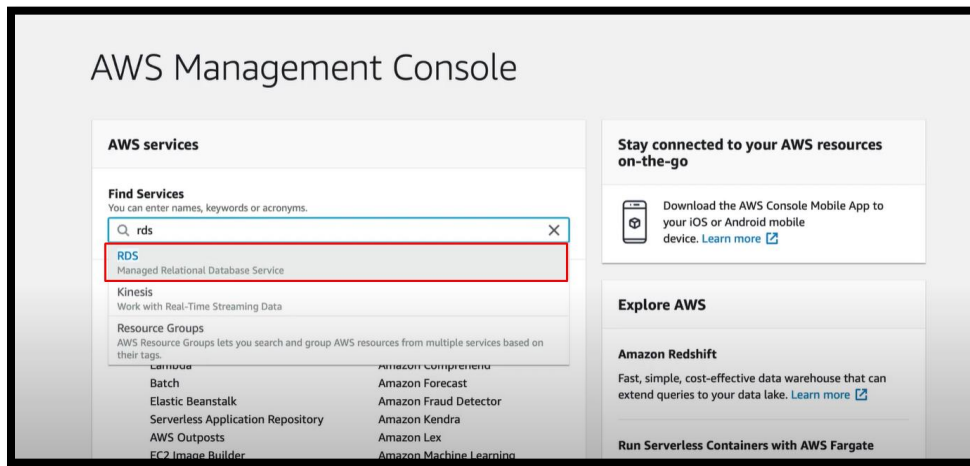
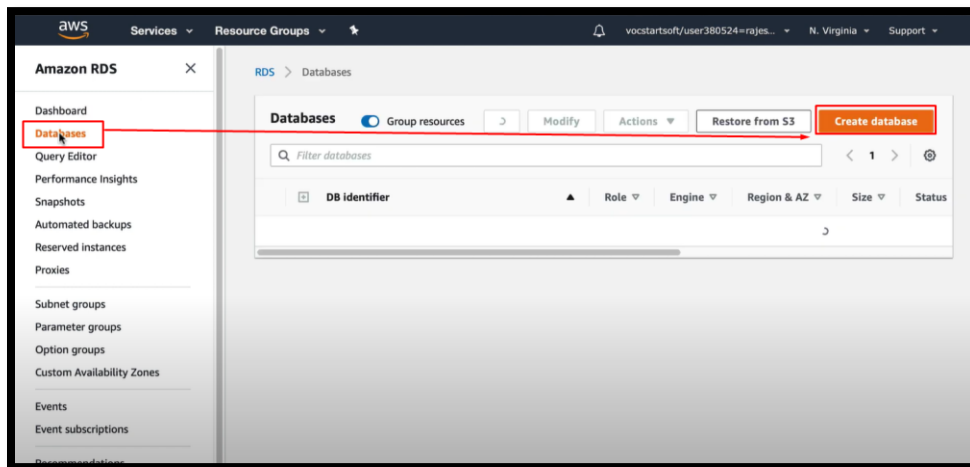


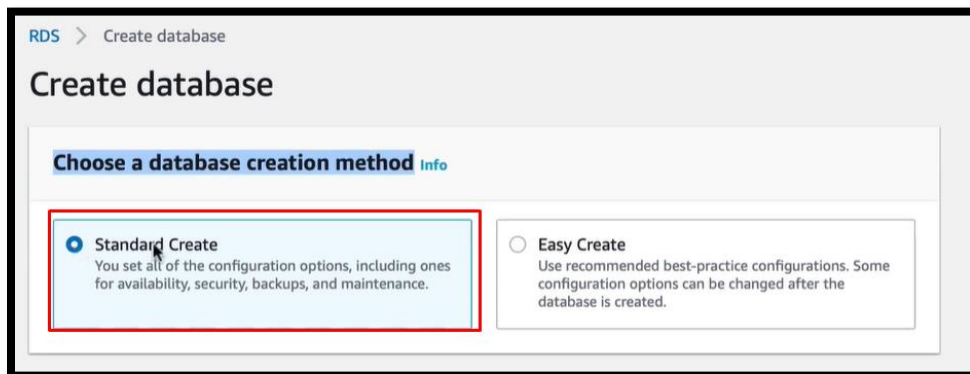
Step 1: Search for RDS



Step 2: Under Databases, Click on Create Database.





Step 3: Select Standard Create & MySQL as engine.





Engine options


Engine type [Info](#)


☐ Amazon Aurora


☒ MySQL


☐ MariaDB


☐ PostgreSQL


☐ Oracle


☐ Microsoft SQL Server


Edition

☒ MySQL Community

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](#)

Step 4: Provide Database name & under Credential Settings provide Master Username.

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.

master2teac

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 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.

postgres

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

▼ Credentials Settings

Master username [Info](#)

Type a login ID for the master user of your DB instance.

admin

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](#)

Step 5: Select DB Instance Size.

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.m4.large

2 vCPUs 8 GiB RAM EBS: 450 Mbps

☐ Include previous generation classes

Step 6: Select Storage space.

Storage

Storage type [Info](#)

General Purpose (SSD)

Allocated storage

20 GiB

(Minimum: 20 GiB, Maximum: 65536 GiB) Higher allocated storage [may improve](#) IOPS performance.

i Provisioning less than 100 GiB of General Purpose (SSD) storage for high throughput workloads could result in higher latencies upon exhaustion of the initial General Purpose (SSD) IO credit balance. [Learn more](#)

Step 7: Select the desired VPC.

Availability & durability

Multi-AZ deployment [Info](#)

- ☐ Create a standby instance (recommended for production usage)
Creates a standby in a different Availability Zone (AZ) to provide data redundancy, eliminate I/O freezes, and minimize latency spikes during system backups.
- ☒ Do not create a standby instance

Connectivity

Virtual private cloud (VPC) [Info](#)

VPC that defines the virtual networking environment for this DB instance.

Default VPC (vpc-b96907c3)

Only VPCs with a corresponding DB subnet group are listed.

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

► Additional connectivity configuration

Step 8: Select Database Authentication.

Database authentication

Database authentication options [Info](#)

- ☒ **Password authentication**
Authenticates using database passwords.
- ☐ **Password and IAM database authentication**
Authenticates using the database password and user credentials through AWS IAM users and roles.
- ☐ **Password and Kerberos authentication (not available for this version)**
Choose a directory in which you want to allow authorized users to authenticate with this DB instance using Kerberos Authentication.

Step 9: Finally, click on 'Create Database'.

Estimated monthly costs

| | |
|--------------|-------------------|
| DB instance | 127.75 USD |
| Storage | 0.92 USD |
| Total | 128.67 USD |

This billing estimate is based on on-demand usage as described in [Amazon RDS Pricing](#). Estimate does not include costs for backup storage, IOs (if applicable), or data transfer.

Estimate your monthly costs for the DB Instance using the [AWS Simple Monthly Calculator](#).

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](#)

Step 10: Our Database is successfully launched.

Amazon RDS

- Dashboard
- Databases**
- Query Editor
- Performance Insights
- Snapshots
- Automated backups
- Reserved instances
- Proxies
- Subnet groups

Successfully created database master2teach-rds-db. [View credential details](#)

RDS > Databases

Databases

☒ Group resources

Modify

Actions

Restore from S3

Create database

☒ DB identifier

Role

Engine

Region & AZ

Size

| | | | | | |
|-----------------------|---------------------|----------|-----------------|------------|---------|
| <input type="radio"/> | master2teach-rds-db | Instance | MySQL Community | us-east-1f | db.m4.l |
|-----------------------|---------------------|----------|-----------------|------------|---------|