

CREATED A RDS

The screenshot shows the AWS RDS 'Databases' page with one entry:

DB identifier	Status	Role	Engine	Region	Size
database-1	Available	Instance	MySQL Community	eu-north-1b	db.t4g.micro

Below this, the detailed view for 'database-1' is shown under the 'Summary' tab:

DB identifier	Status	Role	Engine	Recommendations
database-1	Available	Instance	MySQL Community	
CPU	4.67%	Class	db.t4g.micro	Region & AZ eu-north-1b

The 'Connectivity & security' tab is selected, displaying the following details:

Endpoint & port	Networking	Security
Endpoint: database-1.c9ueiac0wa36.eu-north-1.rds.amazonaws.com	Availability Zone: eu-north-1b	VPC security groups: vpc1 (sg-083ddc5b2f30bd257)
Port: 3306	VPC: vpc-08228f753043871ca	Active: rds-ec2-1 (sg-0d15525cb724502c8)
	Subnet group: rds-ec2-db-subnet-group-1	Active: rds-ca-rsa2048-g1
	Subnets: subnet-0f79c9988d8d2d1b5, subnet-02b3ac04be76d2f93, subnet-0b52383ab2574b690	Publicly accessible: No
		Certificate authority: rds-ca-rsa2048-g1
		Certificate authority date: May 25, 2061, 03:29 (UTC+05:30)

ATTACHED TO EC2 INSTANCE

```
[ec2-user@ip-172-31-36-85 ~]$ mysql -h database-1.c9ueiac0wa36.eu-north-1.rds.amazonaws.com -u bhola -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 37
Server version: 8.0.42 Source distribution

Copyright (c) 2000, 2025, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database      |
+-----+
| B1           |
| information_schema |
| mysql         |
| performance_schema |
| sys           |
+-----+
5 rows in set (0.00 sec)

mysql> use B1;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

```
mysql> use B1;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from mysql_students;
+----+-----+-----+
| id | name      | collage |
+----+-----+-----+
| 1  | Amit Kumar | IIT     |
| 2  | Priya Singh | NIT     |
| 3  | Rohit Sharma | DU     |
| 4  | Sneha Patel | PU     |
| 5  | Arjun Mehta | MU     |
| 6  | Neha Gupta | IIT     |
| 7  | Rahul Verma | NIT     |
| 8  | Simran Kaur | CU     |
| 9  | Vikas Yadav | BHU    |
| 10 | Ananya Roy | JU     |
+----+-----+-----+
10 rows in set (0.00 sec)

mysql> █
```