



Setting up a database on AWS


Data Engineering


AWS is the biggest cloud compute provider


Explore Our Products



Analytics



Application Integration



AR & VR



AWS Cost Management



Blockchain



Amazon Athena
Query data in S3 using SQL



Amazon CloudSearch
Managed search service



Amazon Elasticsearch Service
Run and scale Elasticsearch clusters



Amazon EMR
Hosted Hadoop framework



Amazon Kinesis
Analyze real-time video and data streams



Amazon Managed Streaming for Apache Kafka
Fully managed Apache Kafka service



Amazon Redshift
Fast, simple, cost-effective data warehousing



Amazon QuickSight
Fast business analytics service



AWS Data Exchange
Find, subscribe to, and use third-party data in the cloud



AWS Data Pipeline
Orchestration service for periodic, data-driven workflows



AWS Glue
Prepare and load data



AWS Lake Formation
Build a secure data lake in days



Business Applications



Compute



Containers



Customer Engagement



Database



Developer Tools



End User Computing



Front-End Web & Mobile



Game Tech



Internet of Things



Machine Learning



Management & Governance



Media Services



Migration & Transfer



Networking & Content Delivery


Quantum Technologies


Robotics


Satellite


Security, Identity & Compliance


Storage

Sign up for AWS

— — —

One year Free Tier for new accounts

Explore Free Tier products with a new AWS account.

To learn more, visit aws.amazon.com/free.



Sign up for AWS

Root user email address

Used for account recovery and as described in the [AWS Privacy Notice](#)

AWS account name

Choose a name for your account. You can change this name in your account settings after you sign up.

Verify email address

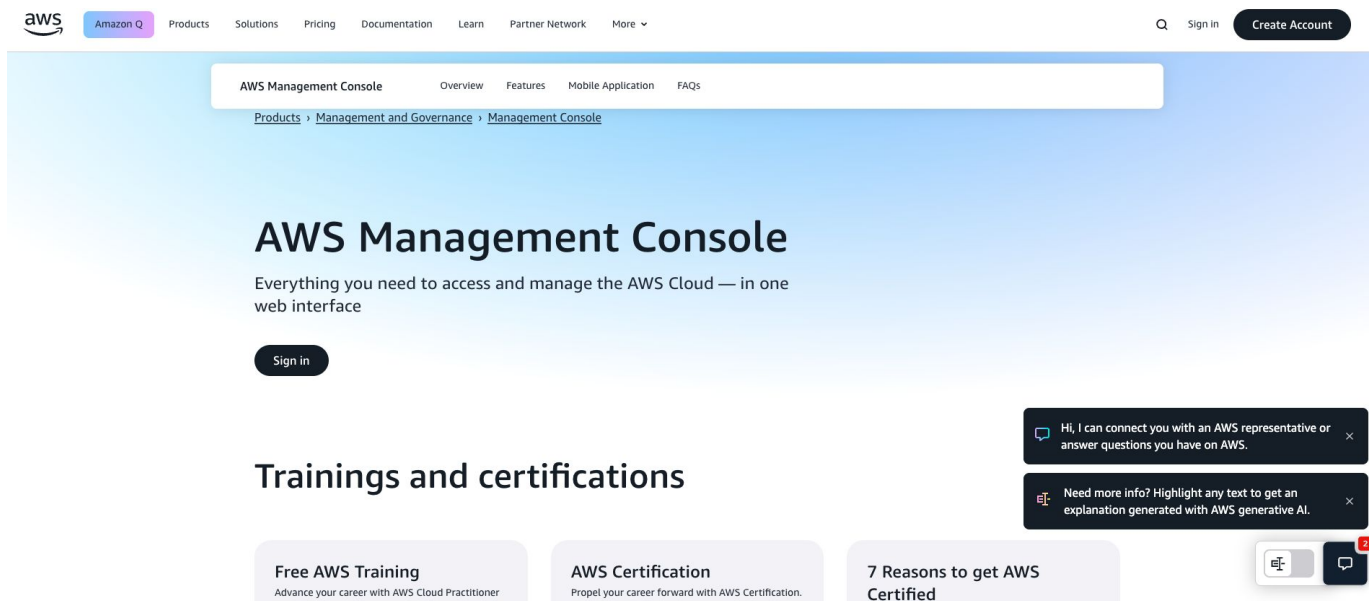
OR

Sign in to an existing AWS account

Signing into AWS

— — —

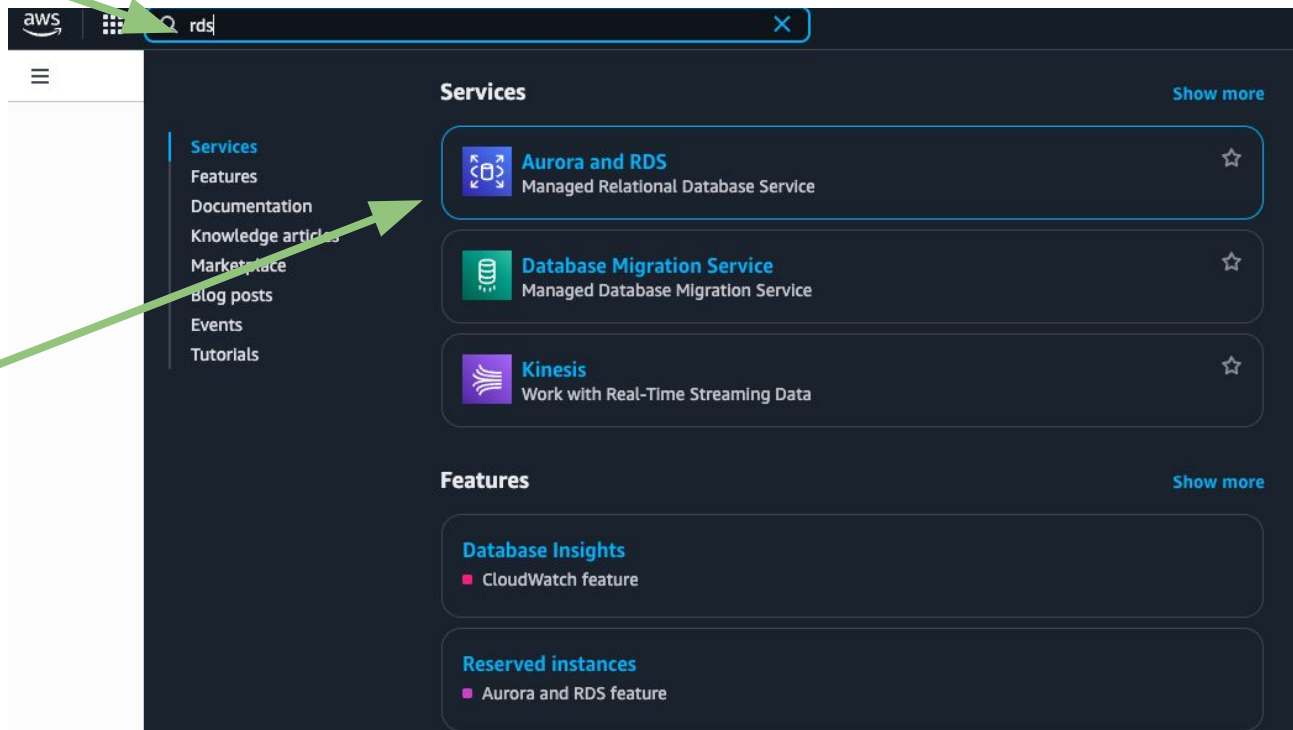
- <https://aws.amazon.com/console/>
- Sign in as a root user



Getting to RDB management console

1 - Search for RDS

2 - Click RDS



Click on DB
instances

Introducing Aurora I/O-Optimized

Aurora's I/O-Optimized [\[2\]](#) is a new cluster storage configuration that offers predictable pricing for all applications and improved price-performance, with up to 4x

Resources

Refresh

You are using the following Amazon RDS resources in the US East (N. Virginia) region (used/quota)

DB Instances (0/40)

Allocated storage (0 TB/100 TB)

Instances and storage include Neptune and DocumentDB. [Increase DB instances limit \[2\]](#)

DB Clusters (0/40)

Reserved Instances (0/40)

Snapshots (0)

Manual

DB Cluster (0/100)

DB Instance (0/100)

Automated

DB Cluster (0)

DB Instance (0)

Recent events (0)

Event subscriptions (0/20)

Parameter groups (0)

Default (0)

Custom (0/100)

Option groups (0)

Default (0)

Custom (0/20)

Subnet groups (0/50)

Supported platforms [\[2\]](#) VPC

Default network vpc-04d2f88f80b5ff52b

Create a database

Amazon Relational Database Service (RDS) makes it easy to set up, operate, and scale a relational database in the cloud.

Create a database

You can use a backup from Amazon S3 to restore and create a new Aurora MySQL and MySQL database.

Restore from S3

Note: your DB instances will launch in the **US East (N. Virginia)** region

Creating a database

Click 'Create Database'

☰ [Aurora and RDS](#) > Databases

ⓘ **Consider creating a blue/green deployment to minimize downtime during upgrades** ✕
You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. [RDS User Guide](#) [Aurora User Guide](#)

Databases (0) ☒ Group resources ⌂ Modify Actions ▼ Create database ▼

🔍 *Filter by databases* < 1 > ⚙️

DB identifier	Status	Role	Engine	Region ...
No instances found				

Creating a database - selecting options

Click 'Standard Create'

RDS > Create database

Create database

Choose a database creation method [Info](#)

☒ **Standard create**

You set all of the configuration options, including ones for availability, security, backups, and maintenance.

☐ **Easy create**

Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

Engine options

Engine type [Info](#)

☐ Aurora (MySQL Compatible)



☐ Aurora (PostgreSQL Compatible)



☒ **MySQL**



☐ MariaDB



☐ PostgreSQL



☐ Oracle

ORACLE

☐ Microsoft SQL Server



Edition

☒ **MySQL Community**

Click 'MySQL'

Use 'MySQL 8.0.41'

▼ Hide filters

☐ Show only versions that support the Multi-AZ DB cluster [Info](#)

Create a Multi-AZ DB cluster with one primary DB instance and two readable standby DB instances. Multi-AZ DB clusters provide up to 2x faster transaction commit latency and automatic failover in typically under 35 seconds.

☐ Show only versions that support the Amazon RDS Optimized Writes [Info](#)

Amazon RDS Optimized Writes improves write throughput by up to 2x at no additional cost.

Engine version

MySQL 8.0.41

Creating a database - selecting options

— — —

- Now we need to give it a name, password, username, etc
- Also select how much compute resources to use
- **Really really important to follow directions**

Creating a database - selecting options

Click 'Free tier'

Create instance id.

NOTE: This is just the name in the console, not for accessing

Create username and password.

NOTE: You'll need these credentials to access db from python.

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.

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 63 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.

1 to 16 alphanumeric characters. The first character must be a letter.

Credentials management
You can use AWS Secrets Manager or manage your master user credentials.

- ☐ **Managed in AWS Secrets Manager - most secure**
RDS generates a password for you and manages it throughout its lifecycle using AWS Secrets Manager.
- ☒ **Self managed**
Create your own password or have RDS create a password that you manage.

☐ **Auto generate password**
Amazon RDS can generate a password for you, or you can specify your own password.

Master password [Info](#)

Password strength
Minimum constraints: At least 8 printable ASCII characters. Can't contain any of the following symbols: / ' * @

Confirm master password [Info](#)

Creating a database - selecting options

Select your instance size
– use **'db.t4g.micro'**
Should be the default

Minimum storage is 20gb
(the default).
Deselect autoscaling box
(it's checked here...
uncheck it!).

Instance configuration

The DB instance configuration options below are limited to those supported by the engine that you selected above.

DB instance class [Info](#)

▼ Hide filters

☒ Show instance classes that support Amazon RDS Optimized Writes

[Info](#)

Amazon RDS Optimized Writes improves write throughput by up to 2x at no additional cost.

☐ Include previous generation classes

☐ Standard classes (includes m classes)

☐ Memory optimized classes (includes r and x classes)

☒ Burstable classes (includes t classes)

db.t4g.micro

2 vCPUs 1 GiB RAM Network: Up to 2,085 Mbps

Storage

Storage type [Info](#)

Provisioned IOPS SSD (io2) storage volumes are now available.

General Purpose SSD (gp2)

Baseline performance determined by volume size

Allocated storage [Info](#)

20

GiB

Allocated storage value must be 20 GiB to 6,144 GiB

▼ Additional storage configuration

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 after the specified threshold is exceeded.

Creating a database - selecting options

Don't connect to an EC2 compute resource

CRITICAL – Change 'Public access' to Yes.

CRITICAL – Leave 'VPC security group' as 'Choose existing.'
We'll modify that later.

Connectivity [Info](#)

Compute resource
Choose whether to set up a connection to a compute resource for this database. Setting up a connection will automatically change connectivity settings so that the compute resource can connect to this database.

☒ **Don't connect to an EC2 compute resource**
Don't set up a connection to a compute resource for this database. You can manually set up a connection to a compute resource later.

☐ **Connect to an EC2 compute resource**
Set up a connection to an EC2 compute resource for this database.

Network type [Info](#)

To use dual-stack mode, make sure that you associate an IPv6 CIDR block with a subnet in the VPC you specify.

☒ **IPv4**
Your resources can communicate only over the IPv4 addressing protocol.

☐ **Dual-stack mode**
Your resources can communicate over IPv4, IPv6, or both.

Virtual private cloud (VPC) [Info](#)

Choose the VPC. The VPC defines the virtual networking environment for this DB instance.

Default VPC (vpc-04d2f88f80b5ff52b)
6 Subnets, 6 Availability Zones

Only VPCs with a corresponding DB subnet group are listed.

ⓘ After a database is created, you can't change its VPC.

DB subnet group [Info](#)

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

default

Public access [Info](#)

☒ **Yes**
RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your database. Resources inside the VPC can also connect to the database. Choose one or more VPC security groups that specify which resources can connect to the database.

☐ **No**
RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.

VPC security group (firewall) [Info](#)

Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.

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

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

Creating a database - selecting options

Expand 'Additional configuration'

Existing VPC security groups

Choose one or more options

default X

Availability Zone [Info](#)

No preference

RDS Proxy

RDS Proxy is a fully managed, highly available database proxy that improves application scalability, resiliency, and security.

☐ Create an RDS Proxy [Info](#)

RDS automatically creates an IAM role and a Secrets Manager secret for the proxy. RDS Proxy has additional costs. For more information, see [Amazon RDS Proxy pricing](#).

Certificate authority - optional [Info](#)

Using a server certificate provides an extra layer of security by validating that the connection is being made to an Amazon database. It does so by checking the server certificate that is automatically installed on all databases that you provision.

rds-ca-rsa2048-g1 (default)
Expiry: May 25, 2061

If you don't select a certificate authority, RDS chooses one for you.

▼ **Additional configuration**

Database port [Info](#)


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

3306

You can see the port is set to 3306 - the standard for MySQL

Creating a database - selecting options

CRITICAL – Make sure
'Password authentication'
is selected



Database authentication

Database authentication options [Info](#)

- ☒ **Password authentication**
Authenticates using database passwords.
- ☐ **Password and IAM database authentication**
Authenticates using the database password and user credentials through AWS IAM users and roles.
- ☐ **Password and Kerberos authentication**
Choose a directory in which you want to allow authorized users to authenticate with this DB instance using Kerberos Authentication.

Creating a database - selecting options

CRITICAL - Name your database. This is needed for AWS to create it and for you to access it.

I'm calling this
'my_dataengineering_db'

All other options you
can just leave as the
default

▼ Additional configuration

Database options, encryption turned on, backup turned on, backtrack turned off, maintenance, CloudWatch Logs, delete protection turned off.

Database options

Initial database name [Info](#)


If you do not specify a database name, Amazon RDS does not create a database.

DB parameter group [Info](#)

Option group [Info](#)


Creating a database - selecting options

CRITICAL - Costs should show free



CRITICAL - It is important that you run only one database

Click 'Create database'
WOOOO!




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, db.t3.micro or db.t4g.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

Creating a database - selecting options

It'll take a bit to create.
Good time to make sure you have
your credentials written down

Creating database **my-dataengineering-db**
Your database might take a few minutes to launch. You can use settings from my-dataengineering-db to simplify configuration of suggested database add-ons while we finish creating your DB for you.

[View credential details](#)

You can see now I
have my new db.

☰ [Aurora and RDS](#) > Databases

Databases (1) Group resources Modify Actions Create database

Filter by databases

DB identifier	Status	Role	Engine	Region ...	Size
my-dataengineering-db	Creating	Instance	MySQL Co...	us-east-1a	db.t4g.micro

Need to change our security credentials

- Our database is up and running. Now we just need to change our security credentials to let any ip address with the password access it.
- **If you don't change this you won't be able to connect to your database for homework and quiz.**
- **Seriously, you must do this step**

Modifying security credentials

If you click on the database from the console it'll take you to the console for the individual database

To modify your security group click the link under 'VPC security groups'

Aurora and RDS > Databases > my-dataengineering-db

my-dataengineering-db

Summary

DB identifier my-dataengineering-db	Status Available	Role Instance	Engine MySQL Community
CPU 3.49%	Class db.t4g.micro	Current activity 0 Connections	Region & AZ us-east-1a

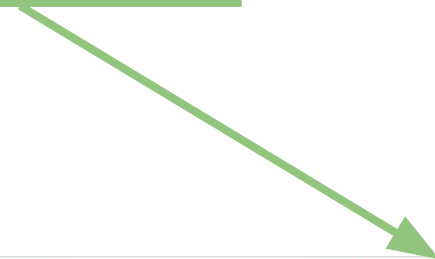
Recommendations

Connectivity & security | Monitoring | Logs & events | Configuration | Zero-ETL integrations | Maintenance &

Connectivity & security

Endpoint & port Endpoint my-dataengineering-db.cv24esa06ikz.us-east-1.rds.amazonaws.com Port 3306	Networking Availability Zone us-east-1a VPC vpc-04d2f88f80b5ff52b Subnet group default-vpc-04d2f88f80b5ff52b Subnets subnet-0d4286e0810d920de subnet-027a5be81b19405f9 subnet-09ed0430283262f6d subnet-0cb3aeba685ab3eb4 subnet-080f0d8f927307da6 subnet-0784daee11261dea4 Network type IPv4	Security VPC security groups default (sg-0daa15da0a7b3d627) Active Publicly accessible Yes Certificate authority Info rds-ca-rsa2048-g1 Certificate authority date May 25, 2061, 18:34 (UTC-05:00) DB instance certificate expiration date June 13, 2026, 16:11 (UTC-05:00)
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Click 'Create security group'



Security Groups (1) [Info](#)

Find security groups by attribute or tag

sg-0daa15da0a7b3d627



Actions

Export security groups to CSV

< 1 >

<input type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules count
<input type="checkbox"/>	-	sg-0daa15da0a7b3d627	default	vpc-04d2f88f80b5ff52b	default VPC security group	867344461242	1 Permission entry

Choose a name and description

First rule will already be there. Change it to 'All TCP' and 'Anywhere-IPv4'

Change second rule to 'All TCP' and 'Anywhere-IPv6'

Leave the outbound rule as default

Click 'Add rule'

Finally, click 'Create security group'

The screenshot shows the 'Create security group' page in the AWS IAM console. It is divided into three main sections: 'Basic details', 'Edit inbound rules', and 'Tags - optional'.

- Basic details:** Contains fields for 'Security group name' (my_dataengineering_db), 'Description' (my_dataengineering_db), and 'VPC' (vpc-04d2f8f80b5ff52b).
- Edit inbound rules:** A table of inbound rules. The first rule (sgr-0b6d8f030159c6e) is selected. The 'Type' dropdown is set to 'All TCP'. The 'Source' dropdown is set to 'Anywhere-IPv4' (0.0.0.0/0). The 'Add rule' button is at the bottom left of the table.
- Tags - optional:** A section for adding tags to the resource.

At the bottom right, there are two buttons: 'Cancel' and 'Create security group'.

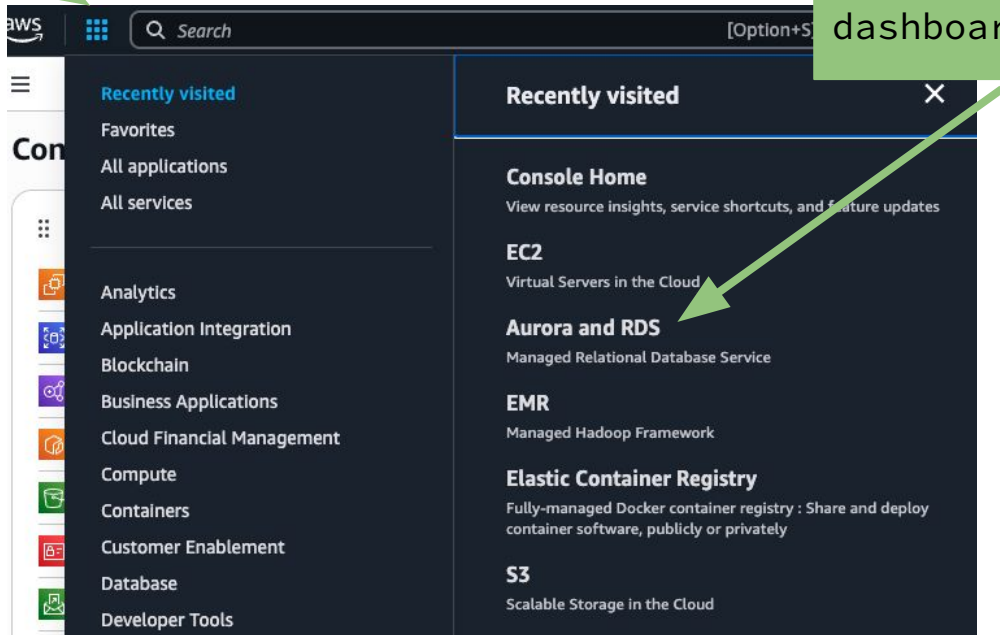
Annotations with green arrows point to the following elements:

- Two arrows point to the 'Security group name' and 'Description' fields.
- An arrow points to the 'Add rule' button.
- An arrow points to the 'Type' dropdown of the first rule.
- An arrow points to the 'Source' dropdown of the first rule.
- An arrow points to the 'Create security group' button.

Going back to our database


Click 'services'

Then click 'RDS'
to go back to
our database
dashboard.



Going back to our database

Again, we can see
I have a DB
instance running.
Click on 'DB
Instances'



Resources

[Refresh](#)

You are using the following Amazon RDS resources in the US East (N. Virginia) region (used/quota)

DB Instances (1/40)

Allocated storage (0.02 TB/100 TB)

Instances and storage include Neptune and DocumentDB. [Increase DB instances limit](#)

DB Clusters (0/40)

Reserved instances (0/40)

Snapshots (2)

Manual

DB Cluster (0/100)

DB Instance (0/100)

Automated

DB Cluster (0)

DB Instance (2)

Recent events (10)

Event subscriptions (0/20)

Parameter groups (1)

Default (1)

Custom (0/100)

Option groups (1)

Default (1)

Custom (0/20)

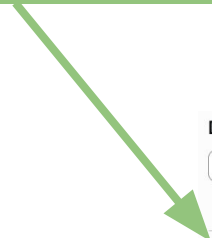
Subnet groups (1/50)

Supported platforms [VPC](#)




Default network vpc-04d2f88f80b5ff52b

Going back to our database





Once there click
on our hw
database again.



Databases (1)

Group resources     

Filter by databases

 DB Identifier	Status	Role	Engine	Region ...	Size	Recommendations	CPU	Current activity	Mainte...	VPC	Multi-AZ
 my-dataengineering-db	 Available	Instance	MySQL Community	us-east-1a	db.t4g.micro		 2.56%	 0 Connections	none	vpc-04d2f...	No

Click 'Modify'

Aurora and RDS > Databases > my-dataengineering-db

my-dataengineering-db

[Refresh](#) [Modify](#) [Actions](#)

Summary

DB identifier my-dataengineering-db	Status Available	Role Instance	Engine MySQL Community	Recommendations
CPU 3.03%	Class db.t4g.micro	Current activity 0 Connections	Region & AZ us-east-1a	

< [Connectivity & security](#) | [Monitoring](#) | [Logs & events](#) | [Configuration](#) | [Zero-ETL integrations](#) | [Maintenance & back](#) >

Connectivity & security

Endpoint & port Endpoint my-dataengineering-db.cv24esa06ikz.us-east-1.rds.amazonaws.com Port 3306	Networking Availability Zone us-east-1a VPC vpc-04d2f88f80b5ff52b Subnet group default-vpc-04d2f88f80b5ff52b Subnets subnet-0d4286e0810d920de subnet-027a5be81b19405f9 subnet-09ed0430283262f6d subnet-0cb3aeba685ab3eb4 subnet-080f0d8f927307da6 subnet-0784daee11261dea4 Network type IPv4	Security VPC security groups default (sg-0daa15da0a7b3d627) Active Publicly accessible Yes Certificate authority info rds-ca-rsa2048-g1 Certificate authority date May 25, 2061, 18:34 (UTC-05:00) DB instance certificate expiration date June 13, 2026, 16:11 (UTC-05:00)
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Scroll down to
'Connectivity'

Click the 'X' to
delete the
default security
group

Click the
pull-down menu
and select the
security group
you just created

If everything is
right, you should
now only have a
box with your
security group
name here

Connectivity [Info](#)

To use dual-stack mode, make sure that you associate an IPv6 CIDR block with a subnet in the VPC you specify.

☒ **IPv4**
Your resources can communicate only over the IPv4 addressing protocol.

☐ **Dual-stack mode**
Your resources can communicate over IPv4, IPv6, or both.

DB subnet group
default-vc-042f88f80b5ff52b ▼

Security group
List of DB security groups to associate with this DB instance.
Choose security groups
default ✕

Certificate authority [Info](#)
Using a server certificate provides an extra layer of security by validating that the connection is being made to an Amazon database. It does so by checking the server certificate that is automatically installed on all databases that you provision.
rds-ca-rs2048-g1 (default) ▼

► **Additional configuration**

Connectivity [Info](#)

To use dual-stack mode, make sure that you associate an IPv6 CIDR block with a subnet in the VPC you specify.

☒ **IPv4**
Your resources can communicate only over the IPv4 addressing protocol.

☐ **Dual-stack mode**
Your resources can communicate over IPv4, IPv6, or both.

DB subnet group
default-vc-042f88f80b5ff52b ▼

Security group
List of DB security groups to associate with this DB instance.
Choose security groups
Q
☐ launch-wizard-1
☐ default
☐ ElasticMapReduce-slave
☒ my_dataengineering_db
☐ launch-wizard-2
☐ ElasticMapReduce-master

connection is being made to an Amazon
h all databases that you provision.

Connectivity [Info](#)

To use dual-stack mode, make sure that you associate an IPv6 CIDR block with a subnet in the VPC you specify.

☒ **IPv4**
Your resources can communicate only over the IPv4 addressing protocol.

☐ **Dual-stack mode**
Your resources can communicate over IPv4, IPv6, or both.

DB subnet group
default-vc-042f88f80b5ff52b ▼

Security group
List of DB security groups to associate with this DB instance.
Choose security groups
my_dataengineering_db ✕

Certificate authority [Info](#)
Using a server certificate provides an extra layer of security by validating that the connection is being made to an Amazon database. It does so by checking the server certificate that is automatically installed on all databases that you provision.
rds-ca-rs2048-g1 (default) ▼

► **Additional configuration**

Scroll down to the bottom and click 'Continue'

Backup replication [Info](#)

☐ **Enable replication in another AWS Region**
Enabling replication automatically creates backups of your DB instance in the selected Region, for disaster recovery, in addition to the current Region.

Maintenance

Auto minor version upgrade [Info](#)

☒ **Enable auto minor version upgrade**
Enabling auto minor version upgrade will automatically upgrade your database minor version. For limitations and more details, see Automatically upgrading the minor engine version [documentation](#).

DB instance maintenance window
The weekly time range during which system maintenance can occur.

Start day **Start time** **Duration**

Thursday : 10 : 10 UTC 0.5 hours

☐ **Enable deletion protection**
Protects the database from being deleted accidentally. While this option is enabled, you can't delete the database.

[Cancel](#) [Continue](#)

Choose 'Apply immediately'

Click 'Modify DB instance'

Modify DB instance: my-dataengineering-db

Summary of modifications

You are about to submit the following modifications. Only values that will change are displayed. Carefully verify your changes and click Modify DB Instance.

Attribute	Current value	New value
Security group	default	my_dataengineering_db

Schedule modifications

When to apply modifications

☐ **Apply during the next scheduled maintenance window**
Current maintenance window: June 19, 2025 05:10 - 05:40 (UTC-05:00)

☒ **Apply immediately**
The modifications in this request and any pending modifications will be asynchronously applied as soon as possible, regardless of the maintenance window setting for this database instance.

[Cancel](#) [Back](#) [Modify DB Instance](#)

Going back to our database

Now you need to copy your endpoint.

This is the last part we need to connect. We already have the database name, password, username, and port!

Wait until the status updates to 'Available' (you might need to refresh your browser)

[Aurora and RDS](#) > [Databases](#) > my-dataengineering-db

Successfully modified my-dataengineering-db.

my-dataengineering-db

[Modify](#) [Actions](#)

Summary		Status	Role	Engine	Recommendations
DB identifier my-dataengineering-db	CPU 2.69%	Available	Instance	MySQL Community	
		Class db.t4g.micro	Current activity 0 Connections	Region & AZ us-east-1a	

[Connectivity & security](#) | [Monitoring](#) | [Logs & events](#) | [Configuration](#) | [Zero-ETL integrations](#) | [Maintenance & backups](#)

Connectivity & security

Endpoint & port	Networking	Security
Endpoint my-dataengineering-db.cv24esa06ikz.us-east-1.rds.amazonaws.com	Availability Zone us-east-1a	VPC security groups my_dataengineering_db (sg-0e24d5c7a40deba0c)
Port 3306	VPC vpc-04d2f88f80b5ff52b	Publicly accessible Yes
	Subnet group default-vpc-04d2f88f80b5ff52b	Certificate authority rds-ca-rsa2048-g1
	Subnets subnet-0d4286e0810d920de subnet-027a5be81b19405f9 subnet-09ed0430283262f6d subnet-0cb3aeba685ab3eb4 subnet-080f0d8f927307da6 subnet-0784daee11261dea4	Certificate authority date May 25, 2061, 18:34 (UTC-05:00)
	Network type IPv4	DB instance certificate expiration date June 13, 2026, 16:11 (UTC-05:00)