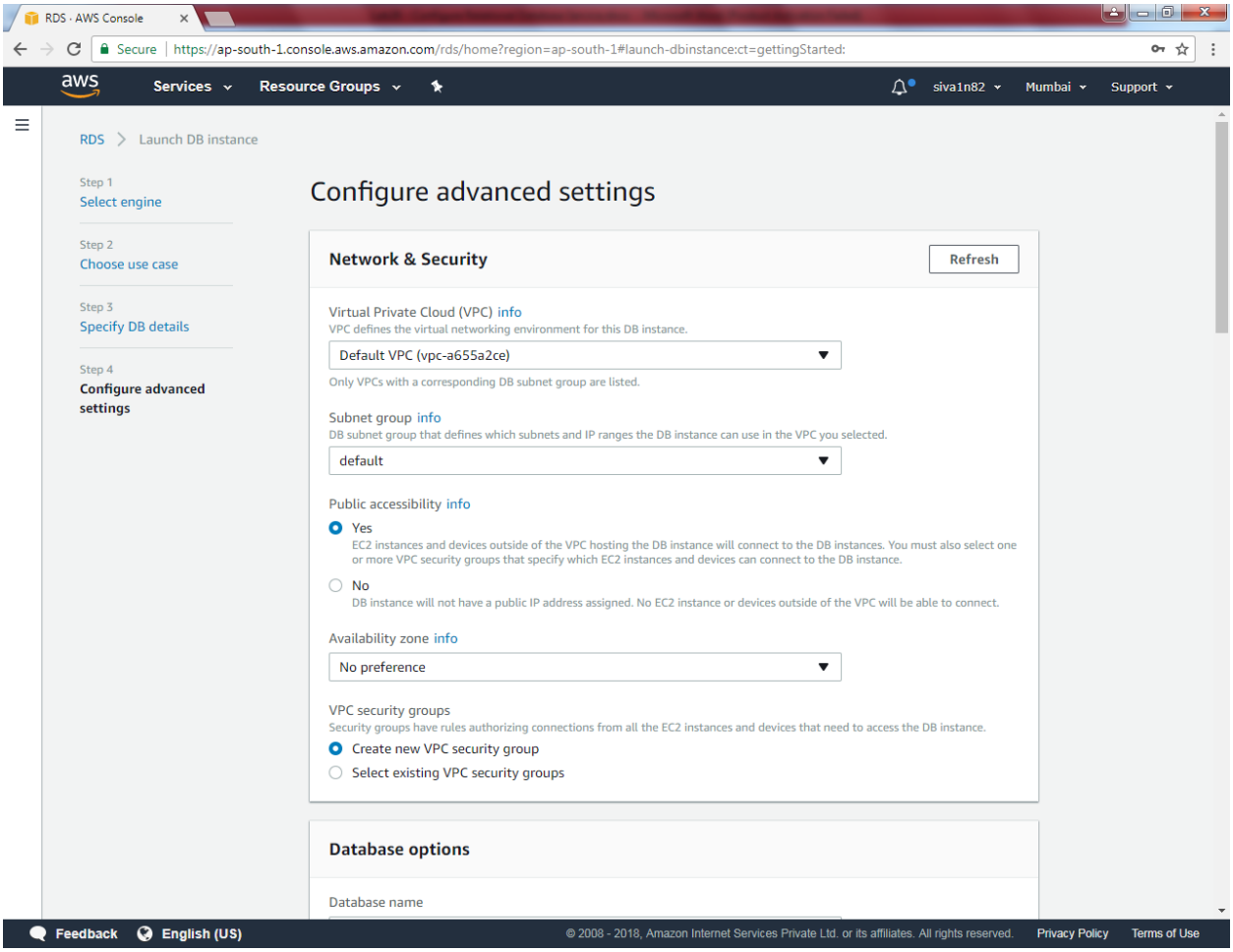
Click “Next”.

Select VPC as default VPC

Subnet as Default subnet

Public accessibility : Yes

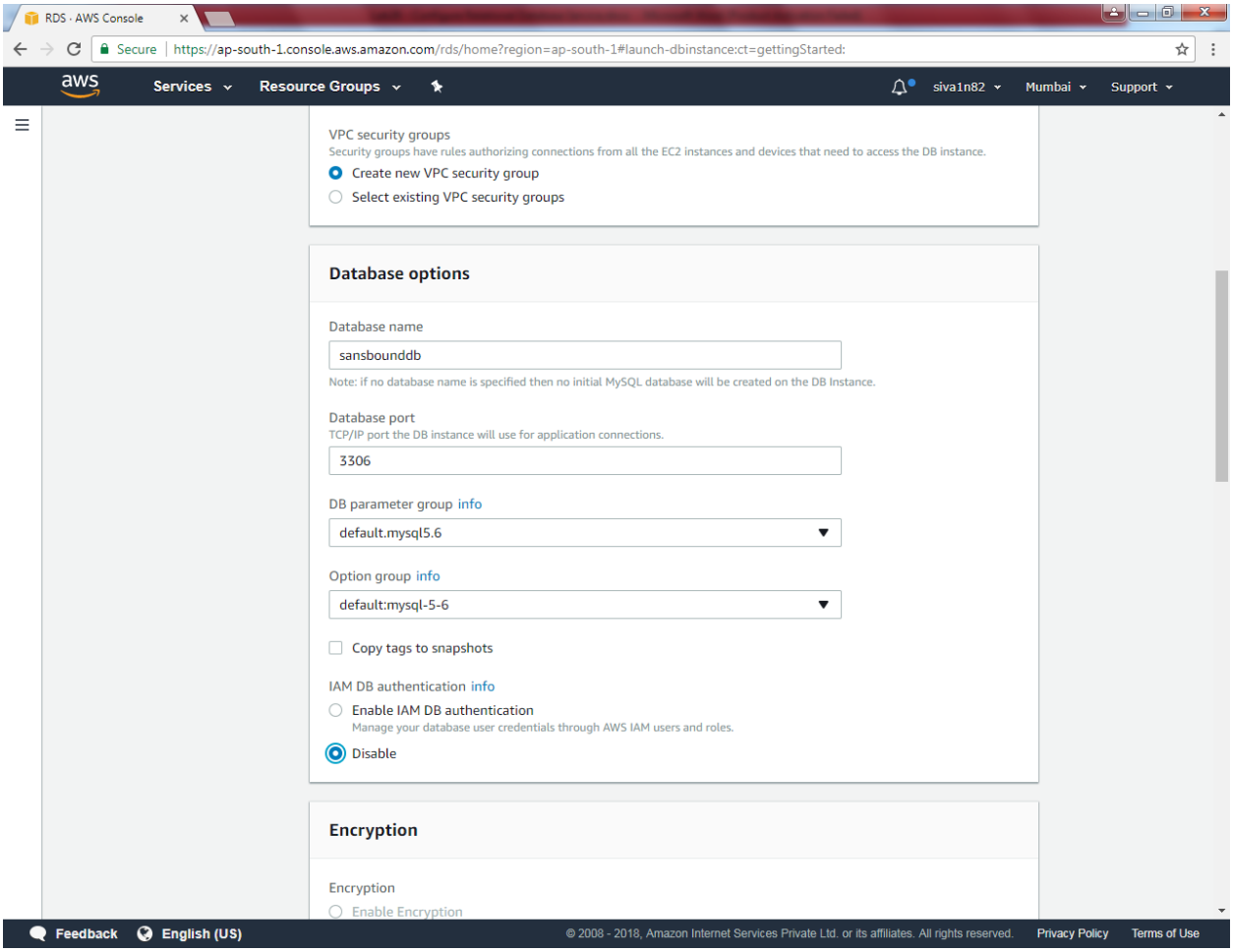
Create a new security Group



Scroll down

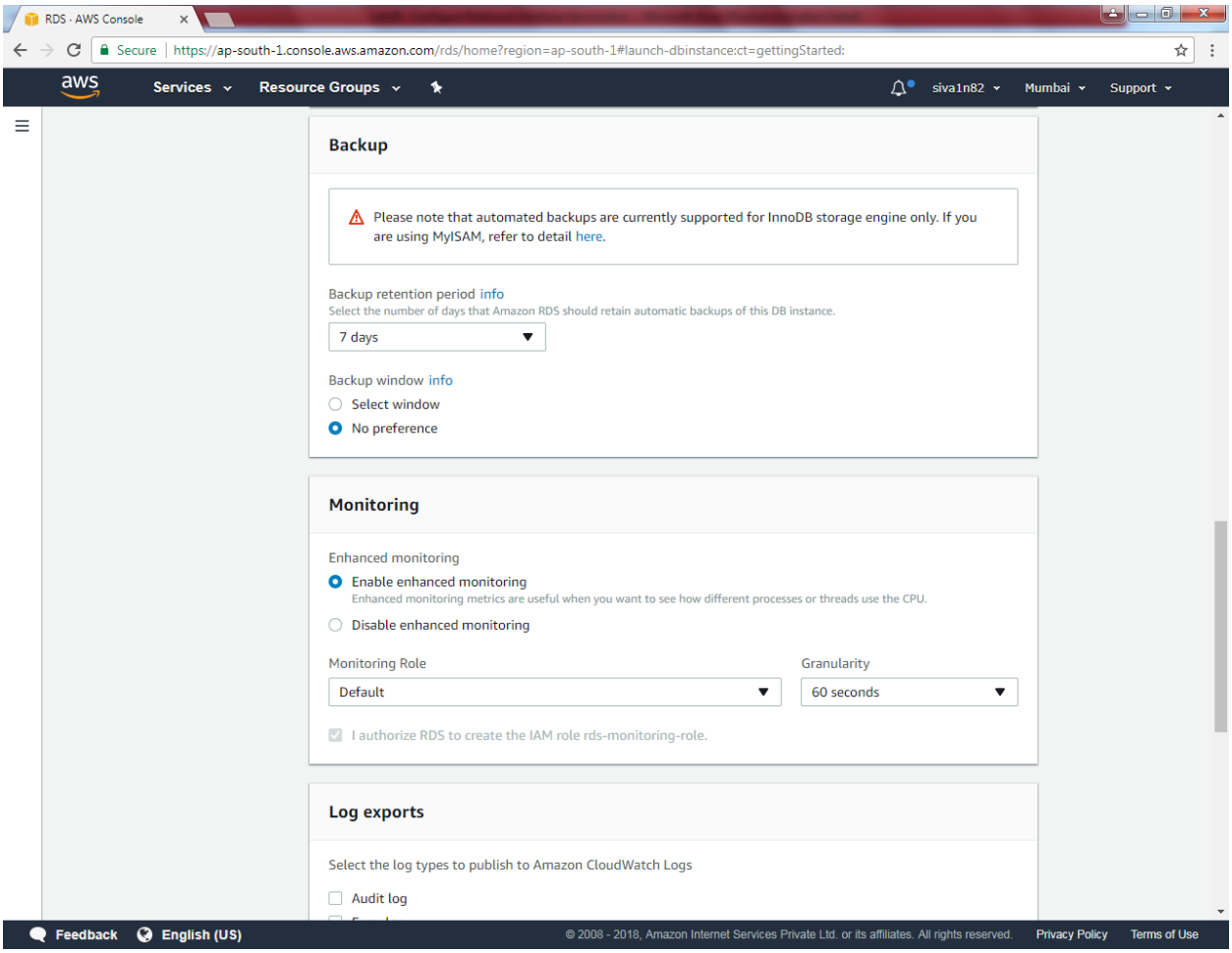
Database options

Dbname: Sansbounddb

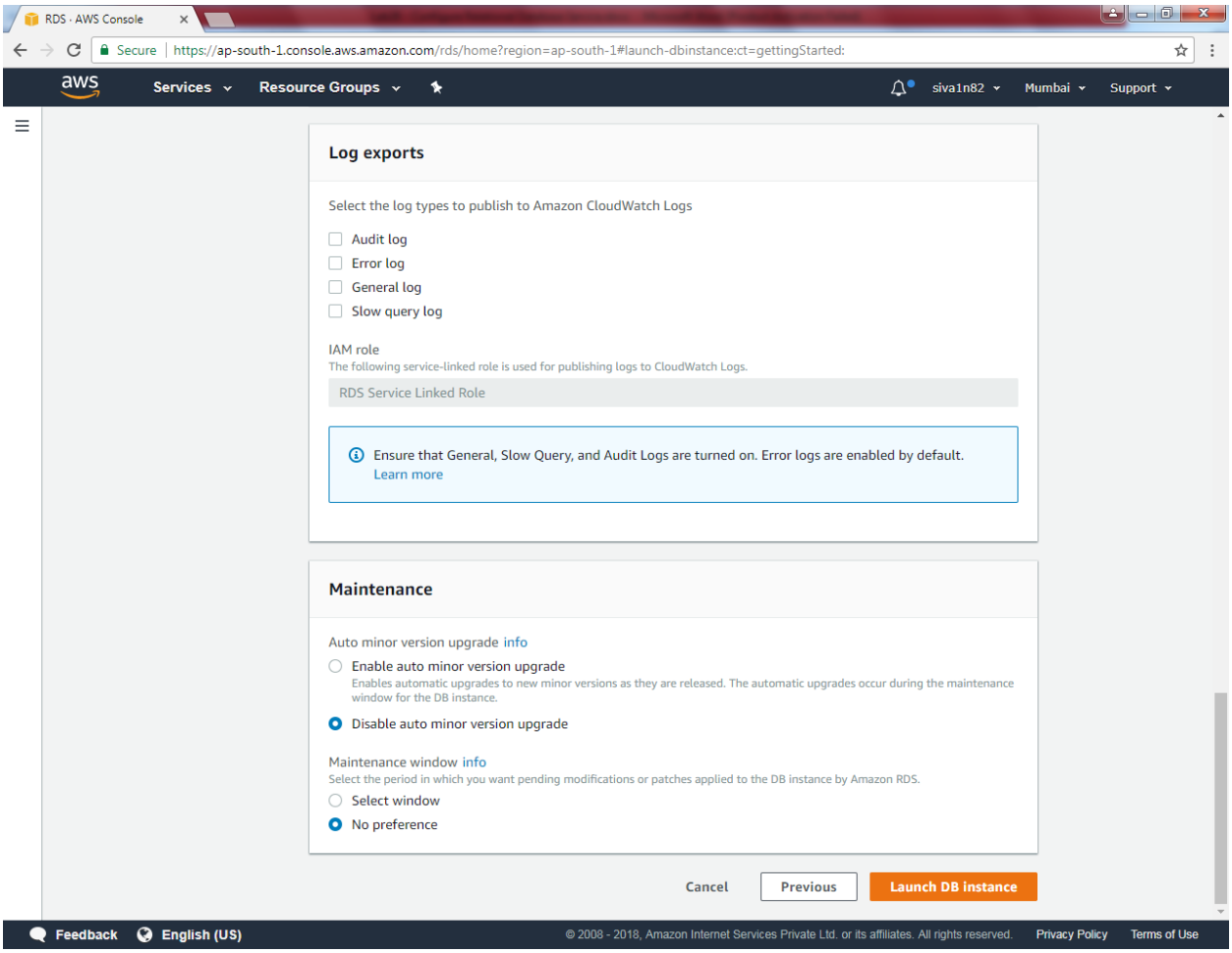


Scroll down

Backup 7 days

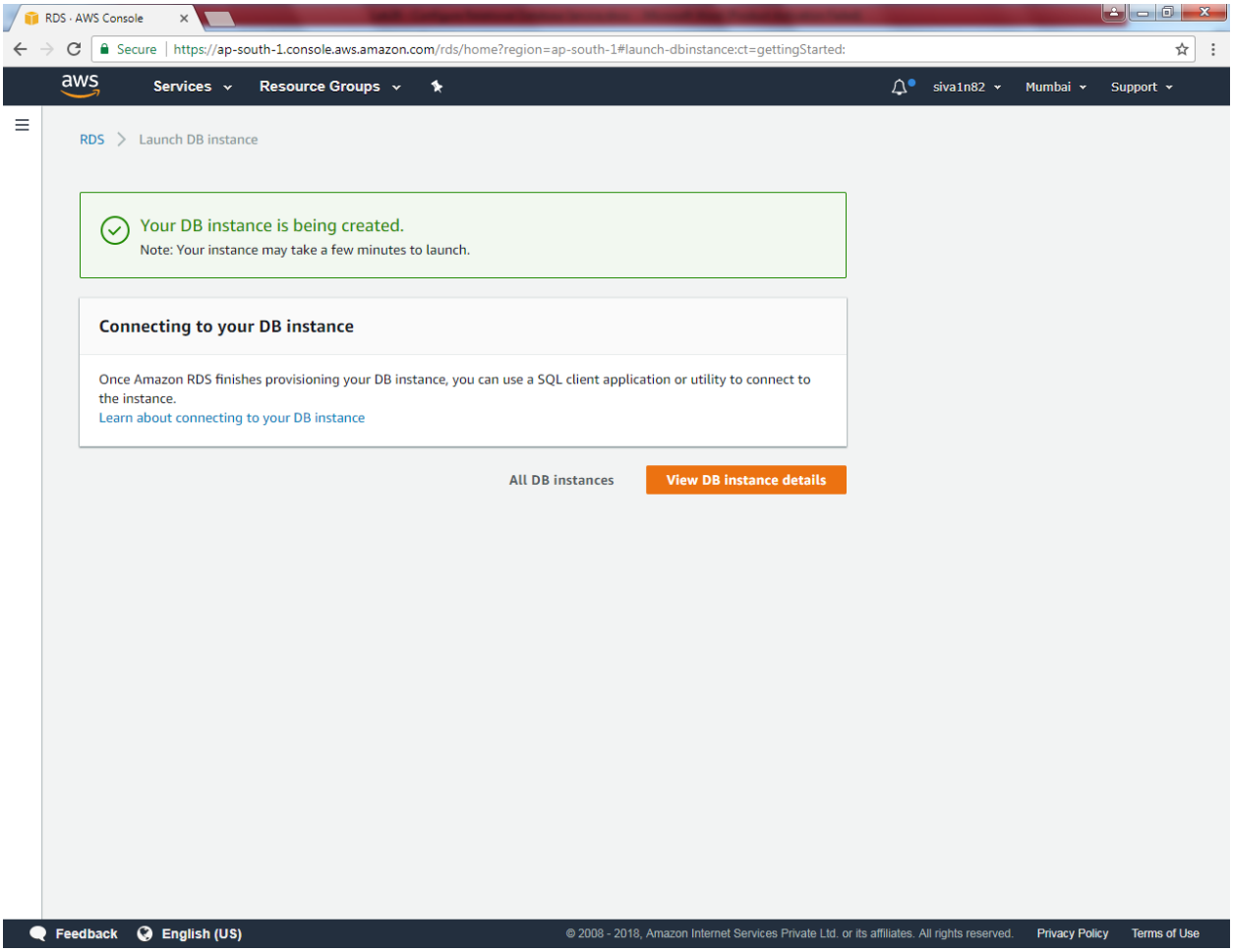


Scroll down.

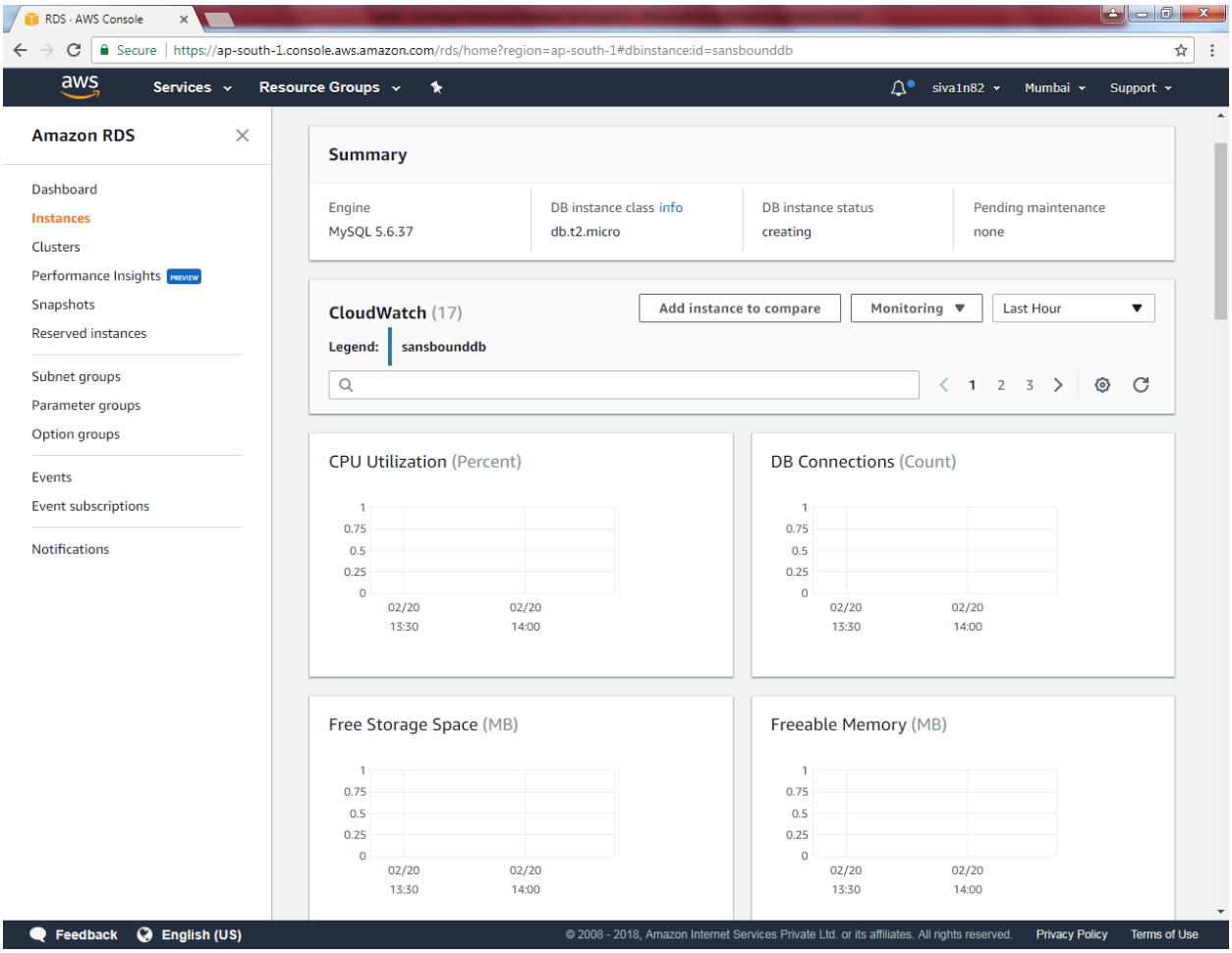


Click “Launch DB Instance”.

You have got a message that Your DB instance is being created.



Click “View DB instance details”.


RDS - AWS Console
Secure | https://ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#dbinstance:id=sansbounddb
aws
Services
Resource Groups
siva1n82
Mumbai
Support
Amazon RDS
Dashboard
Instances
Clusters
Performance Insights
Snapshots
Reserved instances
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Notifications
Summary
Engine
MySQL 5.6.37
DB instance class info
db.t2.micro
DB instance status
creating
Pending maintenance
none
CloudWatch (17)
Add instance to compare
Monitoring
Last Hour
Legend:
sansbounddb
1 2 3
CPU Utilization (Percent)
DB Connections (Count)
Free Storage Space (MB)
Freeable Memory (MB)
1
0.75
0.5
0.25
0
02/20
13:30
02/20
14:00
Feedback
English (US)
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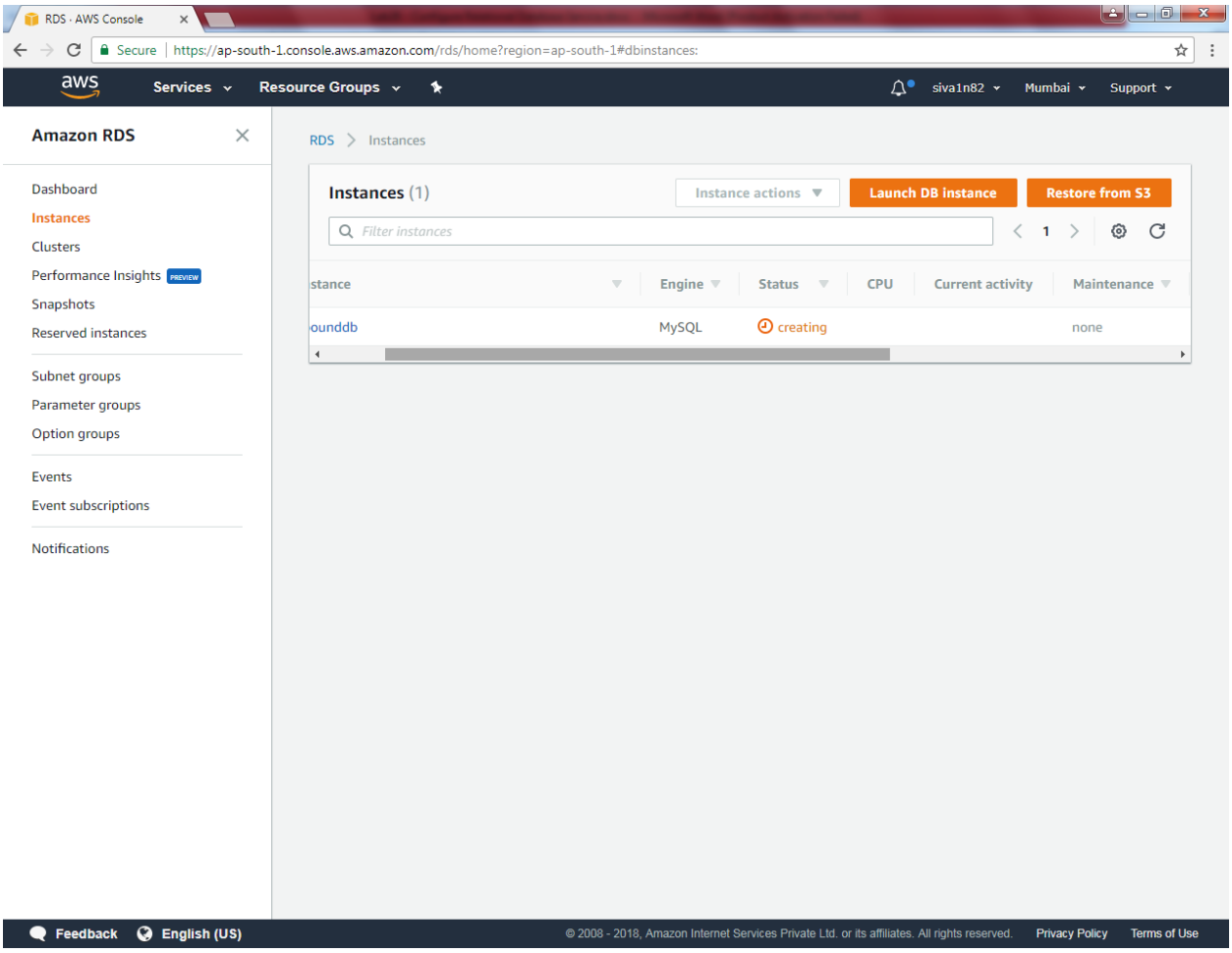
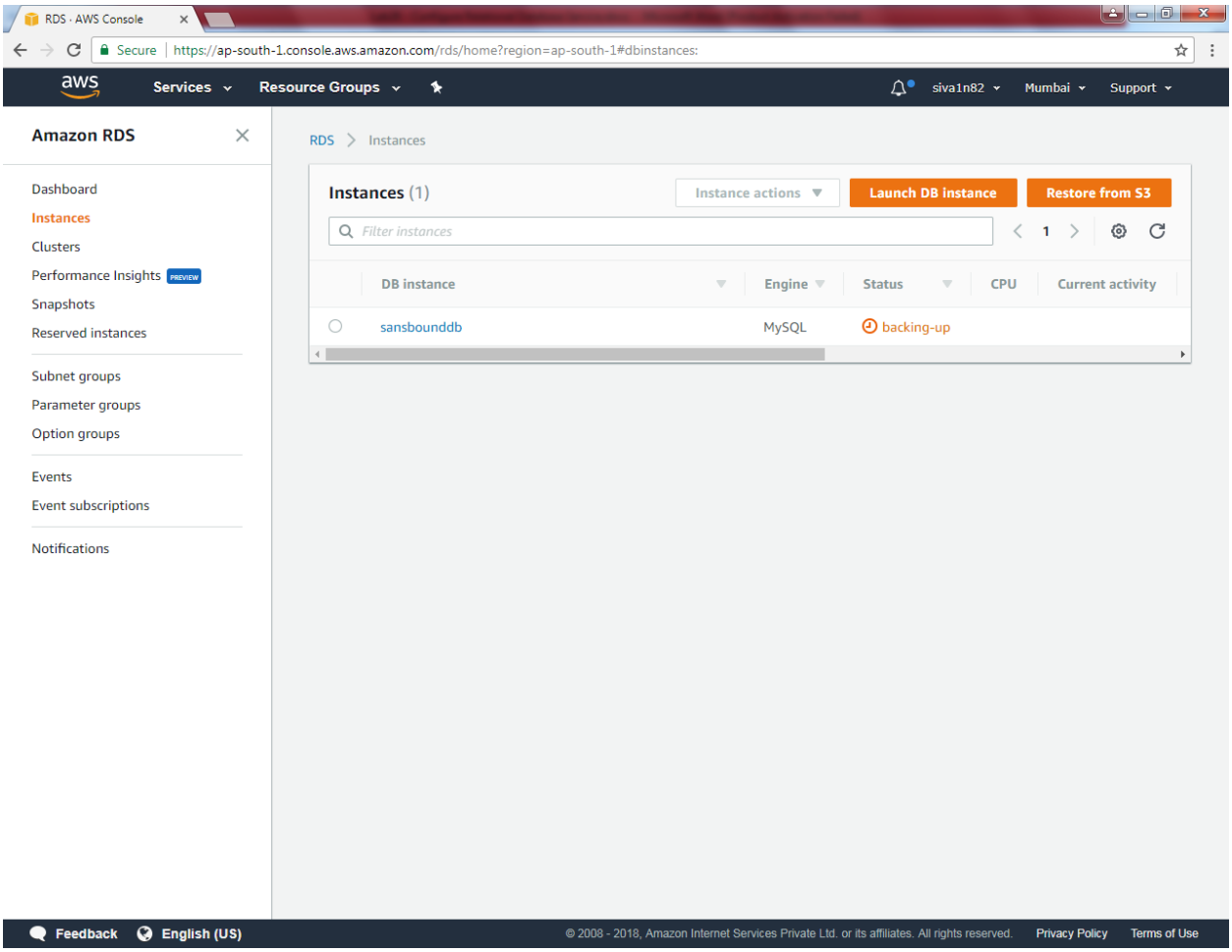
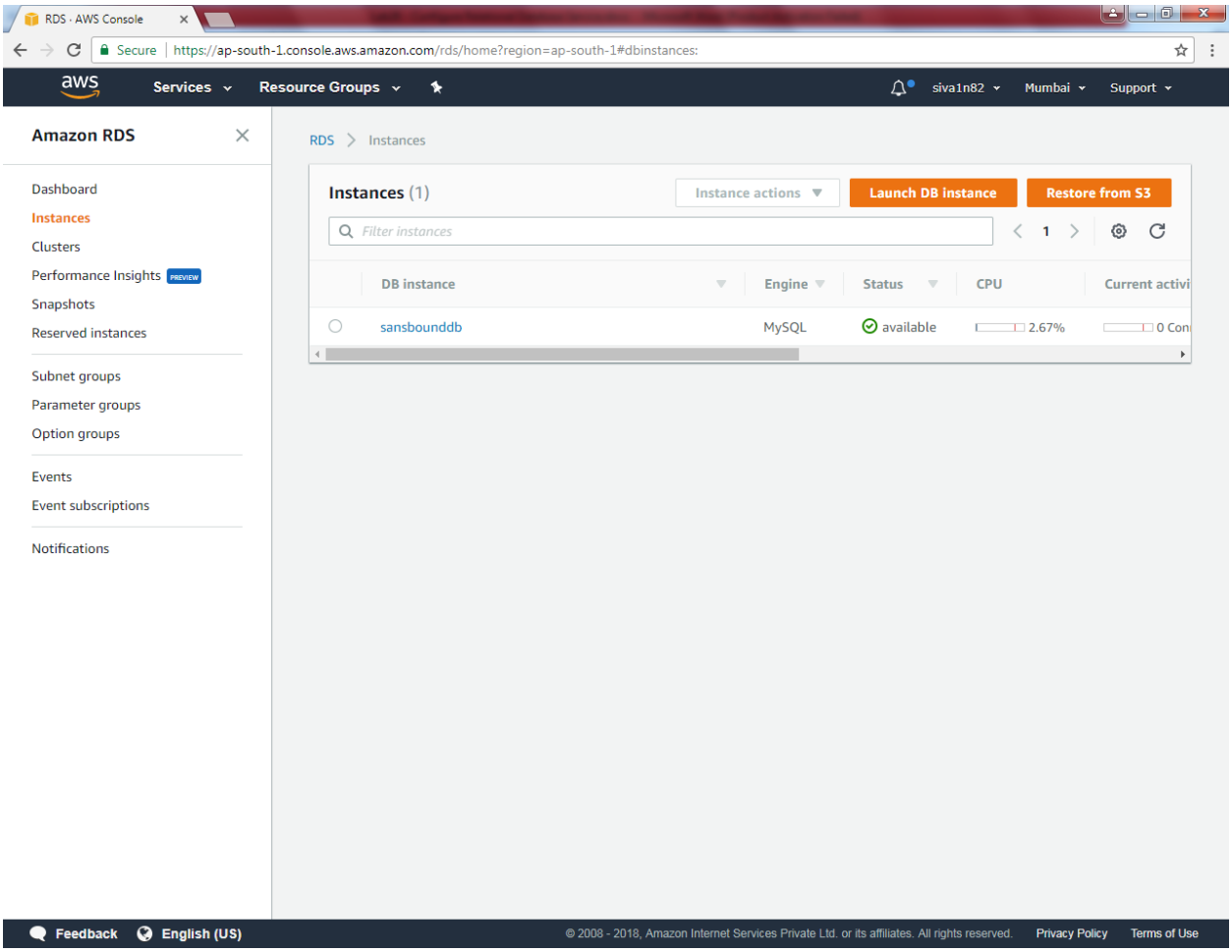
You can able to see that instance is getting created.



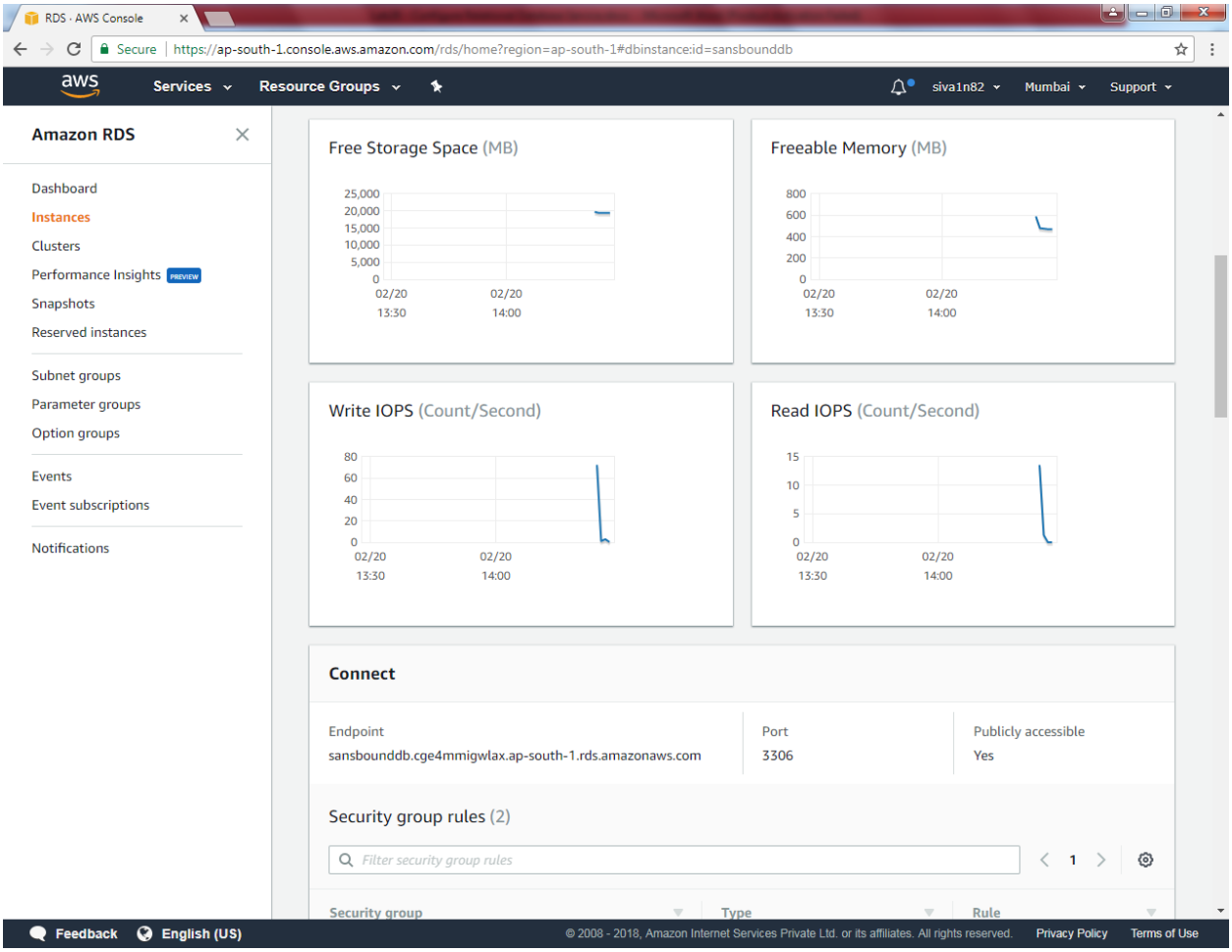
Now instance is taking backup.



Now instance is available.



Please find the URL of Endpoint as below. Kindly use the endpoint URL in MY workbench and using port details to connect.



You can able to see the security group details as below.