

In this lab, users get practical experience with AWS S3 for storage and AWS RDS for relational database management, learning to link these services with their EC2 instance.

Set Up an AWS RDS Instance

1. Go to the RDS service in AWS Console and click "Create database".
2. Choose a database creation method, and select a template (e.g., Free Tier).
3. Select the database engine (e.g., MySQL, PostgreSQL).
4. Configure the DB instance (DB instance identifier, master username, and password).
5. Set the instance size to `db.t2.micro` for free tier eligibility.
6. Proceed with default settings and create the database.

Task 4: Connect the RDS Database to the EC2 Instance

1. Note the endpoint and port of the RDS instance.
2. Connect to your EC2 instance via SSH.

```
```bash
ssh -i /path/to/myKeyPair.pem ec2-user@<Your-Instance-IP>
```
```

3. Install MySQL client:

```
```bash
sudo yum install mysql -y
```
```

4. Connect to the RDS instance:

```
```bash
mysql -h <RDS-endpoint> -P <port> -u <username> -p
```
```

5. When prompted, enter the password.
6. Perform basic SQL operations (CREATE, SELECT, INSERT, UPDATE, DELETE).