

LAB | Create and Manage an RDS Database

Create an RDS Database

The screenshot shows the AWS Aurora and RDS console. A green success message at the top states: "Successfully created database app-db-vijaya. You can use settings from app-db-vijaya to simplify configuration of suggested database add-ons while we finish creating your DB for you." Below this, the "app-db-vijaya" database summary is displayed. Key details include:

- Status:** Available
- Role:** Instance
- Engine:** MySQL Community
- Region & AZ:** us-east-1b

The "Connectivity & security" tab is selected, showing the following information:

- Endpoint:** app-db-vijaya.c8dksll68r5i.us-east-1.rds.amazonaws.com
- VPC:** vpc-0c191489f702038c7
- Port:** 3306
- Networking:** Availability Zone: us-east-1b
- Security:** VPC security groups: app-db-sg-vijaya (sg-0f21a98566ce74a5e) (Active)

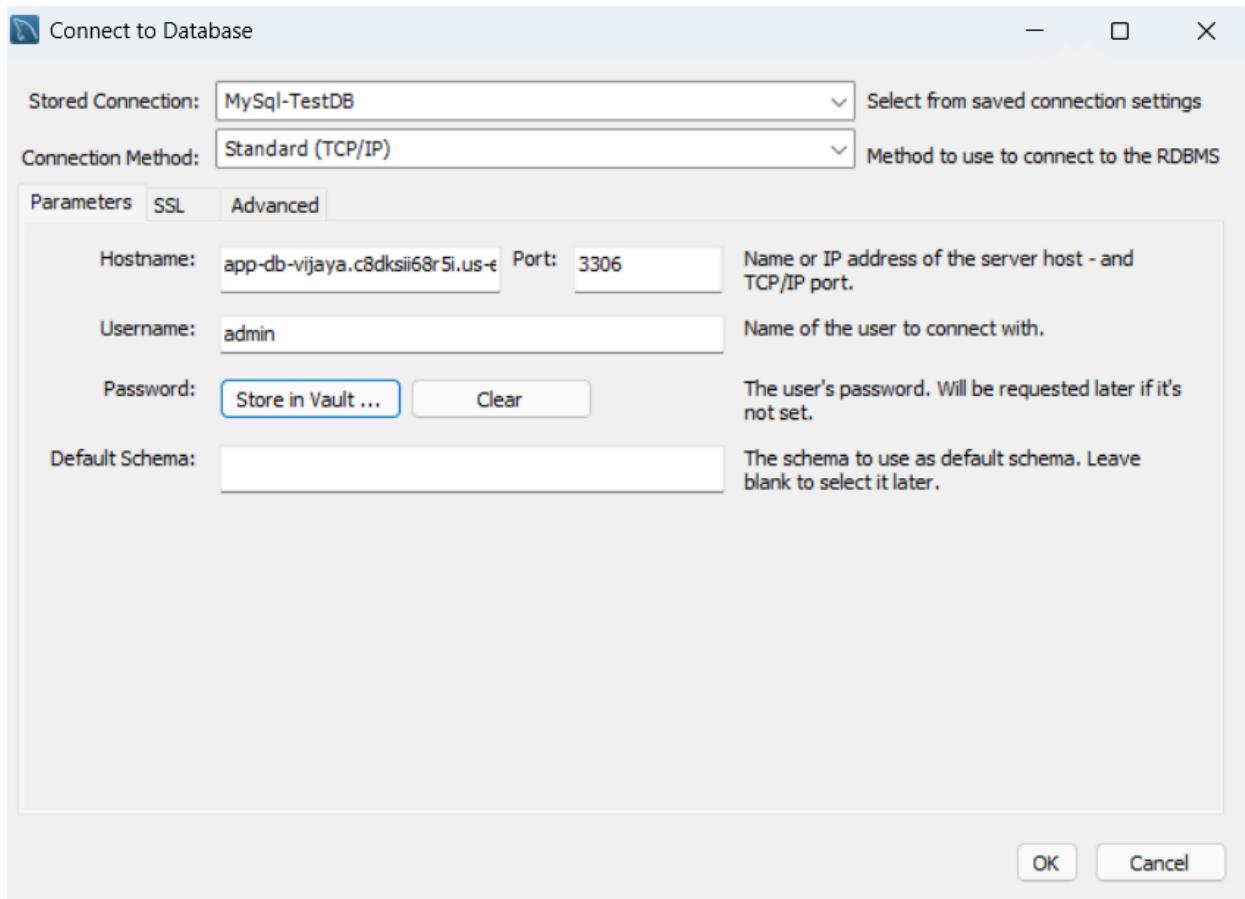
The screenshot shows the AWS EC2 Security Groups console. A green success message at the top states: "Inbound security group rules successfully modified on security group (sg-0f21a98566ce74a5e | app-db-sg-vijaya). Details". Below this, the "sg-0f21a98566ce74a5e - app-db-sg-vijaya" security group details are shown:

- Details:** Security group name: app-db-sg-vijaya, Security group ID: sg-0f21a98566ce74a5e, Owner: 686699774218, Description: Allow SSH access, VPC ID: vpc-0c191489f702038c7.
- Inbound rules:** Inbound rules count: 2 Permission entries.

The "Inbound rules" table lists two entries:

Name	Security group rule ID	IP version	Type	Protocol	Port range	Source	Description
sgr-00fa8c6c998d5917	IPv4	MYSQL/Aurora	TCP	3306	62.45.86.146/32	-	
sgr-0c9c53fadfcba43e5	IPv4	All TCP	TCP	0 - 65535	0.0.0.0/0	-	

Connect to the RDS Database



MySQL Workbench

MySQL-TestDB

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

appdb

- Tables
 - users
- Views
- Stored Procedures
- Functions

sys

SQL File 2* SQL File 3*

1 • SELECT * FROM users;

Result Grid Filter Rows: Export: Wrap Cell Content:

	name	email	date_registered
▶	Tom	tom@company.com	2026-01-21 15:42:45
▶	Tope	tope@company.com	2026-01-21 15:42:45
▶	Uki	uki@company.com	2026-01-21 15:42:45

This screenshot shows the MySQL Workbench interface. The 'MySQL-TestDB' database is selected. The 'SCHEMAS' pane shows the 'appdb' schema with its tables ('users'), views, stored procedures, and functions. The 'sys' schema is also listed. The 'SQL File 3*' tab contains the query 'SELECT * FROM users;'. The results are displayed in a 'Result Grid' table with columns 'name', 'email', and 'date_registered'. The table contains three rows of data: Tom (tom@company.com, 2026-01-21 15:42:45), Tope (tope@company.com, 2026-01-21 15:42:45), and Uki (uki@company.com, 2026-01-21 15:42:45).

