

Capacity type [Info](#)

Edition

MySQL Community



Known issues/limitations

Review the [Known issues/limitations](#) to learn about potential compatibility issues with specific database versions.

Version

MySQL 5.7.22 ▼



MySQL engine versions earlier than 8.0.17 don't support the newest m6g or r6g generation instance classes.

Templates

Choose a sample template to meet your use case.

Templates

Choose a sample template to meet your use case.

☐ **Production**

Use defaults for high availability and fast, consistent performance.

☐ **Dev/Test**

This instance is intended for development use outside of a production environment.

☒ **Free tier**

Use RDS Free Tier to develop new applications, test existing applications, or gain hands-on experience with Amazon RDS.

[Info](#)

Settings

DB instance identifier [Info](#)

Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.

database-1

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ Credentials Settings



Settings

DB instance identifier [Info](#)

Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.

my-first-database-1

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ Credentials Settings

Master username [Info](#)

Type a login ID for the master user of your DB instance.

vaibhavjoshi

1 to 16 alphanumeric characters. First character must be a letter

☐ Auto generate a password

Amazon RDS can generate a password for you, or you can specify your own password

Master password [Info](#)

📘 After a database is created, you can't change the VPC selection.

Subnet group [Info](#)

DB subnet group that defines which subnets and IP ranges the DB instance can use in the VPC you selected.

default ▼

Public access [Info](#)

☒ Yes

Amazon EC2 instances and devices outside the VPC can connect to your database. Choose one or more VPC security groups that specify which EC2 instances and devices inside the VPC can connect to the database.

☐ No

RDS will not assign a public IP address to the database. Only Amazon EC2 instances and devices inside the VPC can connect to your database.

VPC security group

Choose a VPC security group to allow access to your database. Ensure that the security group rules allow the appropriate incoming traffic.

☒ **Choose existing**
Choose existing VPC security groups

☐ **Create new**
Create new VPC security group

Existing VPC security groups

Choose VPC security groups ▼

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RDS Management Console

←→↺🏠

https://us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#launch-dbinstance:gdb=faletcs3-inpor

☆🔒🔑

aws

Services ▾

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☰

Storage type [Info](#)

General Purpose (SSD) ▾

Allocated storage

20 ▾

GiB

(Minimum: 20 GiB, Maximum: 16,384 GiB) Higher allocated storage **may improve** IOPS performance.

Storage autoscaling [Info](#)

Provides dynamic scaling support for your database's storage based on your application's needs.

☒ Enable storage autoscaling

Enabling this feature will allow the storage to increase once the specified threshold is exceeded.

Maximum storage threshold [Info](#)

Charges will apply when your database autoscales to the specified threshold

1000 ▾

GiB

Minimum: 21 GiB, Maximum: 16,384 GiB

Availability & durability

VPC security group

Choose a VPC security group to allow access to your database. Ensure that the security group rules allow the appropriate incoming traffic.

☐ Choose existing
Choose existing VPC security groups

☒ Create new
Create new VPC security group

New VPC security group name

my-first-RDS-Security-group

Availability Zone [Info](#)

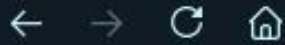
No preference ▼

► Additional configuration

Database authentication

Database authentication options [Info](#)

☒ Password authentication
Authenticates using database passwords.



Services ▼



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Choose existing VPC security groups

Create new VPC security group

New VPC security group name

my-first-RDS-Security-group

Availability Zone [Info](#)

No preference



▼ Additional configuration

Database port [Info](#)

TCP/IP port that the database will use for application connections.

3306



Database authentication

Database authentication options [Info](#)



Password authentication

Authenticates using database passwords.

**Enable deletion protection**

Protects the database from being deleted accidentally. While this option is enabled, you can't delete the database.

Estimated monthly costs

The Amazon RDS Free Tier is available to you for 12 months. Each calendar month, the free tier will allow you to use the Amazon RDS resources listed below for free:

- 750 hrs of Amazon RDS in a Single-AZ db.t2.micro Instance.
- 20 GB of General Purpose Storage (SSD).
- 20 GB for automated backup storage and any user-initiated DB Snapshots.

[Learn more about AWS Free Tier.](#) [↗](#)

When your free usage expires or if your application use exceeds the free usage tiers, you simply pay standard, pay-as-you-go service rates as described in the [Amazon RDS Pricing page.](#) [↗](#)



You are responsible for ensuring that you have all of the necessary rights for any third-party products or services that you use with AWS services.

Cancel

~ Create database

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RDS Management Console

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https://us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#databases:

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Amazon RDS

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Dashboard

Databases

Query Editor

Performance Insights

Snapshots

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations

▶ Creating database my-first-database-1

View credential details

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Your database might take a few minutes to launch. We have generated your database master password during the database creation and will be displayed in the credential details. This is the only time you will be able to view this password. However you can modify your database to create a new password at any time.

RDS > Databases

Databases

🔵 Group resources

🔄

Modify

Actions ▾

Restore from S3

Create database

🔍 Filter databases

< 1 > ⚙️

	DB identifier	Role ▾	Engine ▾	Region & AZ ▾	Size ▾	Stat
○	my-first-database-1	Instance	MySQL Community	-	db.t2.micro	🕒 ⌂

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FeedbackEnglish (US) ▾

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☁️ 27°C Light rain ⬆️🔋🔊🌧️📶ENG10:26 AM7/17/2021🗨️

RDS > Databases > my-first-database-1

my-first-database-1

Modify

Actions

Summary

DB identifier	CPU	Status	Class
my-first-database-1	-	Creating	db.t2.micro
Role	Current activity	Engine	Region & AZ
Instance		MySQL Community	us-east-2c

- Connectivity & security
- Monitoring
- Logs & events
- Configuration
- Maintenance & backups
- Tags

Connectivity & security

Endpoint & port

Networking

Security

Management Console

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https://us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#database:id=my-first-database-1&id=...

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Connectivity & security

Monitoring

Logs & events

Configuration

Maintenance & backups

Tags

Instance

Configuration

DB instance ID

my-first-database-1

Engine version

5.7.22

DB name

mydb

License model

General Public License

Option groups

default:mysql-5-7

Instance class

Instance class

db.t2.micro

vCPU

1

RAM

1 GB

Availability

Master username

vaibhavjoshi

IAM DB authentication

Storage

Encryption

Not enabled

Storage type

General Purpose (SSD)

IOPS

-

Storage

20 GiB

Storage autoscaling

Disabled

Performance Insights

Performance Insights enabled

No

Database activity stream

Status

⊖ Stopped

Backup

Automated backups

Enabled (7 Days)

Copy tags to snapshots

Enabled

Latest restore time

...

Backup window

08:39-09:09 UTC (GMT)

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https://us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#databaseid=my-first-database...is-cluster

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Amazon RDS

DashboardDatabasesQuery EditorPerformance InsightsSnapshotsAutomated backupsReserved instancesProxiesSubnet groupsParameter groupsOption groupsEventsEvent subscriptionsRecommendations

Connectivity & securityMonitoringLogs & eventsConfigurationMaintenance & backupsTags

Connectivity & security

Endpoint & port

Endpointmy-first-database-1.cegrx8krc3qj.us-east-2.rds.amazonaws.com

Port3306

Networking

Availability zoneus-east-2c

VPCvpc-8fda61e4

Subnet groupdefault-vpc-8fda61e4

Subnets
subnet-a38122c8
subnet-c6e2a38a
subnet-63dfc619

Security

VPC security groups
my-first-RDS-Security-group (sg-0c922a3cd8f7ada2a) (active)

Public accessibilityYes

Certificate authorityrds-ca-2019

Certificate authority date
August 22, 2024, 10:38 (UTC±10:38)

CPU Utilization (Percent)



DB Connections (Count)



Free Storage Space (MB/Second)



Freeable Memory (MB)



ToolsHelp

RDS Management Console

https://us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#database:id=my-first-database-1;is-cluster=...

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Deleting DB instance my-first-database-1.

RDS > Databases > my-first-database-1

my-first-database-1

ModifyActions

Summary

DB identifier my-first-database-1	CPU <div>5.83%</div>	Status Backing-up	Class db.t2.micro
Role Instance	Current activity <div>0 Connections</div>	Engine MySQL Community	Region & AZ us-east-2c

Connectivity & security

Monitoring

Logs & events

Configuration

Maintenance & backups

Tags

CloudWatch (10)

Refresh

Add instance to compare

Monitoring

Last Hour