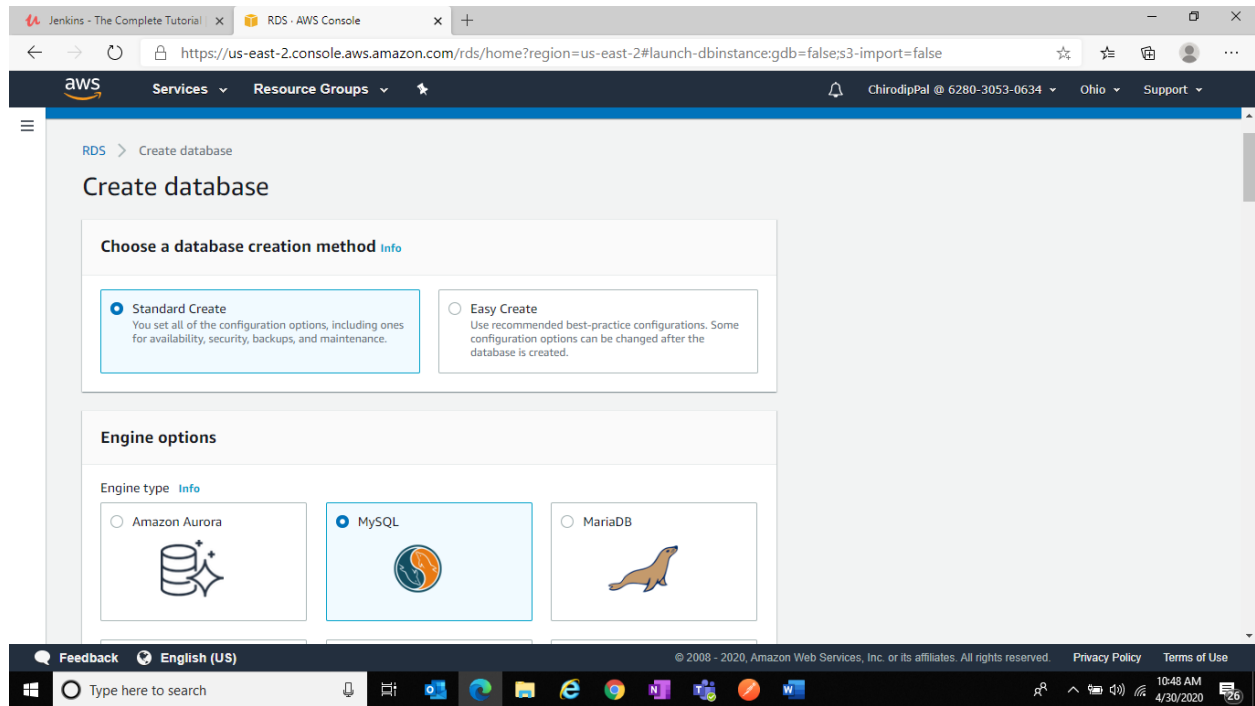
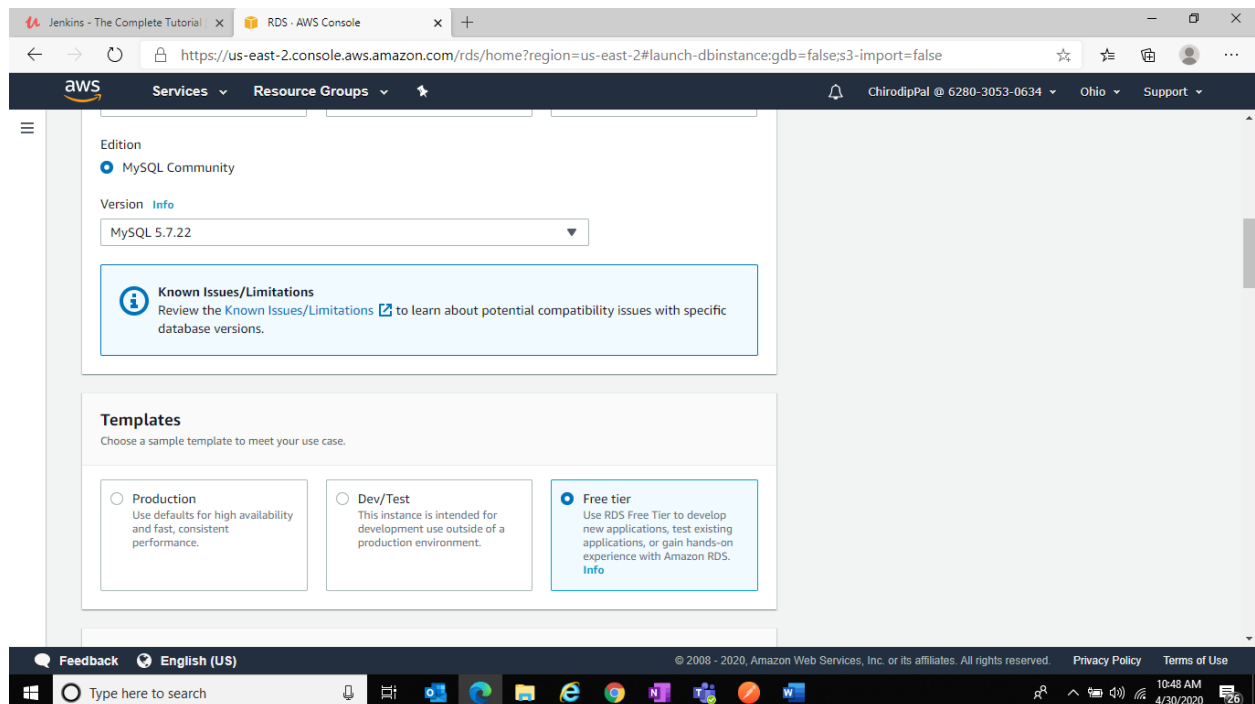


## Create RDS Database



## Select MYSQL and select free tier



## Enter the DB serve details

Jenkins - The Complete Tutorial | RDS - AWS Console

https://us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#launch-dbinstance:gdb=false;s3-import=false

aws Services Resource Groups

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Edition

MySQL Community

Version Info

MySQL 5.7.22

**Known Issues/Limitations**  
Review the [Known Issues/Limitations](#) to learn about potential compatibility issues with specific database versions.

**Templates**  
Choose a sample template to meet your use case.

☐ Production  
Use defaults for high availability and fast, consistent performance.

☐ Dev/Test  
This instance is intended for development use outside of a production environment.

☒ Free tier  
Use RDS Free Tier to develop new applications, test existing applications, or gain hands-on experience with Amazon RDS. [Info](#)

Feedback English (US)

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Type here to search

## Select DB Instance

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https://us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#launch-dbinstance:gdb=false;s3-import=false

aws Services Resource Groups

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**DB instance size**

**DB instance class** [Info](#)  
Choose a DB instance class that meets your processing power and memory requirements. The DB instance class options below are limited to those supported by the engine you selected above.

☐ Standard classes (includes m classes)

☐ Memory Optimized classes (includes r and x classes)

☒ Burstable classes (includes t classes)

db.t2.micro  
1 vCPUs 1 GiB RAM Not EBS Optimized

☐ Include previous generation classes

**Storage**

**Storage type** [Info](#)  
General Purpose (SSD)

**Allocated storage**  
20 GiB  
(Minimum: 20 GiB, Maximum: 16384 GiB) Higher allocated storage [may improve](#) IOPS performance.

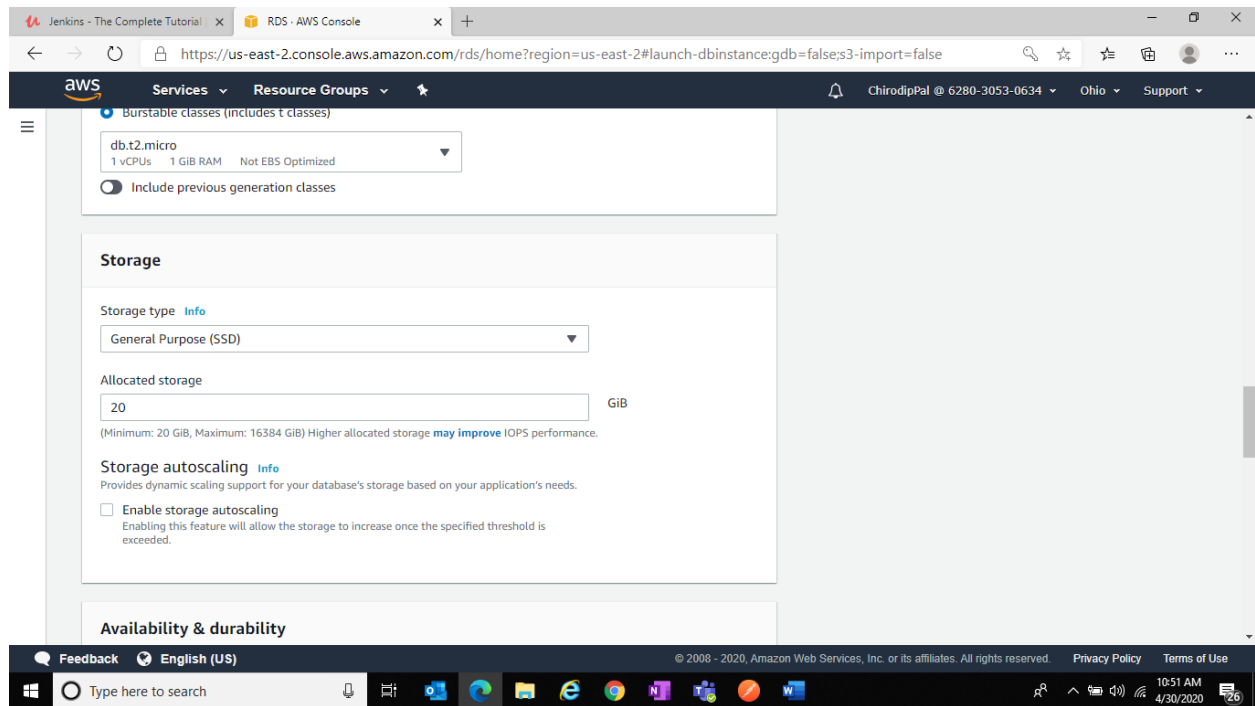
**Storage autoscaling** [Info](#)

Feedback English (US)

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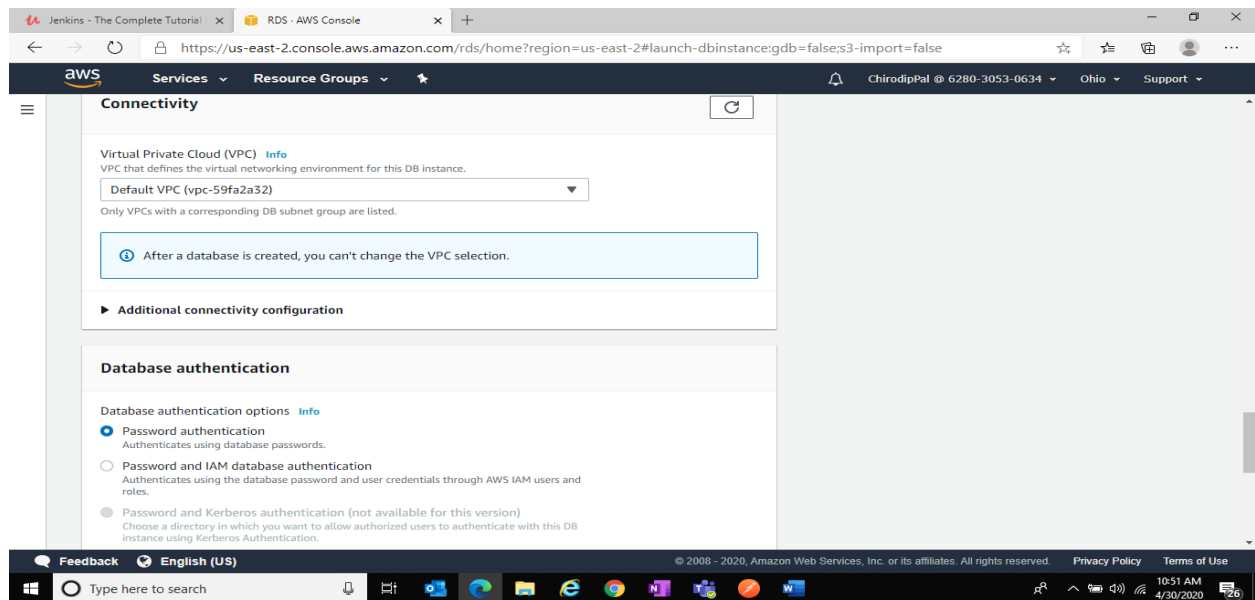
Type here to search

## Disable the auto scale in Storage



## Select Default in VPC

Enable Public access if require, otherwise create another EC2 instance in same VPC to connect DB server



## Provide the Database Details and Disable the backup

**Additional configuration**  
Database options, backup disabled, backtrack disabled, Enhanced Monitoring disabled, maintenance, CloudWatch Logs, delete protection disabled

**Database options**

Initial database name [Info](#)  
HomeInsurance  
If you do not specify a database name, Amazon RDS does not create a database.

DB parameter group [Info](#)  
default.mysql5.7

Option group [Info](#)  
default.mysql-5-7

**Backup**  
Creates a point in time snapshot of your database

☐ **Enable automatic backups**  
Enabling backups will automatically create backups of your database during a certain time window.

**Monitoring**

## Create DB

**Deletion protection**

☐ **Enable deletion protection**  
Protects the database from being deleted accidentally. While this option is enabled, you can't delete the database.

**Estimated monthly costs**

The Amazon RDS Free Tier is available to you for 12 months. Each calendar month, the free tier will allow you to use the Amazon RDS resources listed below for free:

- 750 hrs of Amazon RDS in a Single-AZ db.t2.micro Instance.
- 20 GB of General Purpose Storage (SSD).
- 20 GB for automated backup storage and any user-initiated DB Snapshots.

[Learn more about AWS Free Tier.](#)

When you free usage expires or if your application use exceeds the free usage tiers, you simply pay standard, pay-as-you-go service rates as described in the [Amazon RDS Pricing page.](#)

**You are responsible for ensuring that you have all of the necessary rights for any third-party products or services that you use with AWS services.**

Cancel **Create database**

## Home Insurance Database dashboard

The screenshot shows the Amazon RDS console for a database instance named 'homeowner'. The instance is of class 'db.t2.micro' in the 'us-east-2a' region, with a 'MySQL Community' engine. It is currently 'Available' and has 0 connections. The 'Connectivity & security' tab is selected, showing the endpoint 'homeowner.c9inwvqzmvw.us-east-2.rds.amazonaws.com' on port 3306. The VPC is 'default (vpc-59fa2a32)' and the security group is 'default (sg-b88375c0)'. The public accessibility is set to 'Yes'.

Summary			
DB identifier homeowner	CPU 2.50%	Info Available	Class db.t2.micro
Role Instance	Current activity 0 Connections	Engine MySQL Community	Region & AZ us-east-2a

Connectivity & security		
Endpoint & port Endpoint homeowner.c9inwvqzmvw.us-east-2.rds.amazonaws.com Port 3306	Networking Availability zone us-east-2a VPC default (vpc-59fa2a32) Subnet group default-vpc-59fa2a32	Security VPC security groups default (sg-b88375c0) (active) Public accessibility Yes Certificate authority rds-ca-2019

## Database Scrip Execution

- Create Windows EC2 in Database VPC
- Install Mysql Workbench
  - <https://dev.mysql.com/downloads/workbench/>
- Connect to MYSQL using DB server credential
- Execute your database Script one by one

The screenshot shows the SQL Maestro for MySQL interface. The left pane shows the database structure for 'software at jupiter:3311'. The right pane shows the 'Role members' tab for the 'reporter' role, listing 'developer@%' and 'team\_lead@%' with their granted permissions and admin options.

Role members	Granted	Admin Option
developer@%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
team_lead@%	<input checked="" type="checkbox"/>	<input type="checkbox"/>

