

1. Sign into **AWS Management Console**.
2. Open the **RDS console**.
3. In the upper-right corner, choose the region where you wish to create your instance.
4. In the navigation pane, click on '**Databases**'.
5. Click on '**Create database**'.
6. Make sure '**Standard create**' is chosen, then click on MySQL (or the database which you wish to create an RDS database instance).

Below is the snip that shows this operation.

The screenshot shows the 'Create database' page in the AWS RDS console. The page is divided into two main sections: 'Choose a database creation method' and 'Engine options'.

Choose a database creation method

- ☒ **Standard Create**
You set all of the configuration options, including ones for availability, security, backups, and maintenance.
- ☐ **Easy Create**
Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

Engine options

Engine type

- ☐ Amazon Aurora
- ☒ **MySQL**
- ☐ MariaDB
- ☐ PostgreSQL
- ☐ Oracle
- ☐ Microsoft SQL Server

Edition

- ☒ **MySQL Community**

7. In the '**Templates**' tab, click on the '**Dev/Test**' option.
8. In the '**Setting**' tab, set the following values:
 - DB instance identifier
 - Master username
 - Auto Generate a password
 - Master password
 - Confirm password

Settings

DB instance identifier [Info](#)
Type a name for your DB instance. The name must be unique cross all DB instances owned by your AWS account in the current AWS Region.

tutorial-db-instance

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constrains: 1 to 60 alphanumeric characters or hyphens (1 to 15 for SQL Server). First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ **Credentials Settings**

Master username [Info](#)
Type a login ID for the master user of your DB instance.

tutorial_user

1 to 16 alphanumeric characters. First character must be a letter.

☐ **Auto generate a password**
Amazon RDS can generate a password for you, or you can specify your own password

Master password [Info](#)

••••••••

Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), "(double quote) and @ (at sign).

Confirm password [Info](#)

••••••••

9. In the 'DB instance size' option, give a value for the following variables:

- DB instance performance types
- DB instance class

DB instance size

DB instance performance type [Info](#)

☐ Standard
☐ Memory Optimized
☒ Burstable

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.

db.t2.small
1 vCPUs 2 GiB RAM Not EBS Optimized ▼

☒ Include previous generation classes

10. In the '**Storage**' and '**Availability & durability**' section, leave the default values as is.

11. In the '**Connectivity**' section, click on the 'Additional connectivity configuration' and set the below values in it:

- Virtual Private Cloud (VPC)
- Subnet group
- Publicly accessible- No
- VPC security groups
- Availability zone- No preference
- Database port- 3306

The same is displayed in the below screenshot:

Connectivity

Virtual Private Cloud (VPC) [Info](#)
VPC that defines the virtual networking environment for this DB instance.

tutorial-vpc (vpc-)

Only VPCs with a corresponding DB subnet group are listed.

ⓘ After a database is created, you can't change the VPC selection.

▼ **Additional connectivity configuration**

Subnet group [Info](#)
DB subnet group that defines which subnets and IP ranges the DB instance can use in the VPC you selected.

tutorial-db-subnet-group

Publicly accessible [Info](#)

☐ Yes
Amazon EC2 instances and devices outside the VPC can connect to your database. Choose one or more VPC security groups that specify which EC2 instances and devices inside the VPC can connect to the database.

☒ No
RDS will not assign a public IP address to the database. Only Amazon EC2 instances and devices inside the VPC can connect to your database.

VPC security group
Choose one or more RDS security groups to allow access to your database. Ensure that the security group rules allow incoming traffic from EC2 instances and devices outside your VPC. (Security groups are required for publicly accessible databases.)

☒ Choose existing
Choose existing VPC security groups

☐ Create new
Create new VPC security group

Existing VPC security groups

Choose VPC security groups

tutorial-db-securitygroup X

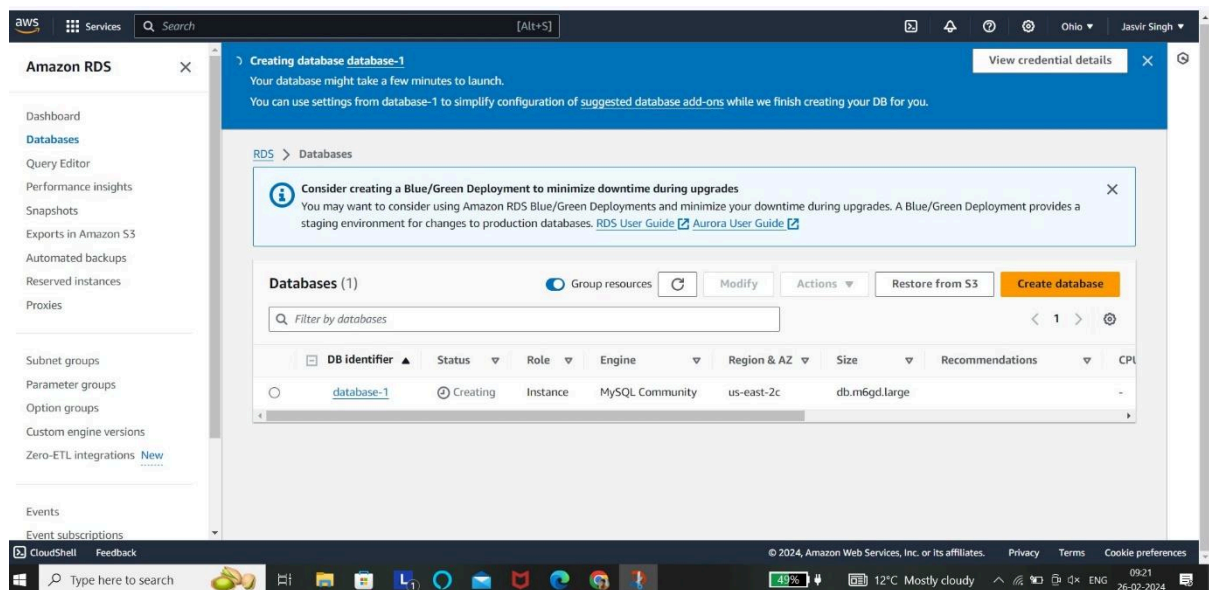
Availability zone [Info](#)

No preference

Database port [Info](#)
TCP/IP port the database will use for application connections.

3306

12. Click on the '**Additional configuration**' tab, and provide a name for the '**Initial database name**' variable. The default settings for other options need to be kept the same.
13. Now click on '**Create database**'.



And the RDS will be created after few minutes.