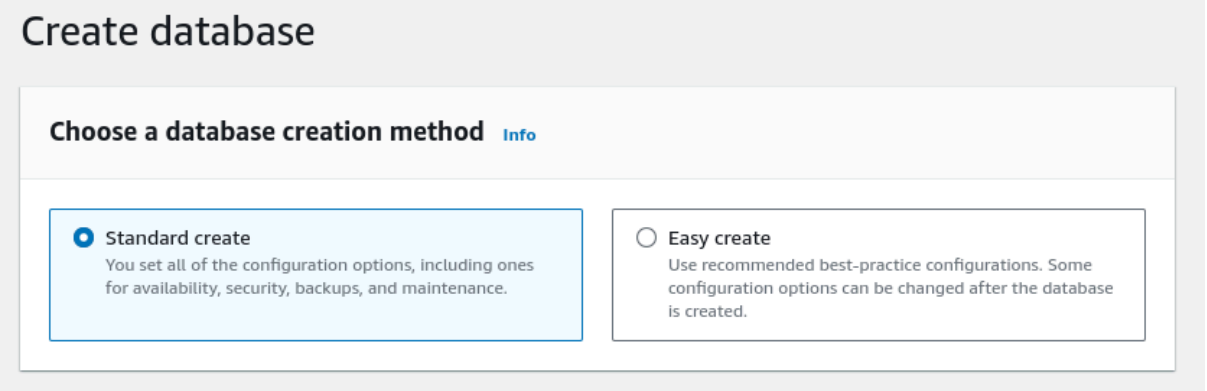
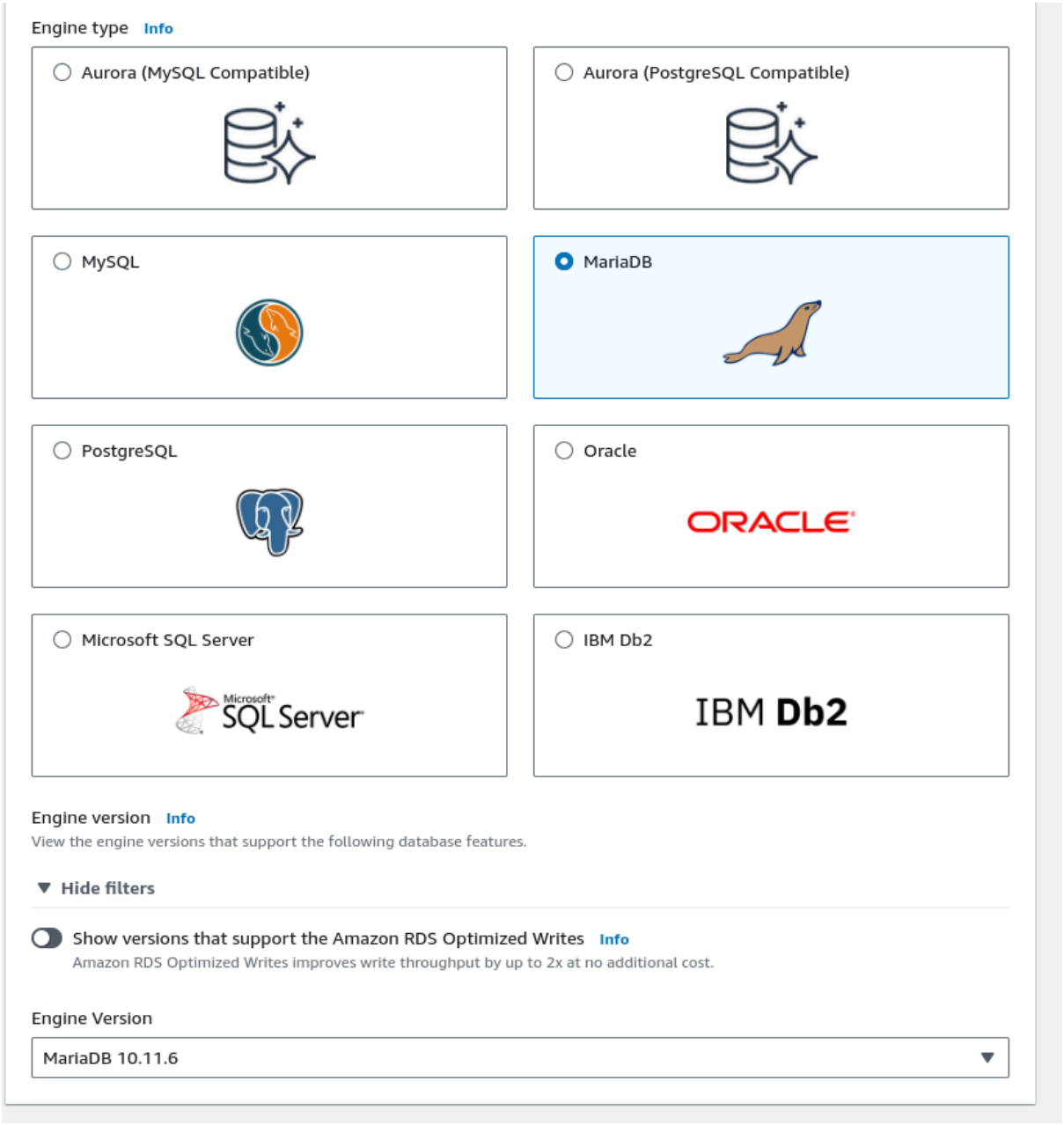
RDS configuration

Amazon Relational Database Service (Amazon RDS) is a collection of managed services that makes it simple to set up, operate, and scale databases in the cloud.

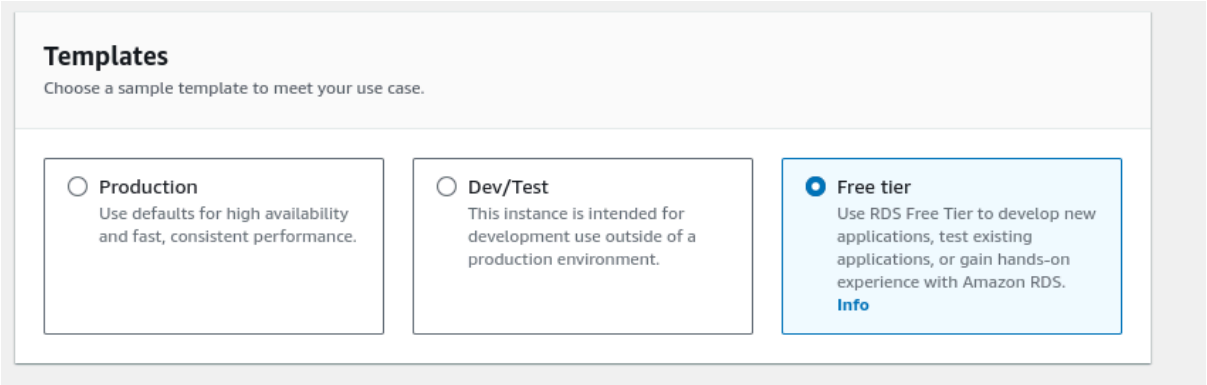
- Login to AWS console go through RDS
- Select Create Databases
- Choose database creation method as Standard create



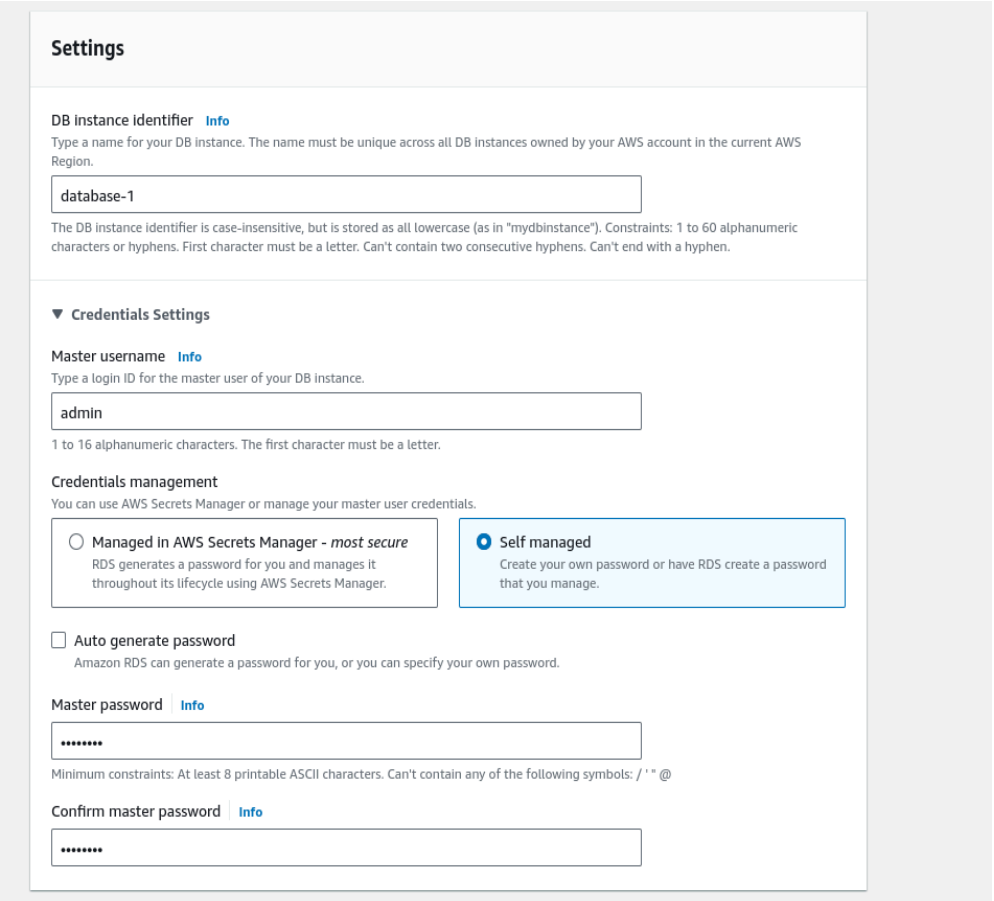
- Now, Choose database type as required. AWS database will provide 6 types of databases.We will choose mariadb for now.
- We can also choose the version of our database.



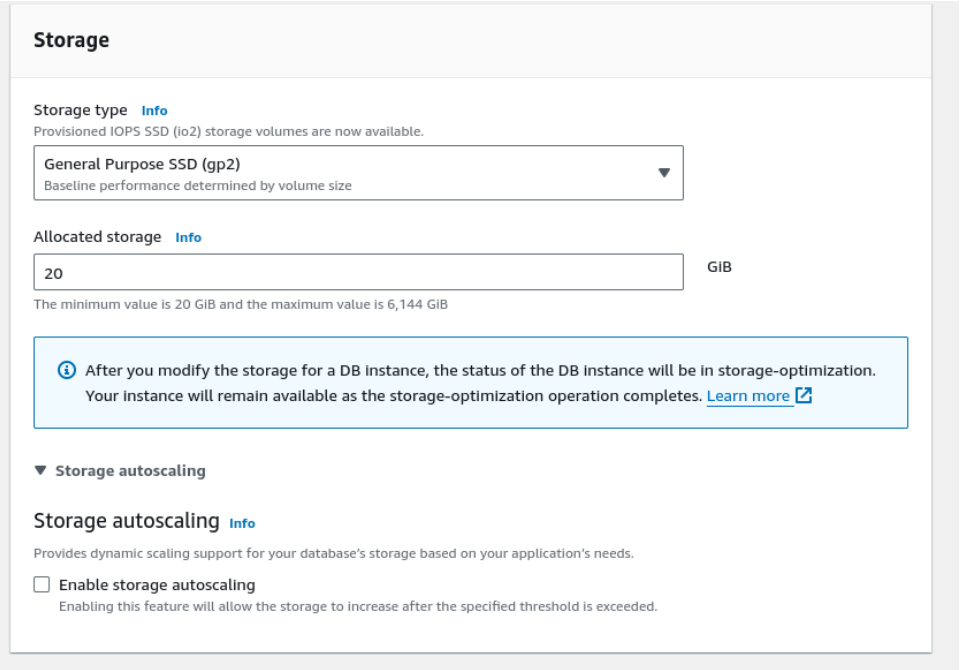
- Choose template.This is for demonstration purpose so we will choose Free tier



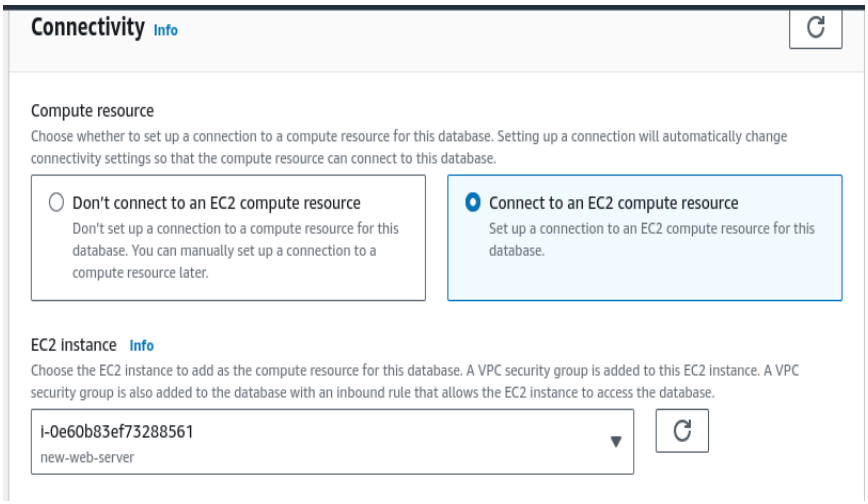
- Name Db instance identifier as required. Create master username password as required and used for future use



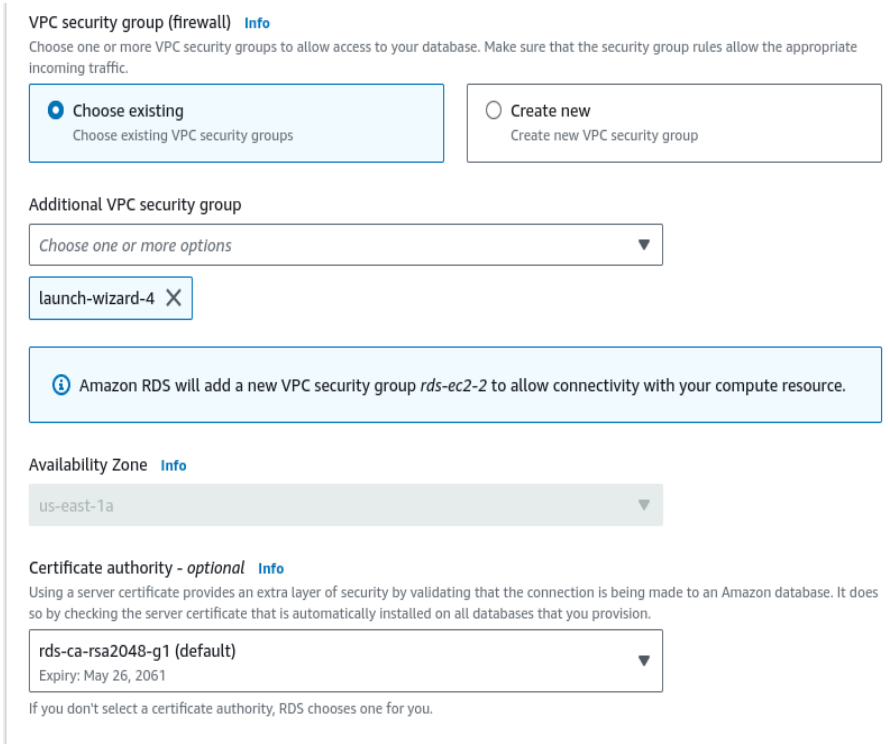
- Choose general purpose SSD(gp2) as storage. Disable storage autoscaling.



- This will setup the connectivity with EC2 and choose instance created before.



- Set VPC as default.
- Choose the security group created before in EC2 instance configuration.



- Set Initial database name.
- Disable automated backup.
- Disable encryption.

Additional configuration

Database options, encryption turned off, backup turned off, backtrack turned off, maintenance, CloudWatch Logs, delete protection turned off.

Database options

Initial database name Info

rdsdatabase

If you do not specify a database name, Amazon RDS does not create a database.

DB parameter group Info

default.mariadb10.11

Option group Info

default:mariadb-10-11

Backup

☐ Enable automated backups

Creates a point-in-time snapshot of your database

Encryption

☐ Enable encryption

Choose to encrypt the given instance. Master key IDs and aliases appear in the list after they have been created using the AWS Key Management Service console. Info

Log exports

Select the log types to publish to Amazon CloudWatch Logs

☐ Audit log
☐ Error log
☐ General log
☐ Slow query log

- Disable deletion protection.

Maintenance

Auto minor version upgrade Info

☐ Enable auto minor version upgrade

Enabling auto minor version upgrade will automatically upgrade to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the database.

Maintenance window Info

Select the period you want pending modifications or maintenance applied to the database by Amazon RDS.

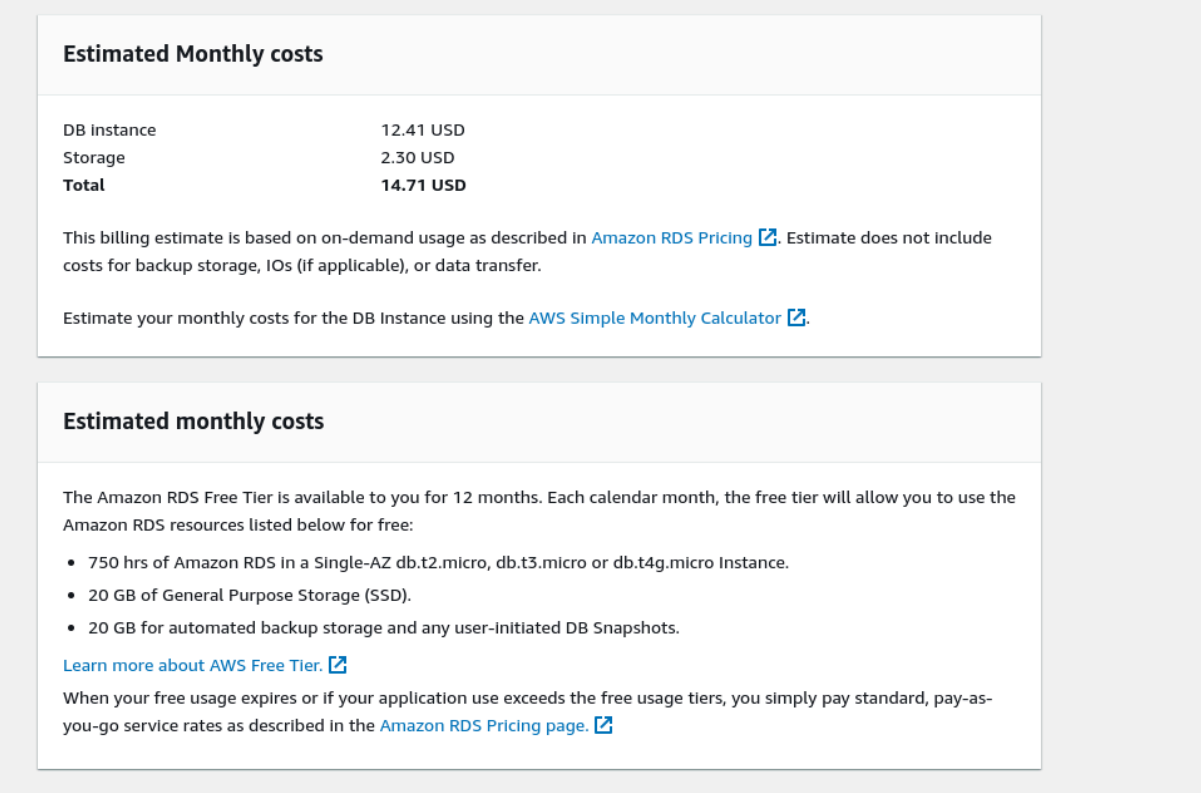
○ Choose a window
◉ No preference

Deletion protection

☐ Enable deletion protection

Protects the database from being deleted accidentally. While this option is enabled, you can't delete the database.

- At last,it will show monthly cost of RDS.



- Select Create Database.
- Wait for some minute to create database