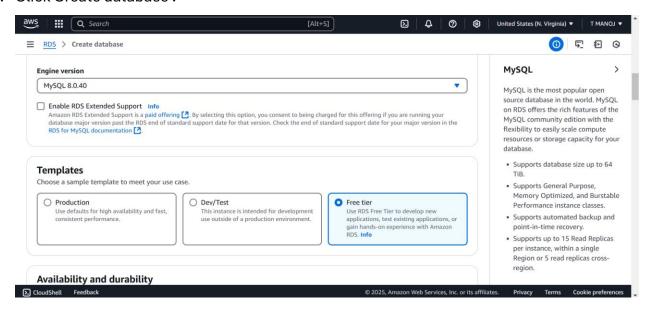
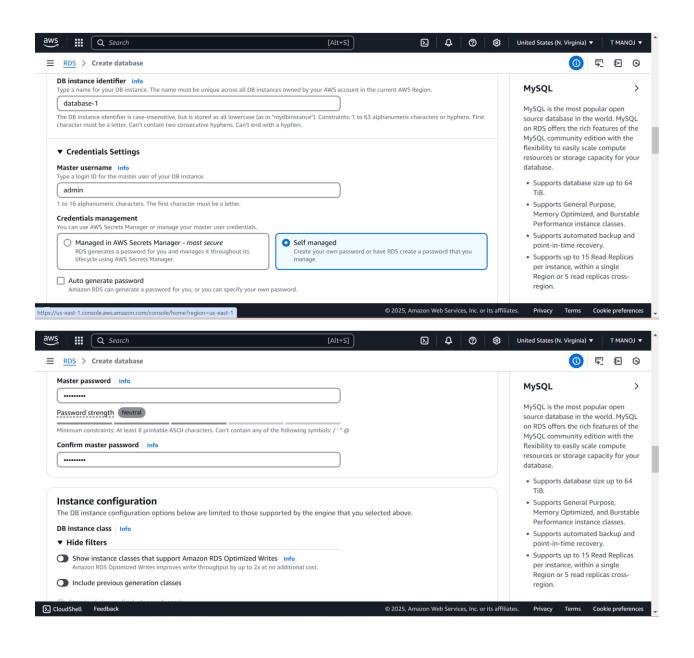
CREATION OF RDS DATABASE AND READ REPLICA

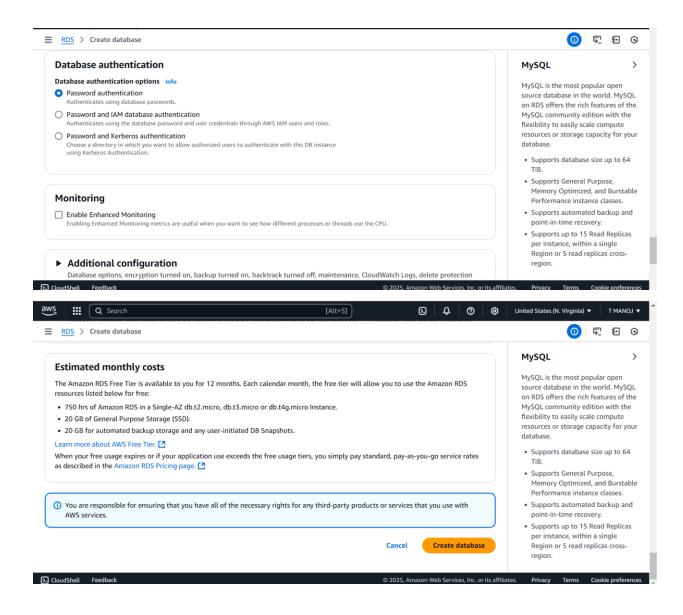
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1. Create an RDS Database Instance

- 1. Log in to the AWS Management Console.
- 2. Navigate to RDS and click Create database.
- 3. Choose the database engine (MySQL).
- 4. Set Public accessibility to Yes (if needed).
- 5. Click Create database.

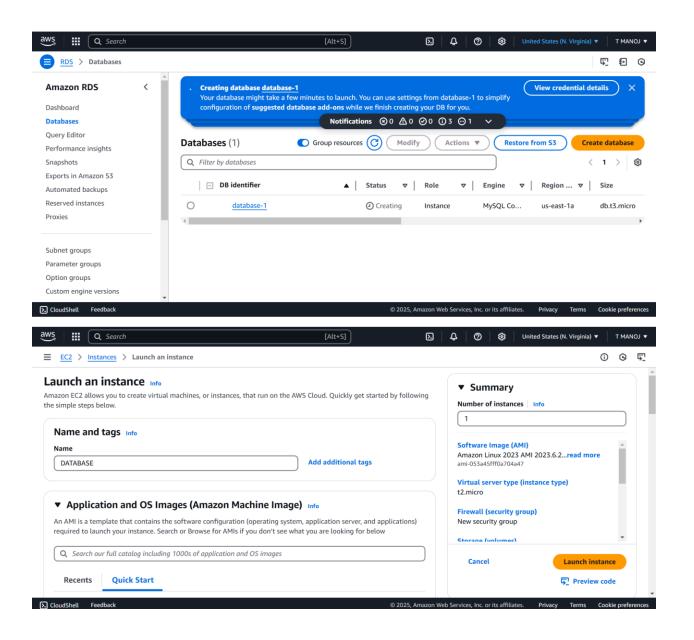


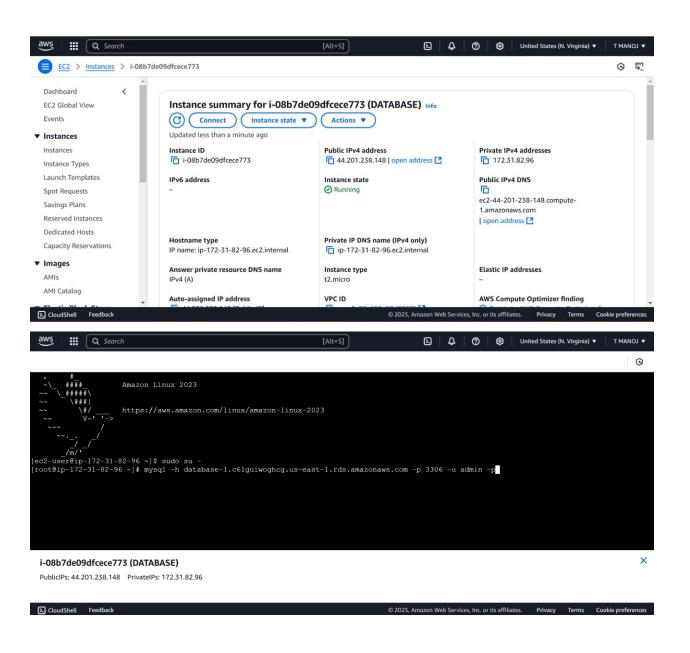


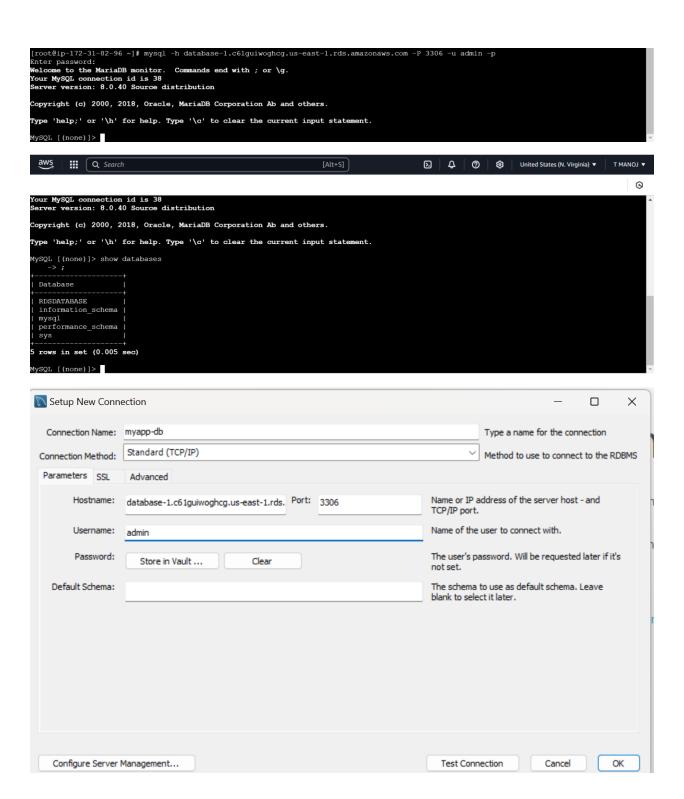


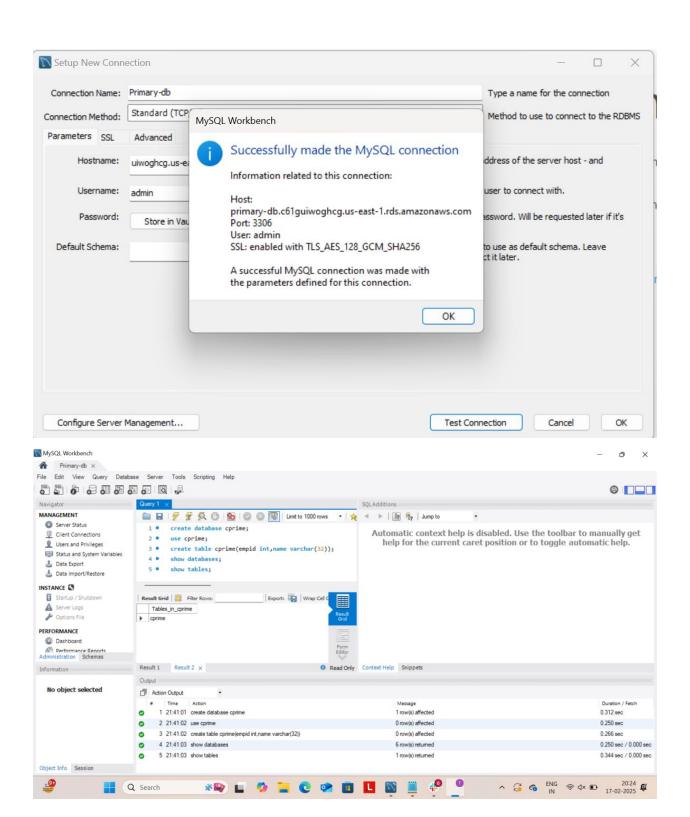
2. Connect to RDS Using MySQL Workbench

- 1. Get the RDS endpoint from the RDS dashboard.
- Open MySQL Workbench and create a new connection.
- 3. Provide connection details (e.g., hostname, username, password).
- 4. Click Test Connection and connect.
- 5. Run your 10 queries to verify connectivity and output.



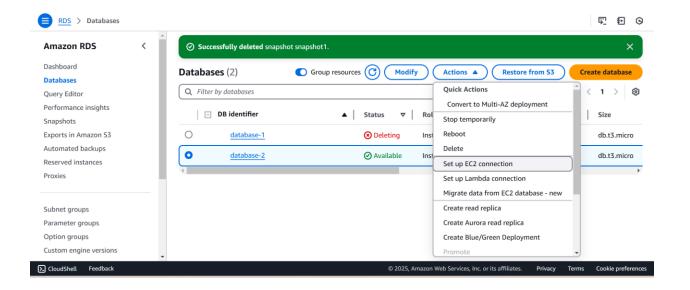






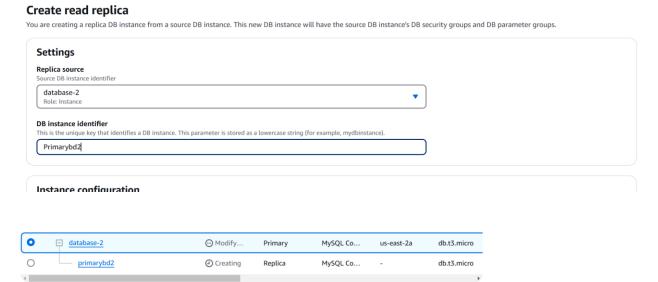
3. Create a Read Replica

- 1. In the RDS Console, select the primary DB instance.
- 2. Click Actions and select Create read replica.
- 3. Configure the read replica settings.
- 4. Click Create read replica and wait for it to become available.



4. Connect to the Read Replica

- 1. Get the read replica endpoint.
- 2. In MySQL Workbench, create a new connection with the replica's endpoint.
- 3. Click Test Connection to ensure the connection works.



5. Delete the Primary Database (for testing)

- 1. In the RDS Console, select the primary DB instance.
- 2. Click Actions and select Delete.
- 3. Confirm deletion.