

LAB | Create and Manage an RDS Database

Create an RDS Database

The image shows two screenshots of the AWS Management Console. The top screenshot displays the 'app-db-vijaya' RDS database instance, and the bottom screenshot displays its associated security group.

Top Screenshot: RDS Database 'app-db-vijaya'

Summary

DB identifier	Status	Role	Engine	Recommendations
app-db-vijaya	Available	Instance	MySQL Community	
CPU	Class	Current activity	Region & AZ	
-	db.t3.micro	0 Connections	us-east-1b	

Connectivity & security

Endpoint & port

Endpoint	Availability Zone	Port
app-db-vijaya.c8dksil68r5l.us-east-1.rds.amazonaws.com	us-east-1b	3306

Networking

VPC	Subnet group	Subnets
vpc-0c191489f702038c7	default-vpc-0c191489f702038c7	subnet-0f52075085f696616 subnet-09d669e94b64127dd

Security

VPC security groups	Publicly accessible	Certificate authority	Certificate authority date
app-db-sg-vijaya (sg-0f21a98566ce74a5e)	Yes	rds-ca-rs2048-g1	May 26, 2061, 01:34 (UTC+02:00)

Bottom Screenshot: Security Group 'sg-0f21a98566ce74a5e'

Details

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

Inbound rules (1/2)

Name	Security group rule ID	IP version	Type	Protocol	Port range	Source	Description
-	sgr-0c0fa8c6c998d5917	IPv4	MySQL/Aurora	TCP	3306	62.45.86.146/32	-
-	sgr-0c9c53fadfcb43e5	IPv4	All TCP	TCP	0 - 65535	0.0.0.0/0	-

Connect to the RDS Database

Connect to Database

Stored Connection: Select from saved connection settings

Connection Method: Method to use to connect to the RDBMS

Parameters **SSL** Advanced

Hostname: Port: Name or IP address of the server host - and TCP/IP port.

Username: Name of the user to connect with.

Password: The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

MySQL Workbench

MySQL-TestDB x

File Edit View Query Database Server Tools Scripting Help

SQL File 2* SQL File 3* x

Limit to 1000 rows

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

