



AWS Cloud Training

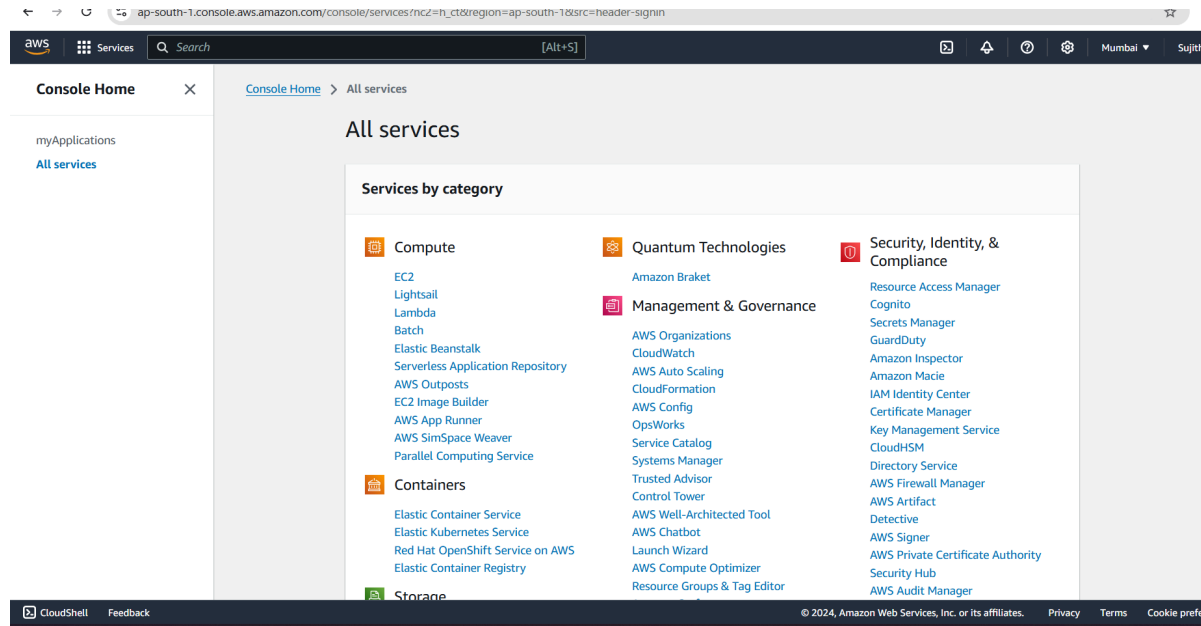
-by Mr.Mahendran Selvakumar

Organized by KPR Institute of Engineering and Technology
Department of Computer Science and Engineering

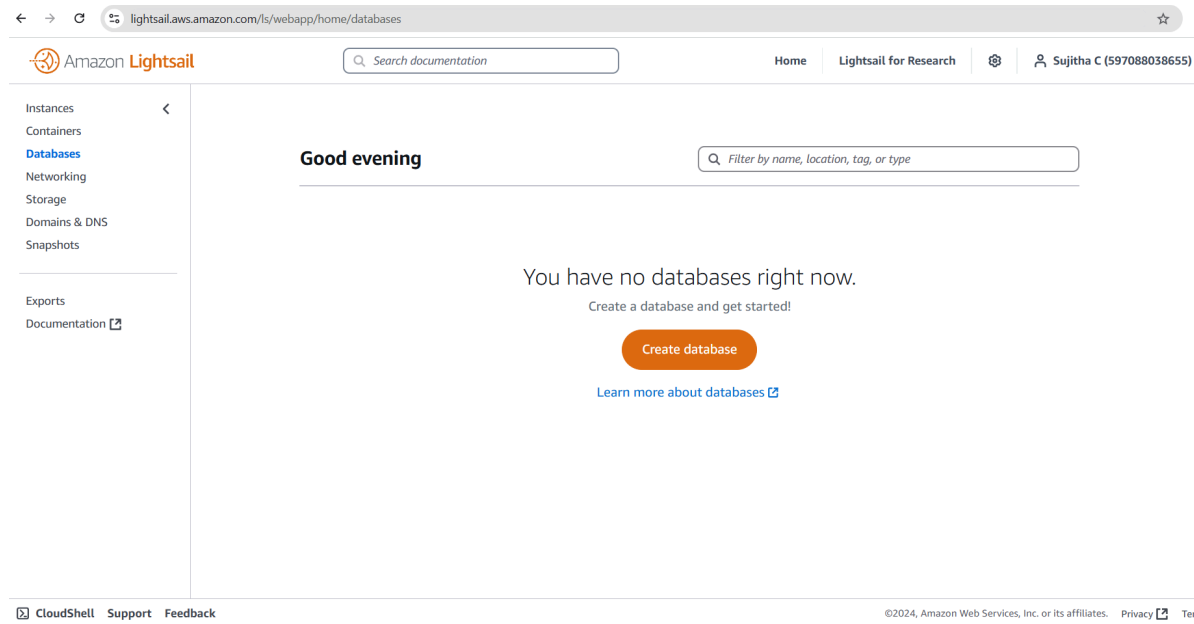
Name:Sujitha C
II - CSE

A step by step guide on the Creation of MySQL
Database in Amazon Lightsail

Step 1: Go to AWS console home and choose *Lightsail* from All services.



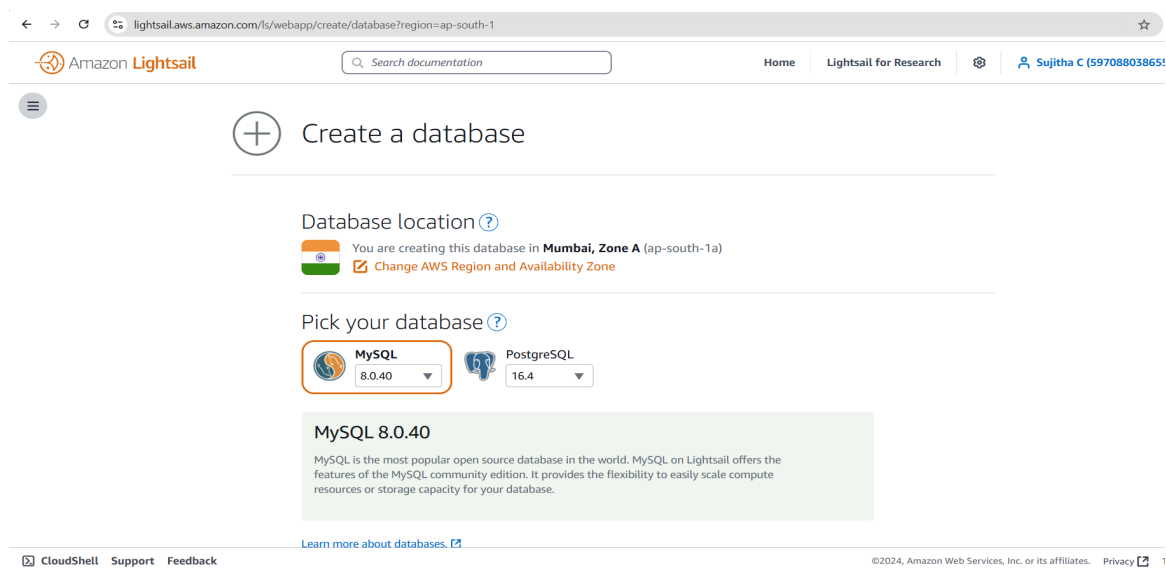
Step 2: Once you are directed to the *Lightsail* home page ,click on Databases in the sidemenu .



Step 3 : After entering into the Databases page , click on Create database option .

Step 4 : You will be able to choose the Database location , By changing the AWS location and availability zone . Here I have chosen Mumbai .

Step 5 : Now click on MySQL under *Pick your Database* option.





← → ↻ lightsail.aws.amazon.com/lis/webapp/create/database?region=ap-south-1 ☆

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⋮ (+) Create a database

Database location ⓘ
You are creating this database in **Mumbai, Zone A** (ap-south-1a)
[Change AWS Region and Availability Zone](#)

Pick your database ⓘ

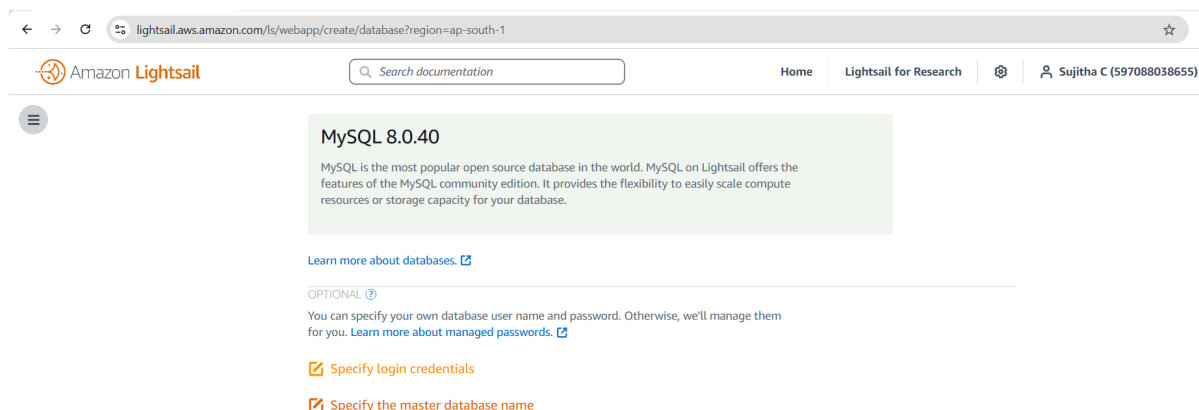
 **MySQL** 8.0.40  **PostgreSQL** 16.4

MySQL 8.0.40
MySQL is the most popular open source database in the world. MySQL on Lightsail offers the features of the MySQL community edition. It provides the flexibility to easily scale compute resources or storage capacity for your database.

[Learn more about databases.](#)

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Step 6 : Click on the specify login credentials option and enter your Username and password.



← → ↻ lightsail.aws.amazon.com/lis/webapp/create/database?region=ap-south-1 ☆

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⋮

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[Learn more about databases.](#)

OPTIONAL ⓘ
You can specify your own database user name and password. Otherwise, we'll manage them for you. [Learn more about managed passwords.](#)

☒ Specify login credentials

☒ Specify the master database name

lightsail.aws.amazon.com/ls/webapp/create/database?region=ap-south-1

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User name

Specify the database user name, or leave it blank to use the default
[Learn more about database user name requirements](#)

kpr

Password

Lightsail can manage passwords for you. You can view, or rotate the managed password at any time after creating the database. Or you can specify your own password, in which case you must keep track of it.

☒ Create a strong password for me.

☐ Specify the master database name

Here I have given the username as 'kpr' and enabled the create a strong password for me option . You can customize your own password by disabling it and create a password you need .

Step 7: Once you are done with the login credentials , click on the 'specify the master database name' option.

Master database name

The first database is created for you. You can enter a name, or make no entry to accept the default name
[Learn more about master database name requirements](#)

db aws

Your master database name is dbaws.

Here I have given the database name as aws for example.

Step 8: Choose the database plan based on your needs like memory , storage , transfer capacities etc.

Here I have chosen the \$15 plan for example.

lightsail.aws.amazon.com/ls/webapp/create/database?region=ap-south-1

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Choose your database plan

Standard High Availability

Standard plan databases are created in one Availability Zone only, with no redundancy

Sort by: Price per month Memory Processing Storage Transfer

First 90 days free	\$15 USD	\$30 USD	\$60 USD	\$115 USD	
	\$15 USD	\$30 USD	\$60 USD	\$115 USD	Price per month
	1 GB	2 GB	4 GB	8 GB	Memory
	2 vCPUs	2 vCPUs	2 vCPUs	2 vCPUs	Processing
	40 GB SSD	80 GB SSD	120 GB SSD	240 GB SSD	Storage
	100 GB	100 GB	100 GB	200 GB	Transfer

If you need to import more than 10 GB of data, we recommend choosing a larger database plan. [Learn more](#)

For a limited time, new Lightsail customers can try the selected plan for free for three months. [Learn more about the free trial in Lightsail.](#)

Step 9: Next under the ‘Identify your Database’ section enter a unique name for your *Lightsail* resources.

lightsail.aws.amazon.com/ls/webapp/create/database?region=ap-south-1

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Identify your database

Your Lightsail resources must have unique names.

Database-1

TAGGING OPTIONS

Use tags to filter and organize your resources in the Lightsail console. Key-value tags can also be used to organize your billing, and to control access to your resources. [Learn more about tagging.](#)

Key-only tags

+ Add key-only tags

Key-value tags

+ Add key-value tag

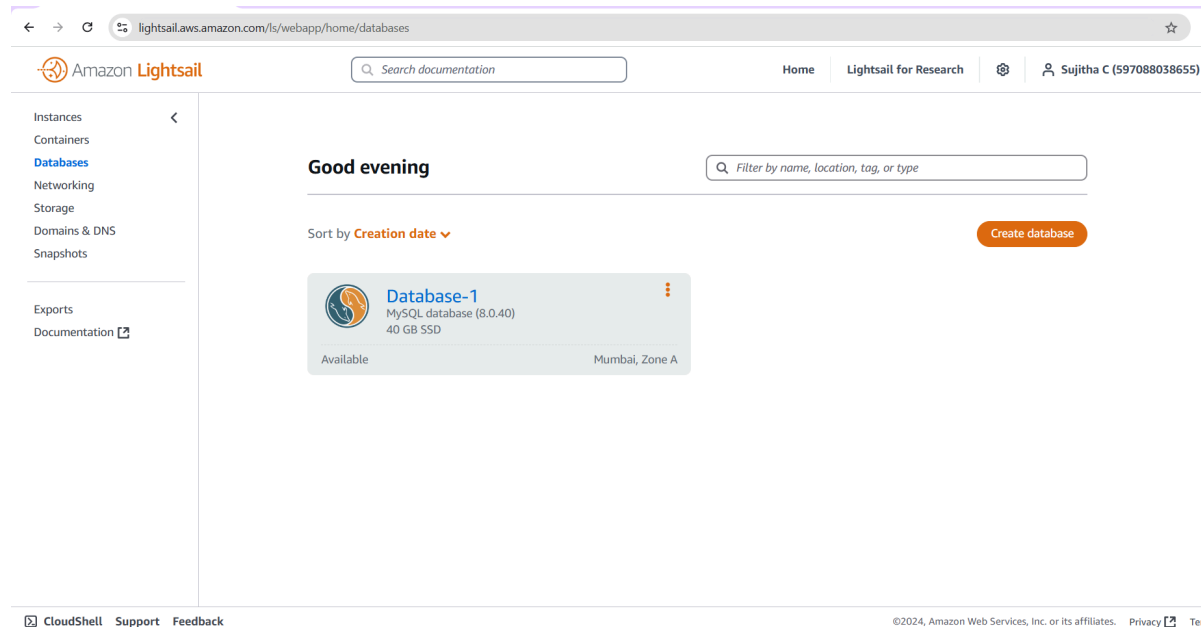
Create database

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We can ignore the key-only and key-value tags .

Step 10: Click on Create database and wait for sometime as the database might take a while for launching .

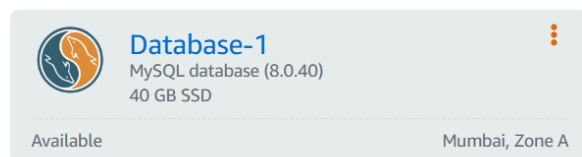


Thus we have created a MySQL database in the Amazon Lightsail.

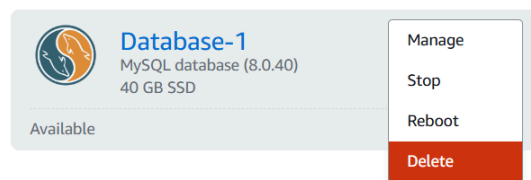
Note: Don't forget to delete your database at the end .

Here are few steps on deleting the database.

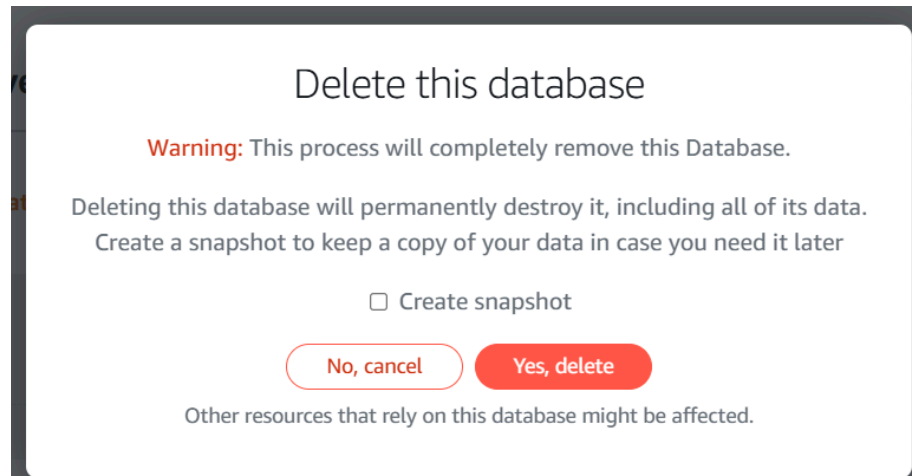
- Click on the three dots present in the upper right corner of the database .



- Click on the delete option .



- Click on the Yes,delete option under ‘delete the database’ popup.



Here I have disabled the option of Create snapshot as I don't want to keep a copy of my data . You may enable it if you need .