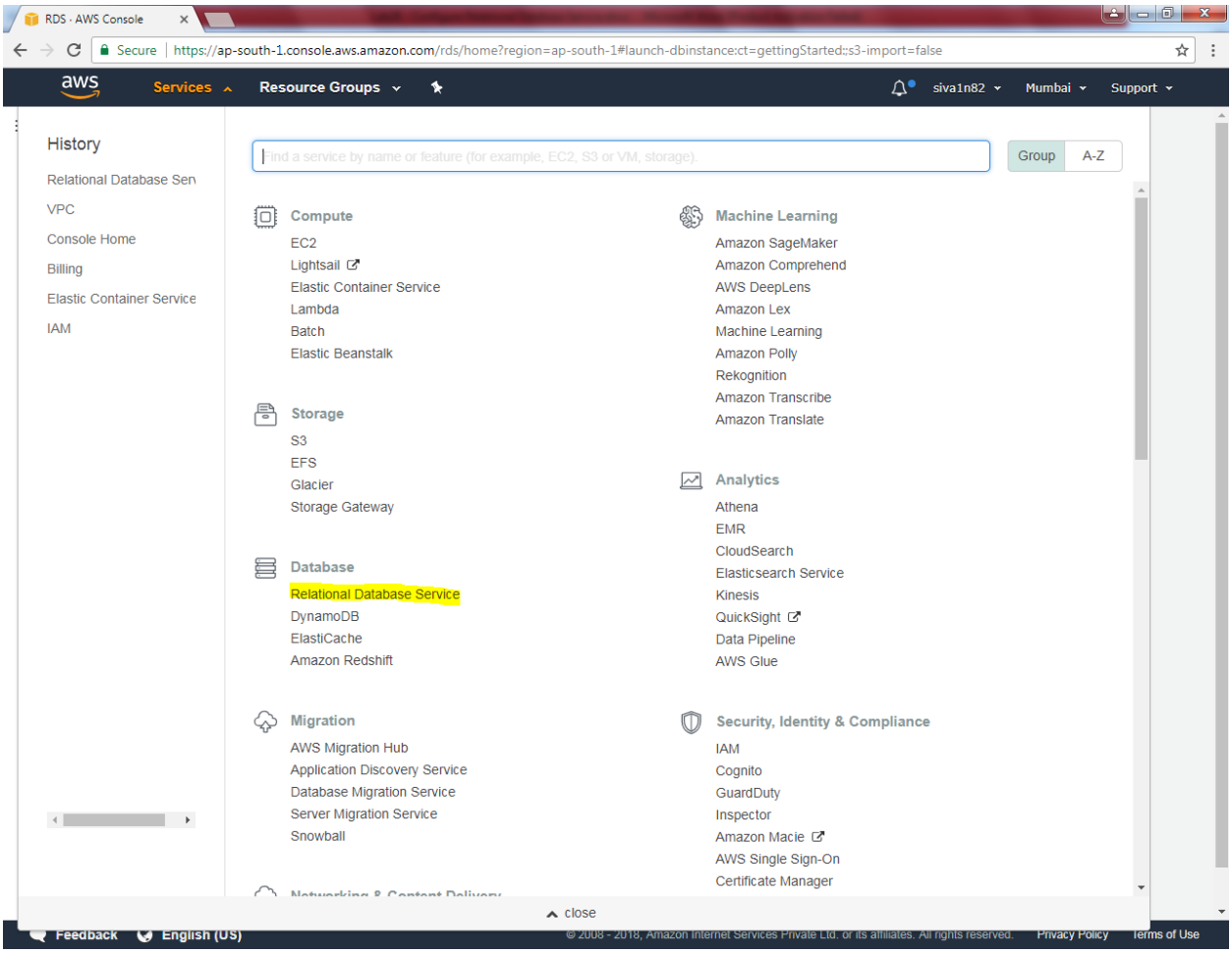
Lab 28

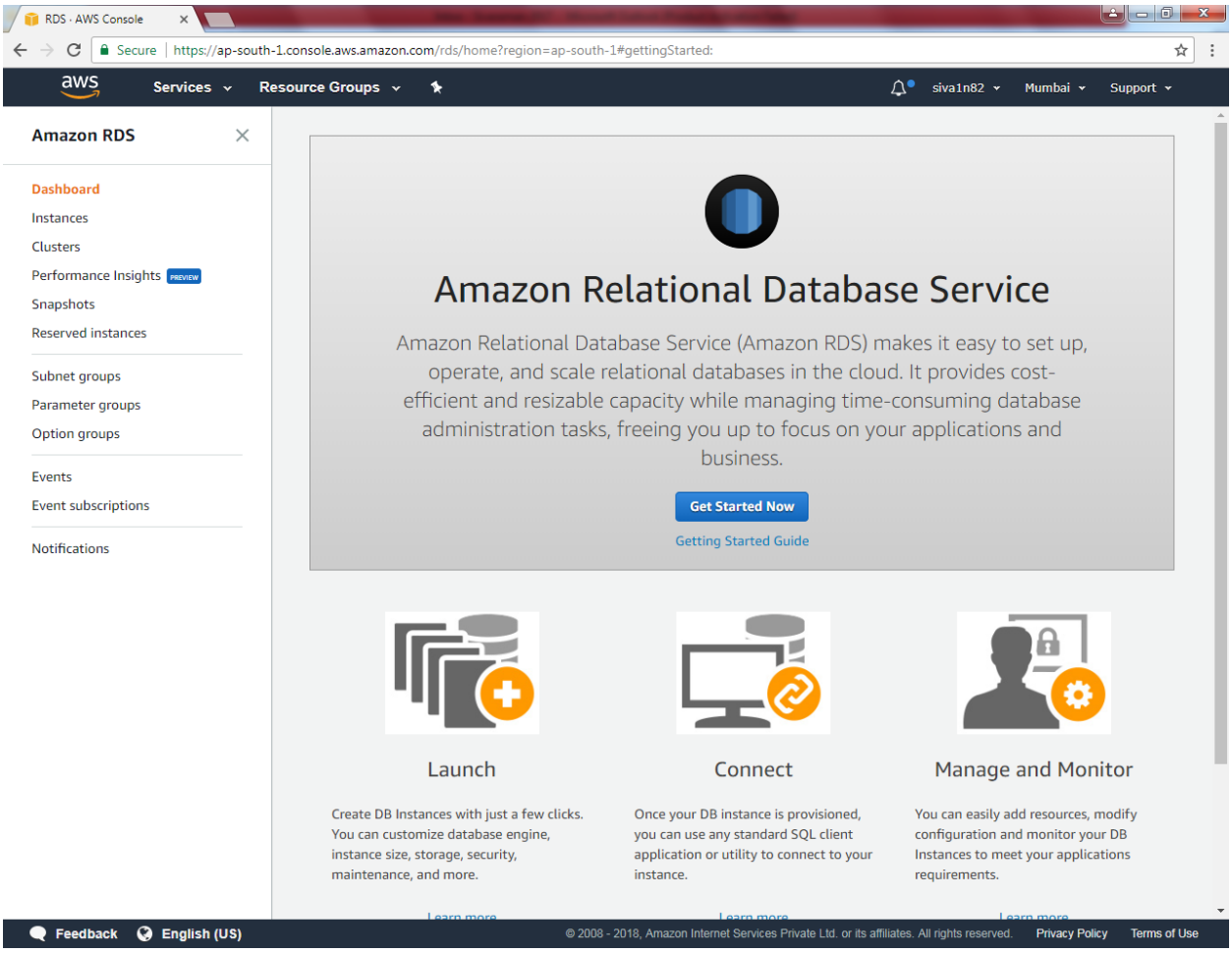
Configuring Relational database service (RDS)

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

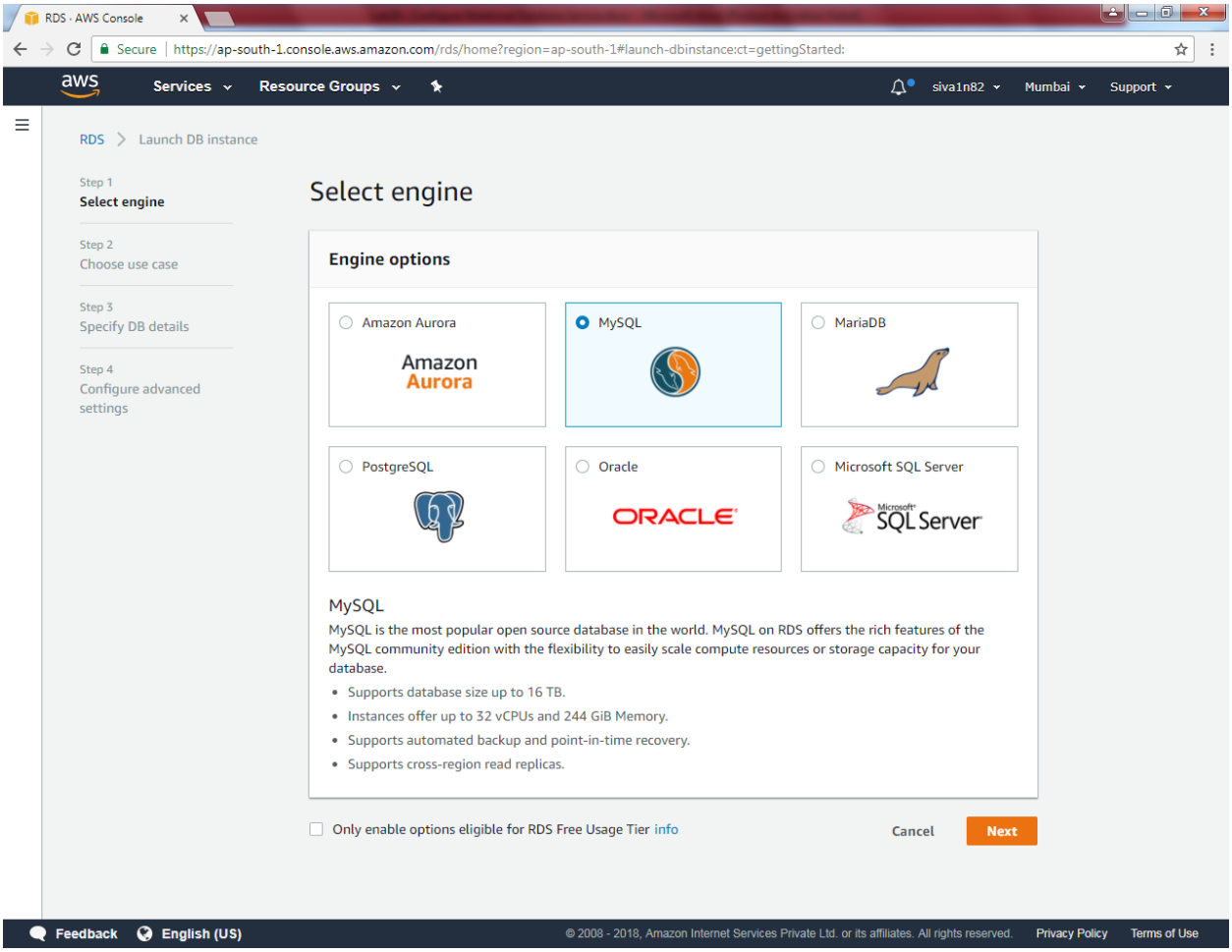
Click “Relational Database service”.



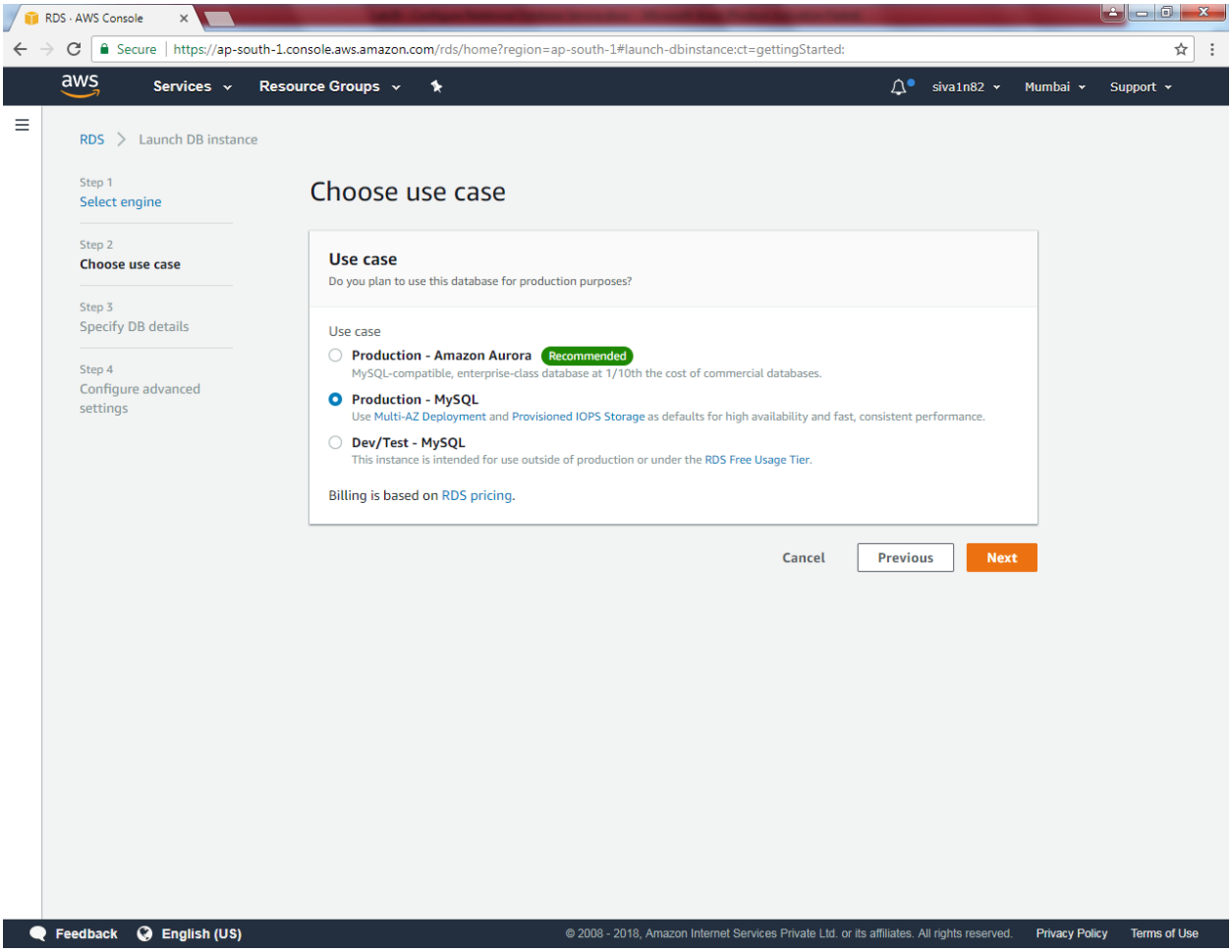
Click “Get started now”.



Click “MySql”.

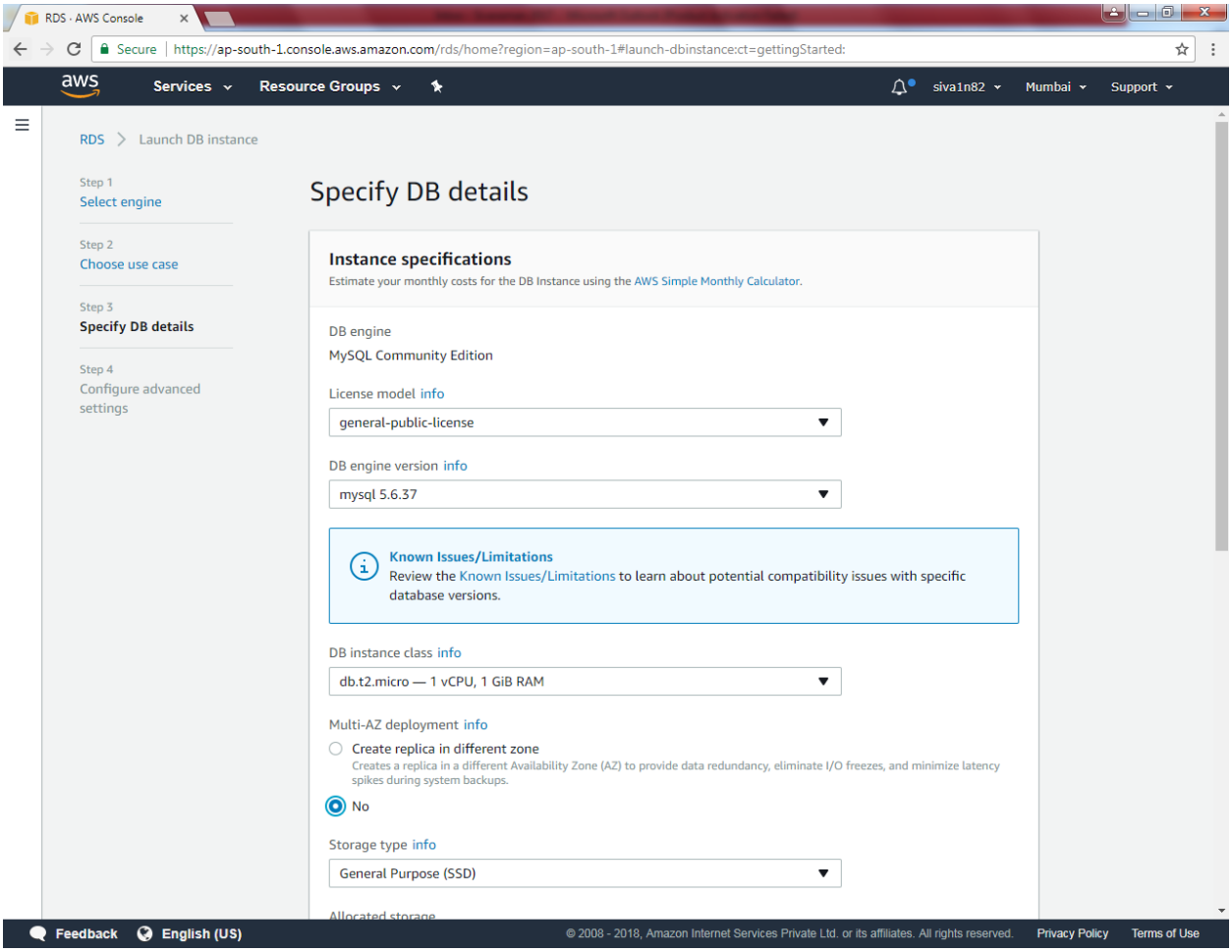

RDS · AWS Console
Secure | https://ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#launch-dbinstance:ct=gettingStarted:
aws
Services
Resource Groups
sivain82
Mumbai
Support
RDS > Launch DB instance
Step 1
Select engine
Step 2
Choose use case
Step 3
Specify DB details
Step 4
Configure advanced 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)
© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use

Select " Production – MySQL"



Click "Next".

Leave mysql version by default.



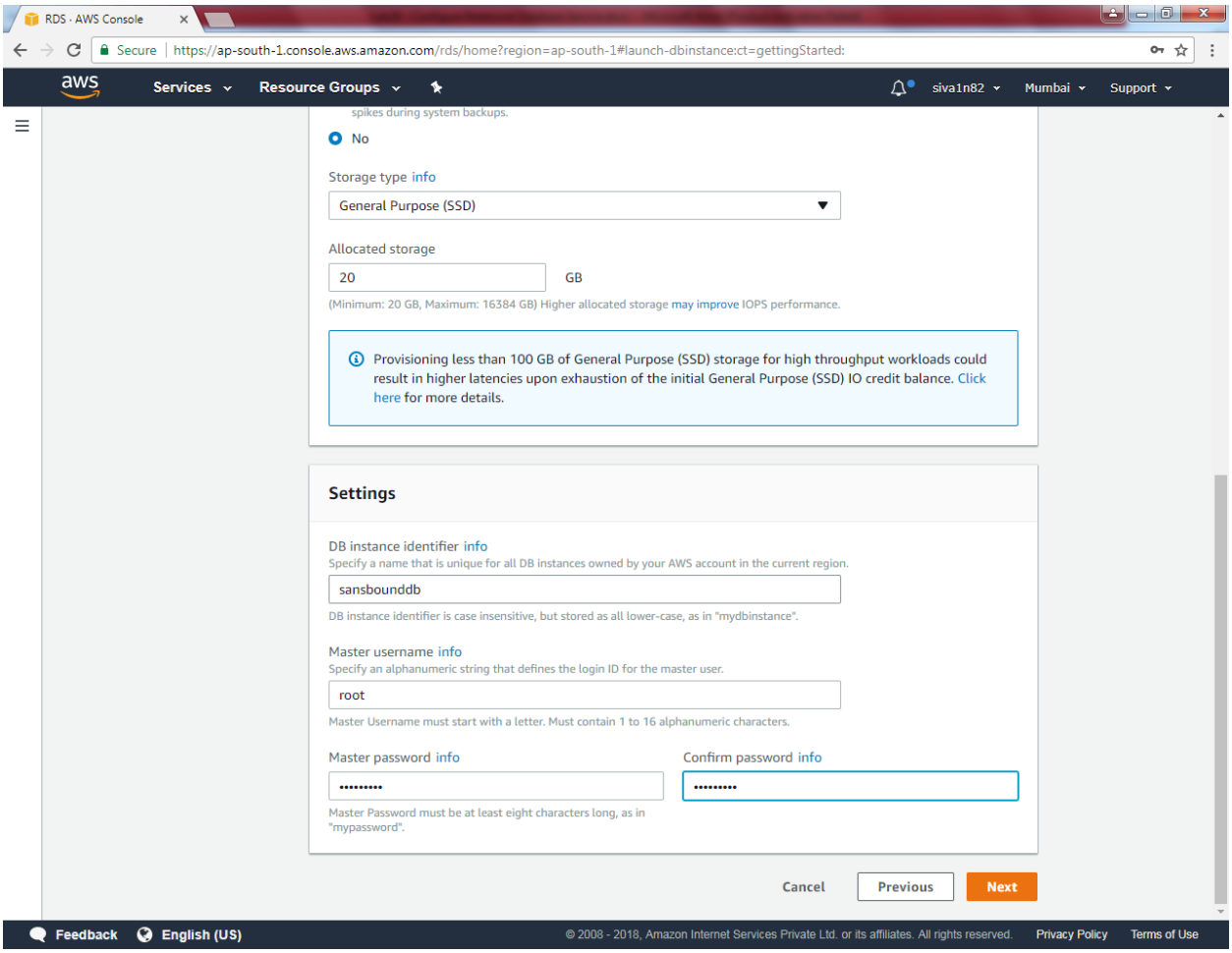
Select “t2.micro” otherwise charges will be applicable

Scroll down

Type DB instance name as sansbounddb

Master username: root

Master password:



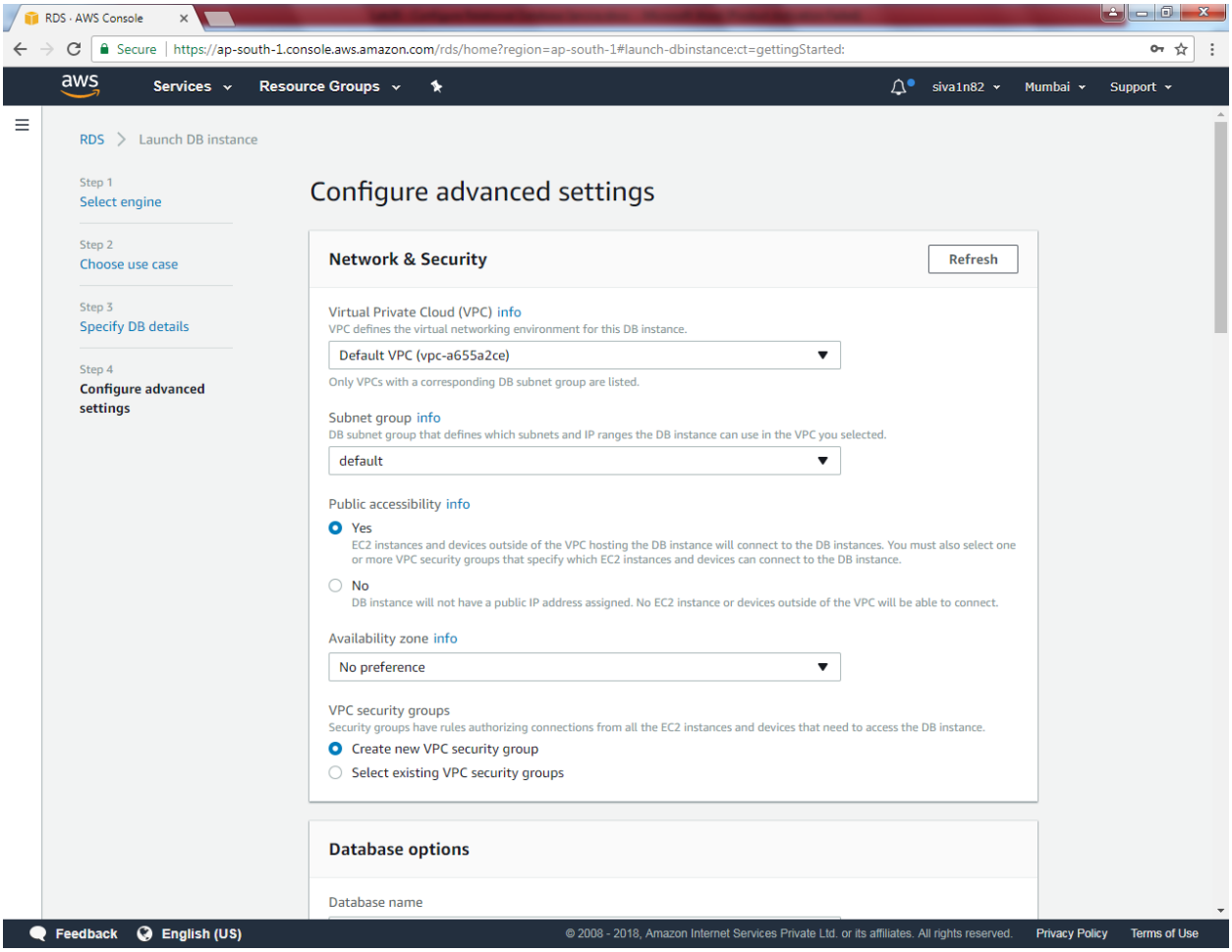
Click “Next”.

Select VPC as default VPC

Subnet as Default subnet

Public accessibility : Yes

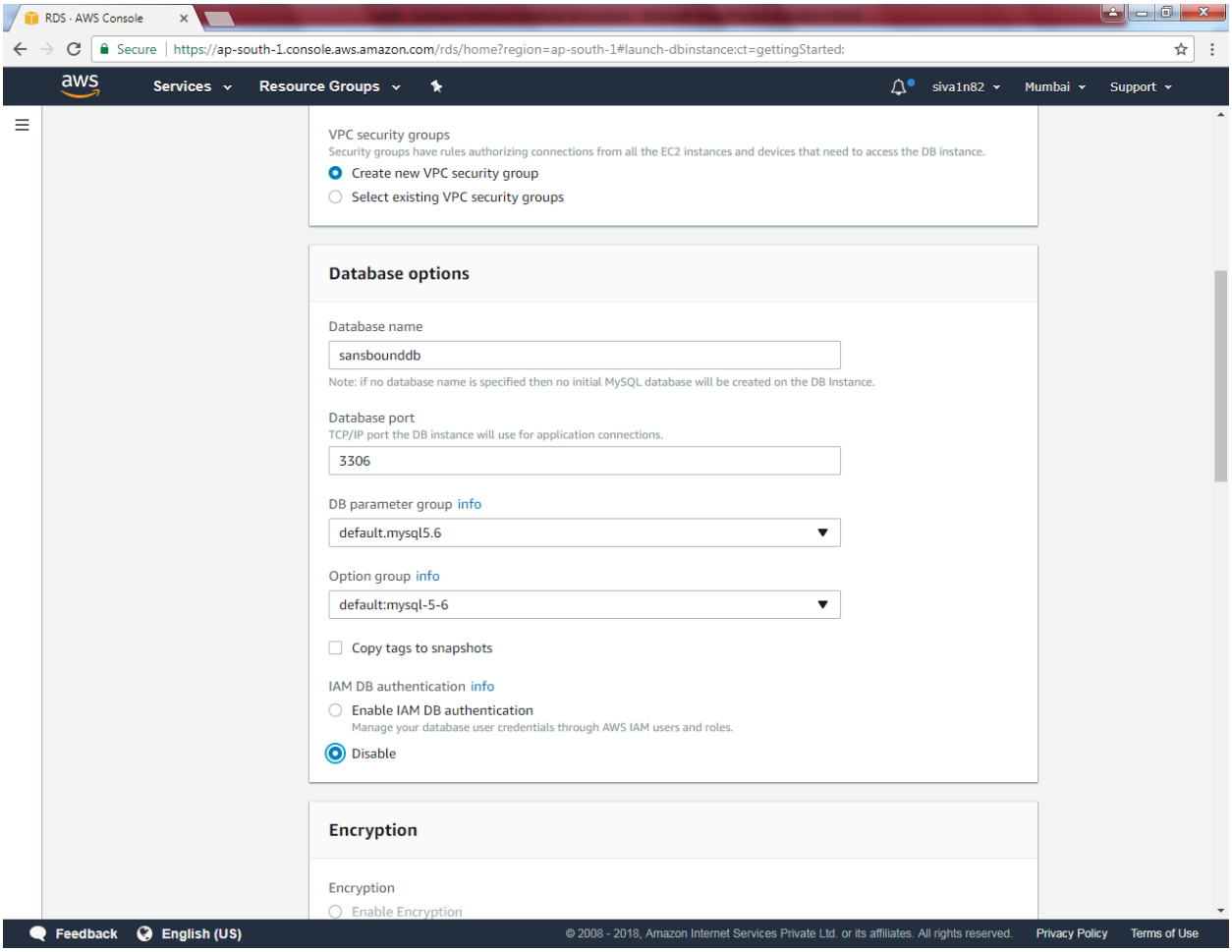
Create a new security Group



Scroll down

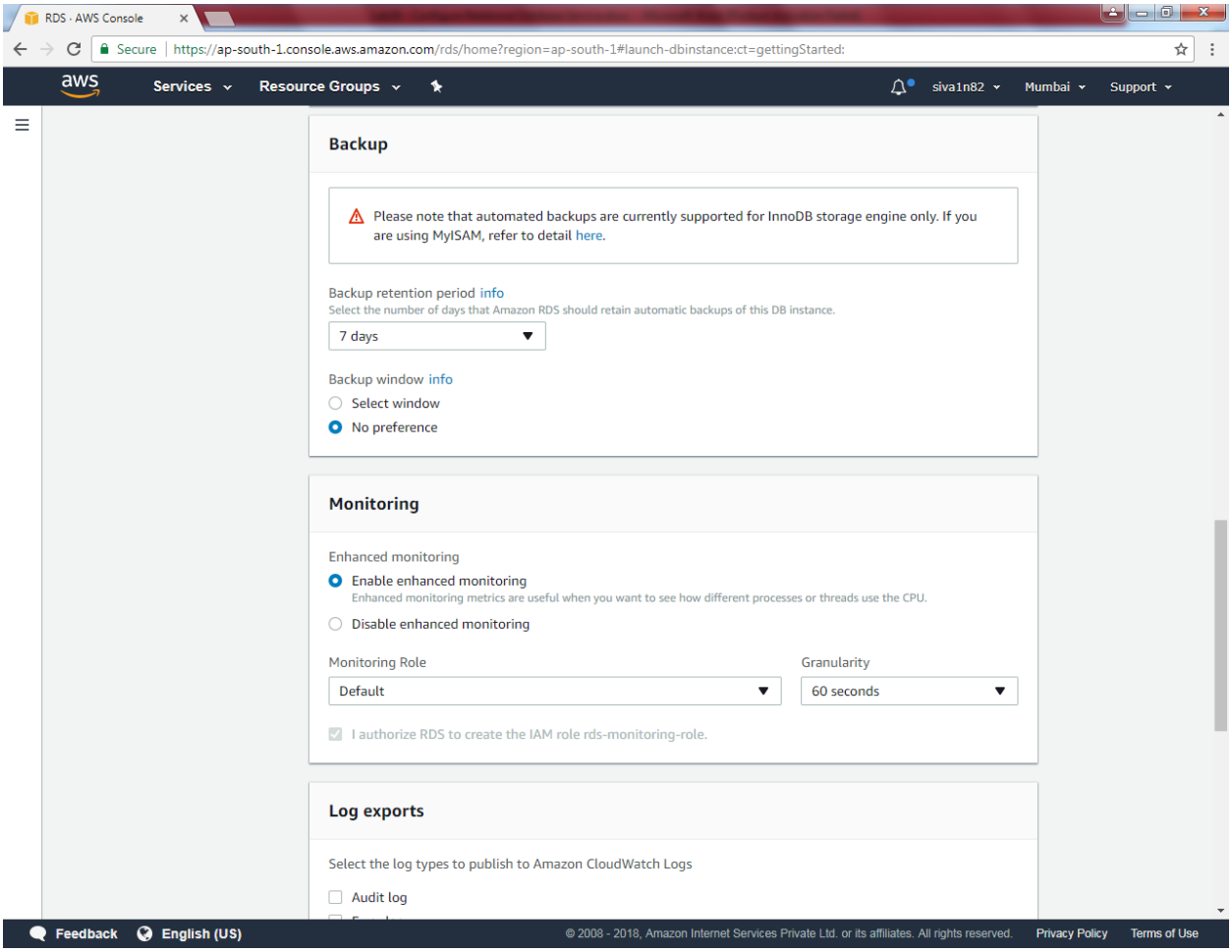
Database options

Dbname: Sansbounddb

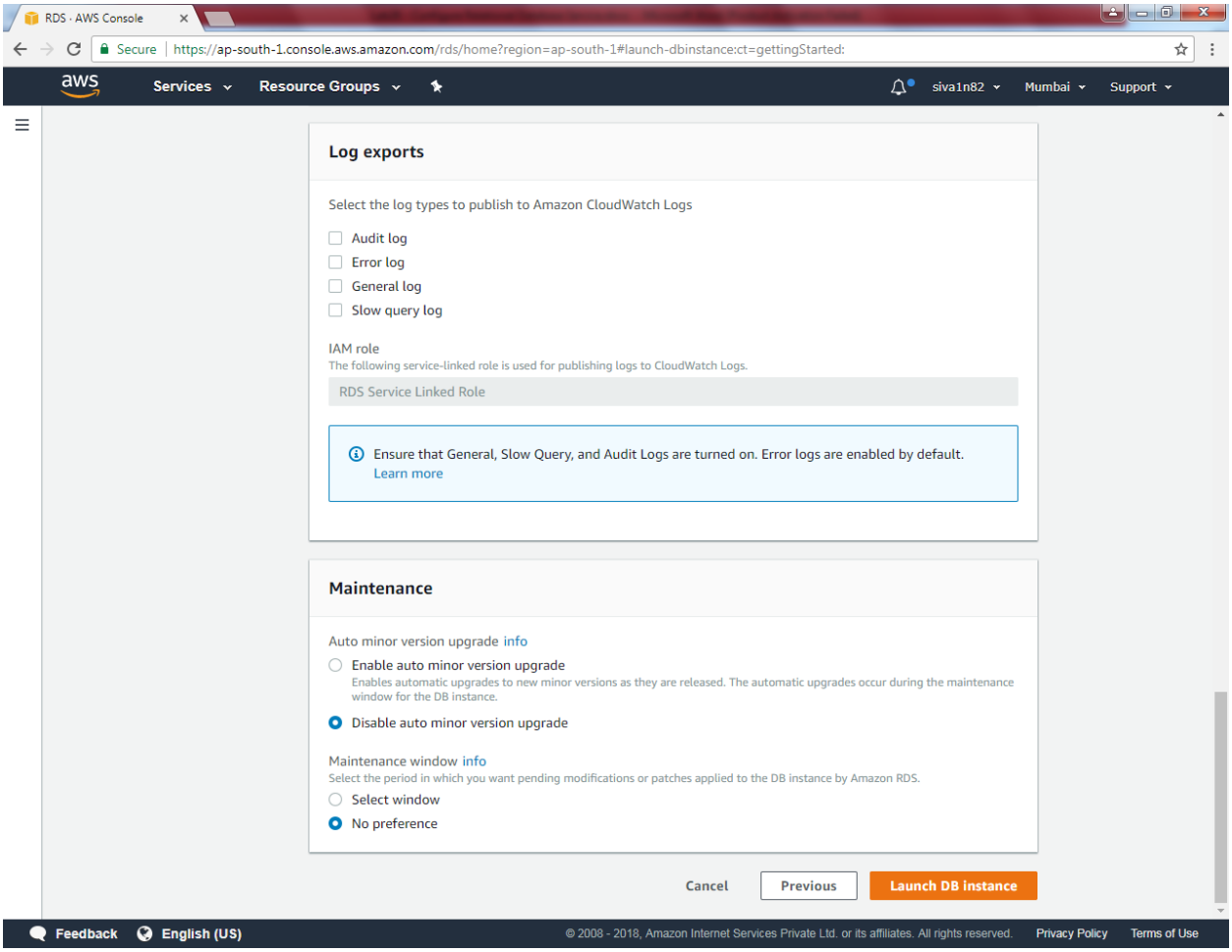


Scroll down

Backup 7 days

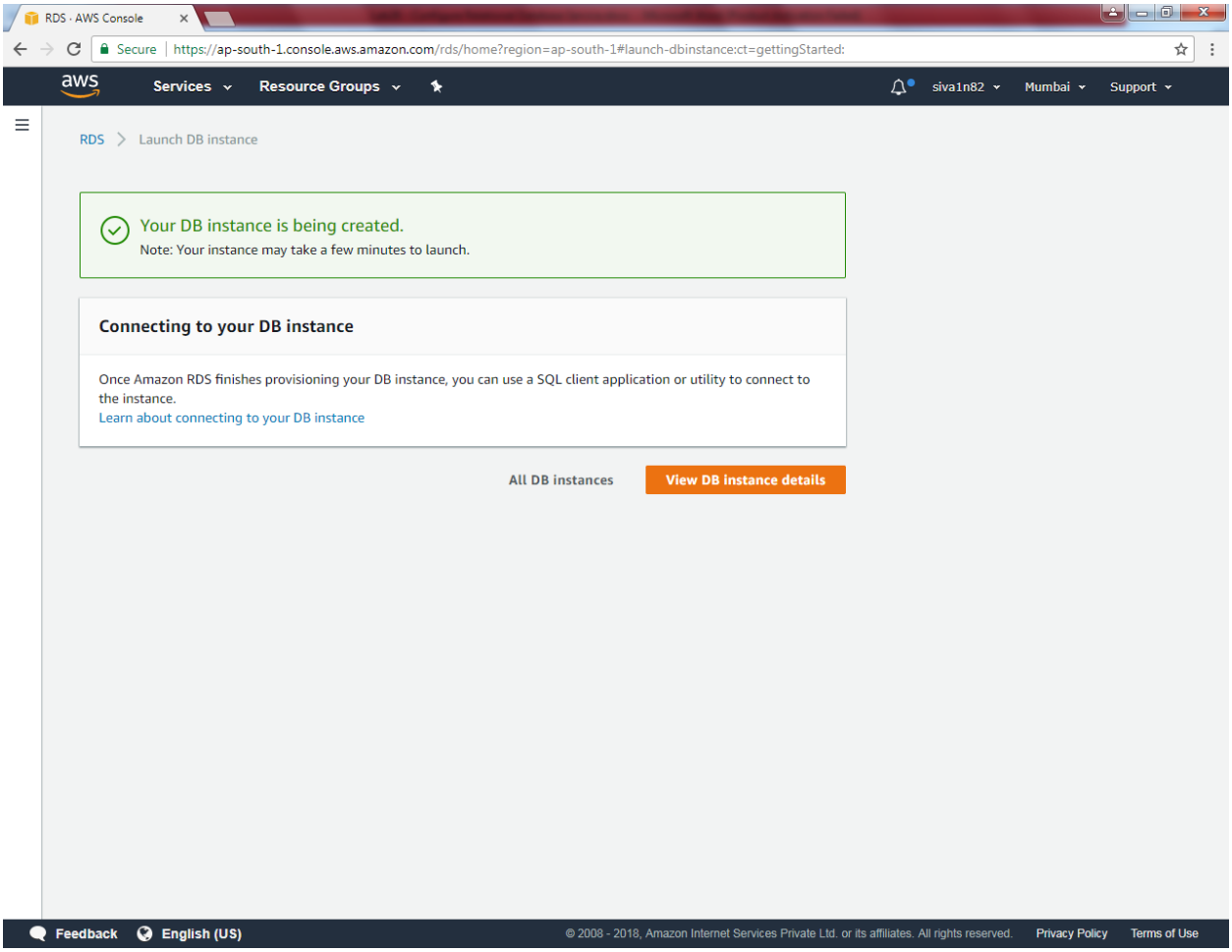

RDS - AWS Console
Secure | https://ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#launch-dbinstance:ct=gettingStarted:
aws
Services
Resource Groups
siva1n82
Mumbai
Support
Backup
Please note that automated backups are currently supported for InnoDB storage engine only. If you are using MyISAM, refer to detail here.
Backup retention period info
Select the number of days that Amazon RDS should retain automatic backups of this DB instance.
7 days
Backup window info
Select window
No preference
Monitoring
Enhanced monitoring
Enable enhanced monitoring
Enhanced monitoring metrics are useful when you want to see how different processes or threads use the CPU.
Disable enhanced monitoring
Monitoring Role
Default
Granularity
60 seconds
I authorize RDS to create the IAM role rds-monitoring-role.
Log exports
Select the log types to publish to Amazon CloudWatch Logs
Audit log
Feedback
English (US)
© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use

Scroll down.

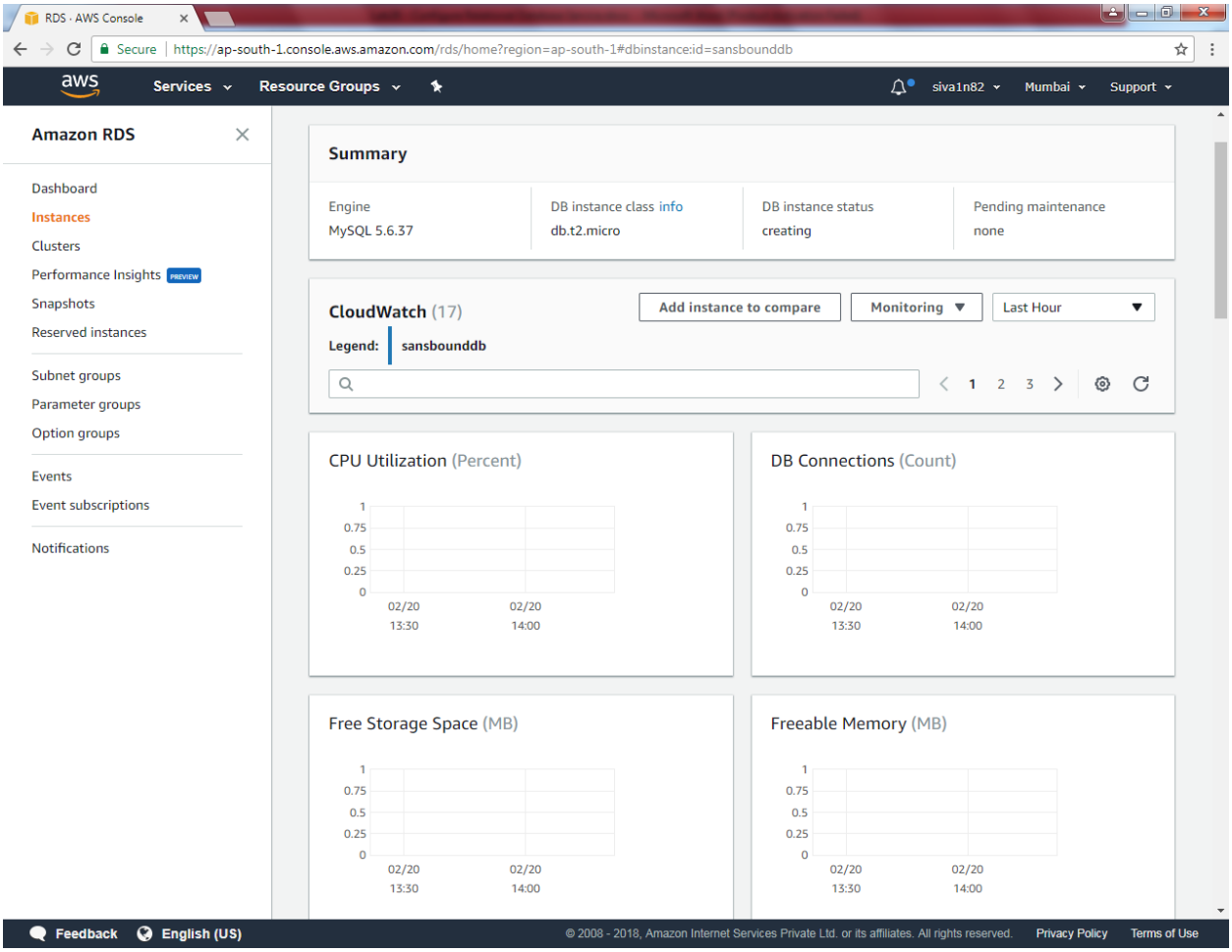


Click “Launch DB Instance”.

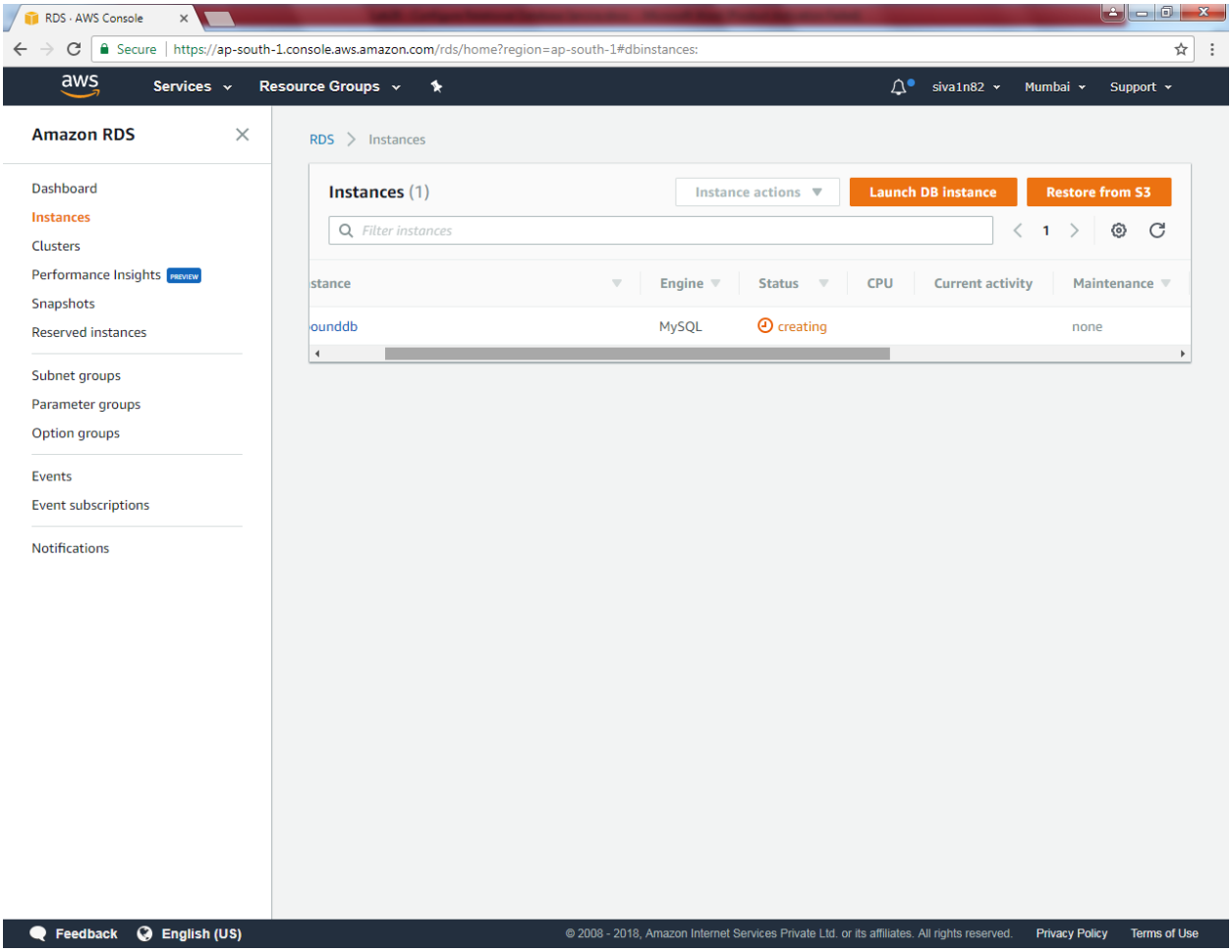
You have got a message that Your DB instance is being created.



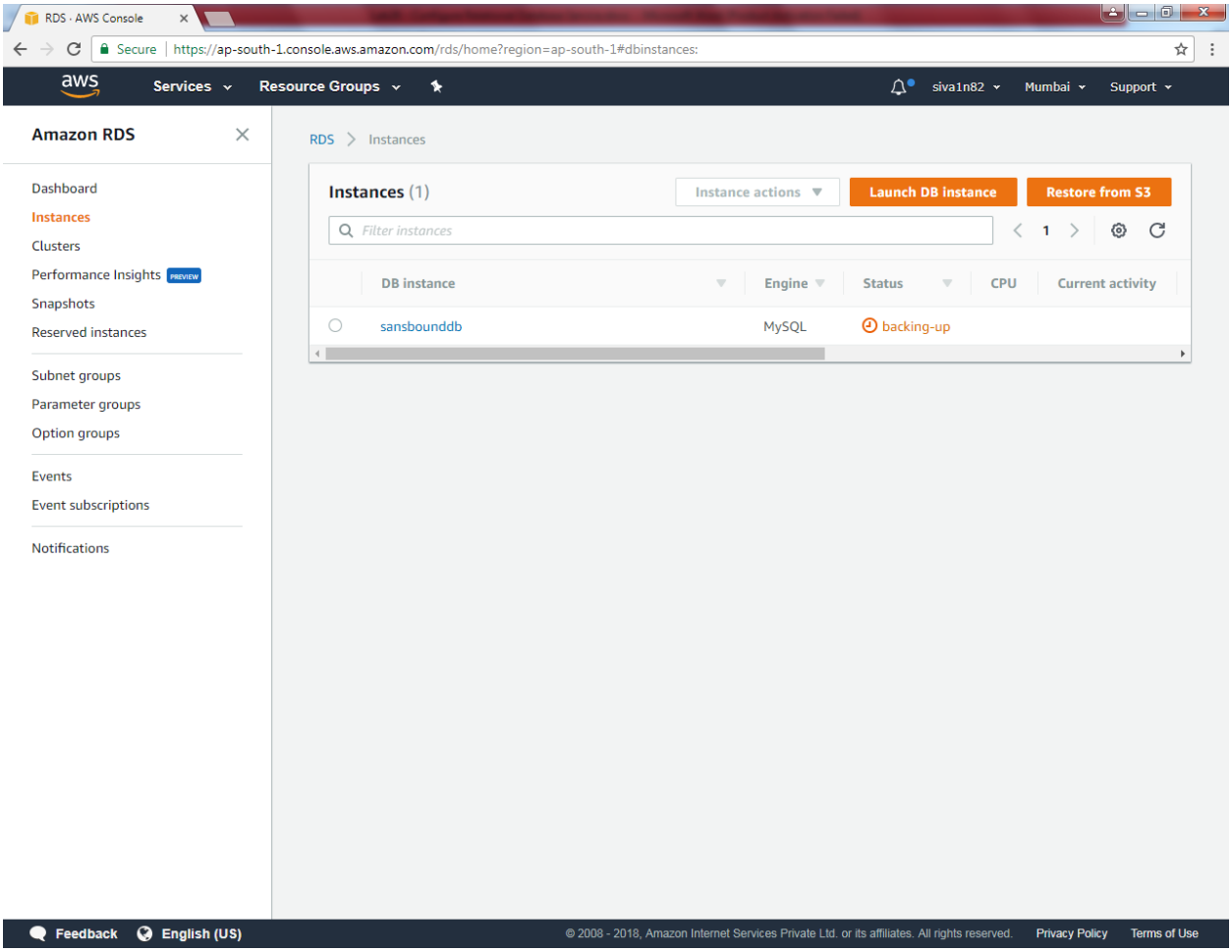
Click “View DB instance details”.



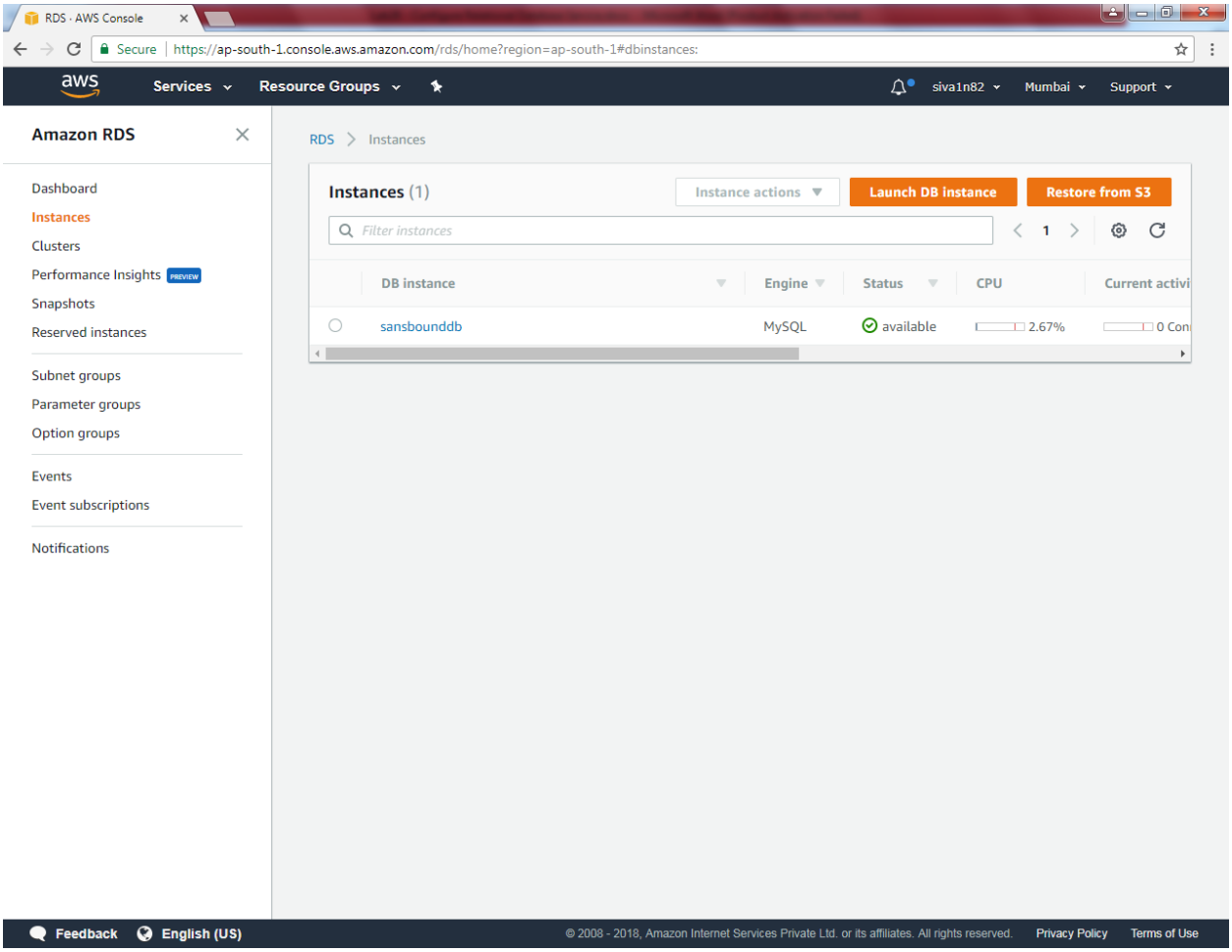
You can able to see that instance is getting created.



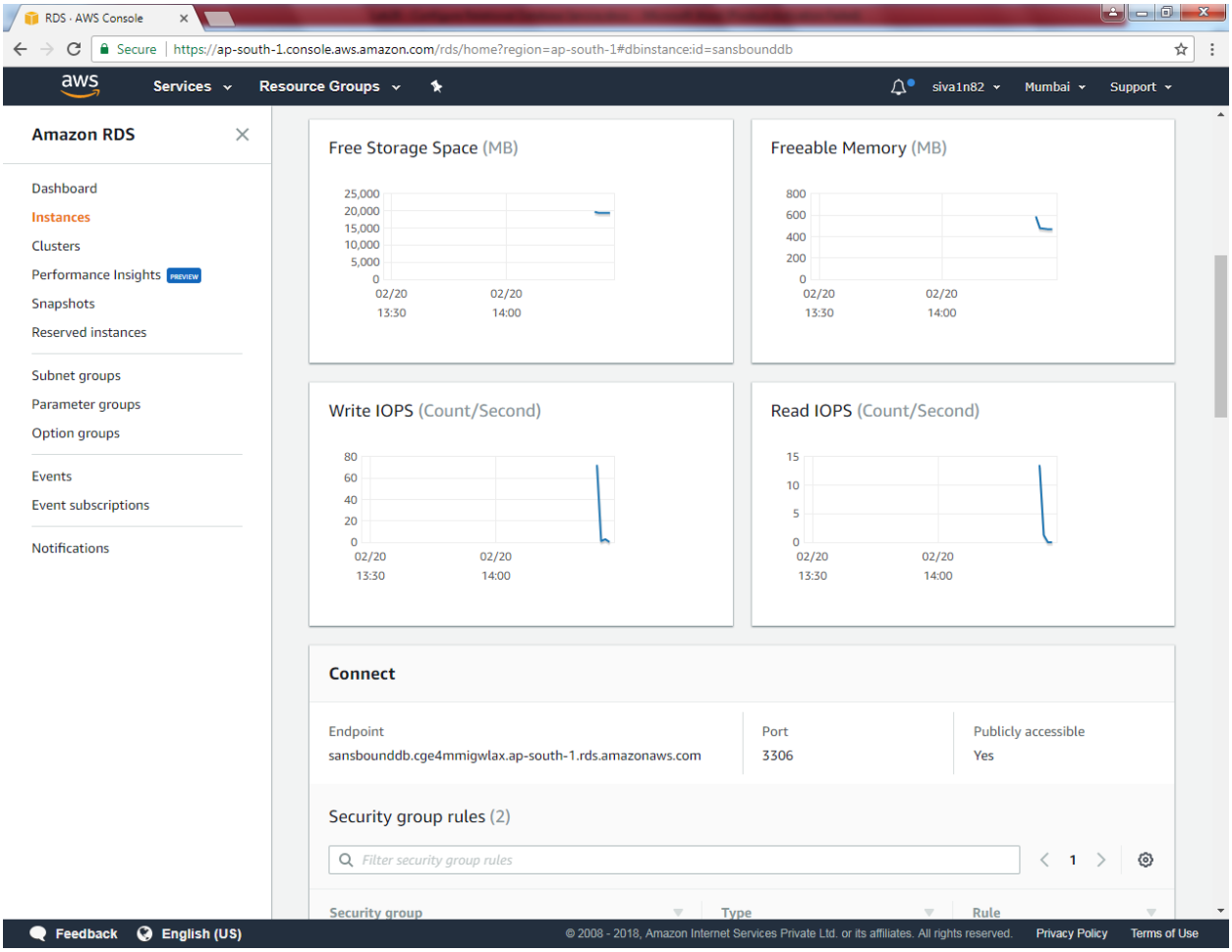
Now instance is taking backup.



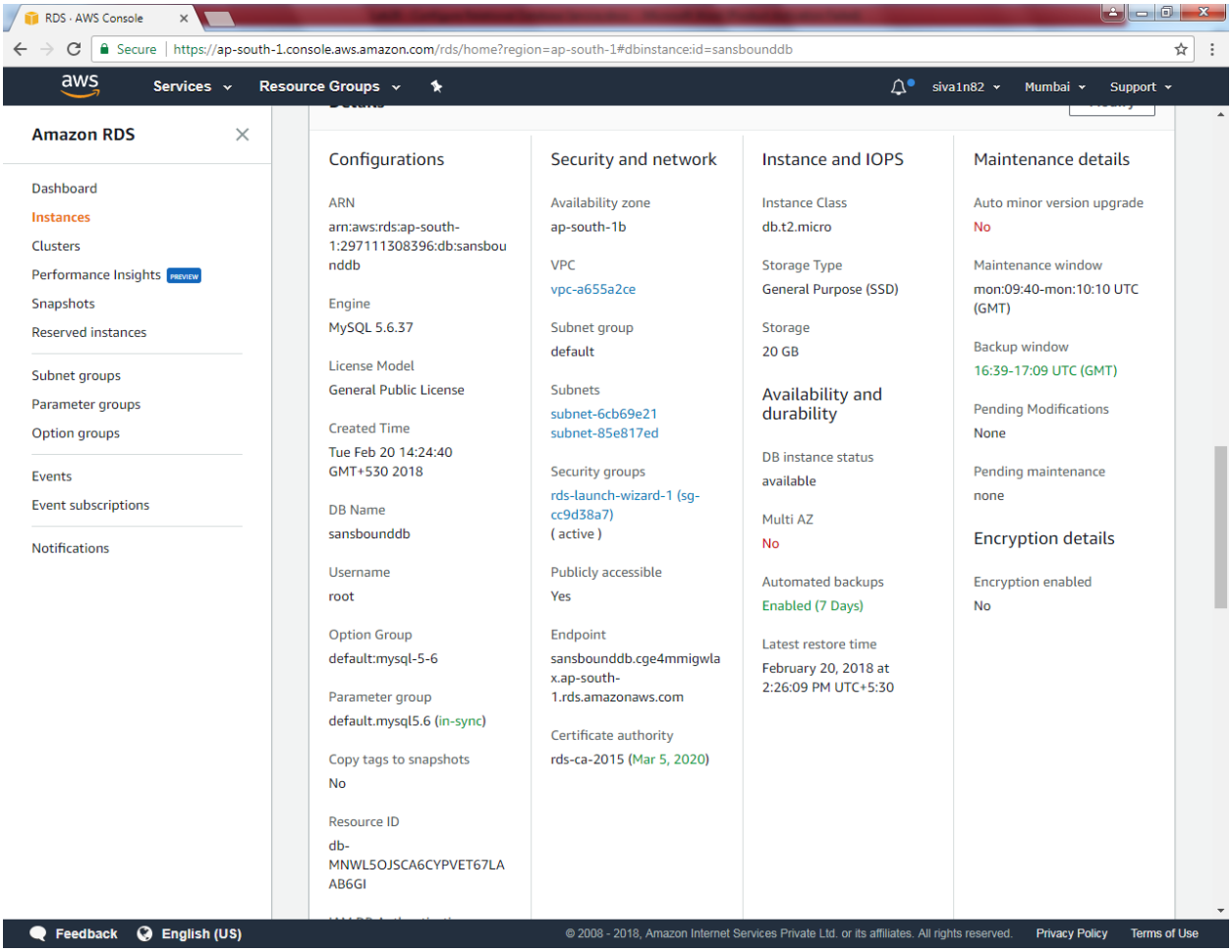
Now instance is available.



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.


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
Configurations
ARN
arn:aws:rds:ap-south-1:297111308396:db:sansbounddb
Engine
MySQL 5.6.37
License Model
General Public License
Created Time
Tue Feb 20 14:24:40 GMT+530 2018
DB Name
sansbounddb
Username
root
Option Group
default:mysql-5-6
Parameter group
default.mysql5.6 (in-sync)
Copy tags to snapshots
No
Resource ID
db-MNWL5OJSCA6CYPVET67LAAB6GI
Security and network
Availability zone
ap-south-1b
VPC
vpc-a655a2ce
Subnet group
default
Subnets
subnet-6cb69e21
subnet-85e817ed
Security groups
rds-launch-wizard-1 (sg-cc9d38a7)
(active)
Publicly accessible
Yes
Endpoint
sansbounddb.cge4mmigwlax.ap-south-1.rds.amazonaws.com
Certificate authority
rds-ca-2015 (Mar 5, 2020)
Instance and IOPS
Instance Class
db.t2.micro
Storage Type
General Purpose (SSD)
Storage
20 GB
Availability and durability
DB instance status
available
Multi AZ
No
Automated backups
Enabled (7 Days)
Latest restore time
February 20, 2018 at 2:26:09 PM UTC+5:30
Maintenance details
Auto minor version upgrade
No
Maintenance window
mon:09:40-mon:10:10 UTC (GMT)
Backup window
16:39-17:09 UTC (GMT)
Pending Modifications
None
Pending maintenance
none
Encryption details
Encryption enabled
No
Feedback
English (US)
© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use