

MariaDB-Assignment---1

Introducing Aurora I/O-OptimizedAurora's I/O-Optimized [\[?\]](#) is a new cluster storage configuration that offers predictable pricing for all applications and improved price-performance, with up to 40% costs savings for I/O-intensive applications.**Dashboard**

Databases

Query Editor

Performance insights

Snapshots

Exports in Amazon S3

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Zero-ETL integrations [New](#)

Events

Event subscriptions

Recommendations 0

Certificate update

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)

[Increase DB instances limit \[\\[?\\]\]\(#\)](#)**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 [\[?\]](#) VPC**

Default network none

Recommended services [\[?\]](#)

Customers like you also use these services.

**CloudFront**

Global Content Delivery Network

**Batch**

Fully managed batch processing at any scale

**Amazon Prometheus**

A fully managed Prometheus-compatible monitoring service.

**Amazon Simple Email Service**

Email Sending and Receiving Service

**Route 53**

Scalable DNS and Domain Name Registration

Recommended for you**Build RDS Operational Tasks**Watch how to enable users to perform common tasks such as snapshots or restart DB instances in Amazon RDS. [Learn more](#)**Amazon RDS Backup and Restore using AWS Backup**Learn how to backup and restore Amazon RDS databases using AWS Backup in just 10 minutes. [Learn more](#)**Time-Series Tables in PostgreSQL**Step-by-step guide to design high-performance time series data tables on Amazon RDS for PostgreSQL. [Learn more](#)**Migrate SSRS to RDS for SQL Server**Learn how you can migrate existing SSRS content to an Amazon RDS for SQL Server instance using a PowerShell module. [Learn more](#)**Create database**

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

[Restore from S3](#)[Create database](#)

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

Service health[View service health dashboard](#)**Current status****Details**

Dashboard

[Databases](#)

Query Editor

Performance insights

Snapshots

Exports in Amazon S3

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

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Events

Event subscriptions

Recommendations 0

Certificate update

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](#)

X

Databases (0)

 Group resources

Modify

Actions ▾

Restore from S3

Create database

 Filter by databases

< 1 > @

 DB identifier ▲ Status ▾ Role ▾ Engine ▾ Region & AZ ▾ Size ▾ Recommendations ▾ CPU ▾ Current activity ▾ Maintenance ▾ VPC ▾ Multi-AZ ▾

No instances found

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

Create database

Choose a database creation method Info

Standard create

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Engine options

Engine type Info

Aurora (MySQL Compatible)



Aurora (PostgreSQL Compatible)



MySQL



MariaDB



PostgreSQL



Oracle

ORACLE®

Microsoft SQL Server

IBM Db2

MariaDB Community Edition is a MySQL-compatible database with strong support from the open source community, and extra features and performance optimizations.

- Supports database size up to 64 TiB.
- Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
- Supports automated backup and point-in-time recovery.
- Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.
- Supports global transaction ID (GTID) and thread pooling.
- Developed and supported by the MariaDB open source community.

PostgreSQL



Oracle

Microsoft SQL Server



IBM Db2

Engine version [Info](#)

View the engine versions that support the following database features.

Hide filters

Show 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

MariaDB 10.11.6

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.

swapnil-mariadb-database

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.

admin

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](#)

.....

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

Confirm master password [Info](#)

.....

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.t3.micro

2 vCPUs 1 GiB RAM Network: 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

The minimum value is 20 GiB and the maximum value is 6,144 GiB

i After you modify the storage for a DB instance, the status of the DB instance will be in storage-optimization. Your instance will remain available as the storage-optimization operation completes. [Learn more](#)

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.

vpc-020050eeb89f650ee

6 Subnets, 6 Availability Zones

Only VPCs with a corresponding DB subnet group are listed.

i 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-vpc-020050eeb89f650ee

6 Subnets, 6 Availability Zones

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

Existing VPC security groups

Choose one or more options ▾

default 

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 26, 2061 ▾

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

Tags

A tag consists of a case-sensitive key-value pair.

No tags associated with the resource.

[Add new tag](#)

You can add up to 50 more tags.

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.

Monitoring

Enable Enhanced Monitoring

Enabling Enhanced Monitoring metrics are useful when you want to see how different processes or threads use the CPU.

► Additional configuration

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

▼ Additional configuration

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

Database options

Initial database name [Info](#)

swapnildatabase

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

DB parameter group [Info](#)

default.mariadb10.11

Option group [Info](#)

default:mariadb-10-11

Backup

Enable automated backups

Creates a point-in-time snapshot of your database

Encryption

Enable encryption

Choose to encrypt the given instance. Master key IDs and aliases appear in the list after they have been created using the AWS Key Management Service console. [Info](#)

Log exports

Select the log types to publish to Amazon CloudWatch Logs

Audit log

Error log

General log

Slow query log

Maintenance

Auto minor version upgrade [Info](#)

Enable auto minor version upgrade

Enabling auto minor version upgrade will automatically upgrade to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the database.

Maintenance window [Info](#)

Select the period you want pending modifications or maintenance applied to the database by Amazon RDS.

Choose a window

No preference

Deletion protection

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, 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](#)



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](#)

X

Databases (1)

Group resources



Modify

Actions ▾

Restore from S3

Create database

Filter by databases

< 1 >

@

DB identifier	Status	Role	Engine	Region & AZ	Size	Recommendations	CPU	Current activity	Maintenance	VPC
swarnil-mariadb-database	Available	Instance	MariaDB	us-east-1c	db.t3.micro		<div style="width: 2.20%;">2.20%</div>	<div style="width: 0%;">0 Connections</div>	none	vpc-020050eeb89f650ee

EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity
Reservations New
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security

Resources

You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:

Instances (running)	0	Auto Scaling Groups	0	Dedicated Hosts	0
Elastic IPs	0	Instances	0	Key pairs	3
Load balancers	0	Placement groups	0	Security groups	1
Snapshots	0	Volumes	0		

EC2 Free Tier Info

Offers for all AWS Regions.

3 EC2 free tier offers in use

End of month forecast

⚠ 0 offers forecasted to exceed free tier limit.

Exceeds free tier

⚠ 0 offers exceeded and is now pay-as-you-go pricing.

[View Global EC2 resources](#)

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

[Launch instance](#) [Migrate a server](#)

Note: Your instances will launch in the US East (N. Virginia) Region

Service health

[AWS Health Dashboard](#)

Region: US East (N. Virginia) Status: This service is operating normally.

Instance alarms

[View in CloudWatch](#)

⚠ 0 in alarm [OK](#) ⚠ 0 insufficient data

[Instances in alarm](#)

Zones

Zone name	Zone ID
us-east-1a	use1-az4
us-east-1b	use1-az6
us-east-1c	use1-az1

Offer usage (monthly)

Linux EC2 Instances: 708.165833 hours remaining (6%)

EBS:SnapshotUsage: EBS:SnapshotUsage (3%)

Storage space on EBS: Storage space on EBS (12%)

[View all AWS Free Tier offers](#)

Account attributes

[Edit](#)

Launch an instance Info

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

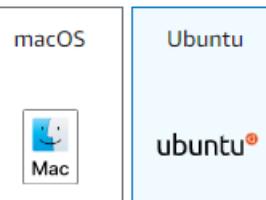
Name and tags Info

Name

[Add additional tags](#)

▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

[Recents](#)
[Quick Start](#)


Browse more AMIs
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type

ami-080e1f13689e07408 (64-bit (x86)) / ami-0a55ba1c20b74fc30 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Canonical, Ubuntu, 22.04 LTS, amd64 jammy image build on 2024-03-01

Architecture

64-bit (x86)

AMI ID

ami-080e1f13689e07408

Verified provider

▼ Instance type Info | Get advice

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.0716 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

All generations

[Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

▼ Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

GENERALKPK

[Create new key pair](#)

▼ Network settings [Info](#)

Network [Info](#)
vpc-020050eeb89f650ee

Subnet [Info](#)
subnet-0cd8f86e5a754829f

Auto-assign public IP [Info](#)
Enable
Additional charges apply when outside of free tier allowance

Firewall (security groups) [Info](#)
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

We'll create a new security group called 'launch-wizard-2' with the following rules:

- Allow SSH traffic from Anywhere
Helps you connect to your instance
- Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
- Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only. **X**

▼ Configure storage [Info](#)

Advanced

1x GiB Root volume (Encrypted)

▼ Summary

Number of instances [Info](#)
1

Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...[read more](#)
ami-080e1f13689e07408

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

ⓘ **Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet. **X**

[Cancel](#) [Launch instance](#) [Review commands](#)

Instances (2) Info													
<input type="text"/> Find Instance by attribute or tag (case-sensitive)		All states ▼		C		Connect		Instance state ▼		Actions ▼		Launch instances ▼	
	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability Zone ▼	Public IPv4 DNS ▼	Public IPv4 ... ▼	Elastic IP			
<input type="checkbox"/>	Swapnil-instance	i-04aebfb9b5ac2ed68	Pending ▼	t2.micro ▼	-	View alarms +	us-east-1a	ec2-3-85-14-189.comp...	3.85.14.189	-			

EC2 > Instances > i-04aebfb9b5ac2ed68 > Connect to instance

Connect to instance [Info](#)

Connect to your instance i-04aebfb9b5ac2ed68 (Swapnil-instance) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID

i-04aebfb9b5ac2ed68 (Swapnil-instance)

Connection Type

Connect using EC2 Instance Connect

Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.

Connect using EC2 Instance Connect Endpoint

Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

Public IP address

3.85.14.189

Username

Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

ubuntu



Note: In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel

Connect

Welcome to Ubuntu 22.04.4 LTS (GNU/Linux 6.5.0-1014-aws x86_64)

* Documentation: <https://help.ubuntu.com>
* Management: <https://landscape.canonical.com>
* Support: <https://ubuntu.com/pro>

System information as of Sun Apr 21 11:03:02 UTC 2024

System load:	0.0	Processes:	96
Usage of /:	20.7% of 7.57GB	Users logged in:	0
Memory usage:	20%	IPv4 address for eth0:	172.30.0.51
Swap usage:	0%		

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.

See <https://ubuntu.com/esm> or run: sudo pro status

The list of available updates is more than a week old.

To check for new updates run: sudo apt update

Last login: Sun Apr 21 10:40:34 2024 from 18.206.107.28

To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo_root" for details.

ubuntu@ip-172-30-0-51:~\$ sudo apt-get update[]

```
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$ sudo apt-get update  
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease  
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]  
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]  
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]  
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]  
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]  
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]  
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]  
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]  
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]  
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1610 kB]  
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [303 kB]  
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [1830 kB]  
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [311 kB]  
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1070 kB]  
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [244 kB]  
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [22.1 kB]  
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [42.7 kB]  
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [10.4 kB]  
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]  
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [67.1 kB]  
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [11.0 kB]  
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]  
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]  
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [27.2 kB]  
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.2 kB]  
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]  
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]  
Get:29 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1392 kB]  
Get:30 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [243 kB]  
Get:31 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1768 kB]  
Get:32 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [299 kB]  
Get:33 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [848 kB]  
Get:34 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [163 kB]  
Get:35 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]  
Get:36 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [37.2 kB]  
Get:37 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7588 B]  
Get:38 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 B]  
Fetched 31.0 MB in 6s (5443 kB/s)  
Reading package lists... Done  
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$ █
```

```
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [67.1 kB]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [11.0 kB]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [27.2 kB]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.2 kB]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:29 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1392 kB]
Get:30 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [243 kB]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1768 kB]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [299 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [848 kB]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [163 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]
Get:36 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [37.2 kB]
Get:37 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7588 B]
Get:38 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 B]
Fetched 31.0 MB in 6s (5443 kB/s)
Reading package lists... Done
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ Sudo apt install mysql-client
Command 'Sudo' not found, did you mean:
  command 'ludo' from snap ludo (0.17.1)
  command 'udo' from deb udo (6.4.1-6)
  command 'sudo' from deb sudo (1.9.9-1lubuntu2.4)
  command 'sudo' from deb sudo-ldap (1.9.9-1lubuntu2.4)
See 'snap info <snapname>' for additional versions.
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ sudo apt install mysql-client
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  mysql-client-8.0 mysql-client-core-8.0 mysql-common
The following NEW packages will be installed:
  mysql-client mysql-client-8.0 mysql-client-core-8.0 mysql-common
0 upgraded, 4 newly installed, 0 to remove and 52 not upgraded.
Need to get 2731 kB of archives.
After this operation, 62.1 MB of additional disk space will be used.
Do you want to continue? [Y/n] 
```

```
ubuntu@ip-172-30-0-38:~$ sudo apt install mysql-client
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  mysql-client-8.0 mysql-client-core-8.0 mysql-common
The following NEW packages will be installed:
  mysql-client mysql-client-8.0 mysql-client-core-8.0 mysql-common
0 upgraded, 4 newly installed, 0 to remove and 52 not upgraded.
Need to get 2731 kB of archives.
After this operation, 62.1 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-core-8.0 amd64 8.0.36-0ubuntu0.22.04.1 [2692 kB]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mysql-common all 5.8+1.0.8 [7212 B]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-8.0 amd64 8.0.36-0ubuntu0.22.04.1 [22.7 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client all 8.0.36-0ubuntu0.22.04.1 [9354 B]
Fetched 2731 kB in 0s (24.5 MB/s)
Selecting previously unselected package mysql-client-core-8.0.
(Reading database ... 65273 files and directories currently installed.)
Preparing to unpack .../mysql-client-core-8.0_8.0.36-0ubuntu0.22.04.1_amd64.deb ...
Unpacking mysql-client-core-8.0 (8.0.36-0ubuntu0.22.04.1) ...
Selecting previously unselected package mysql-common.
Preparing to unpack .../mysql-common_5.8+1.0.8_all.deb ...
Unpacking mysql-common (5.8+1.0.8) ...
Selecting previously unselected package mysql-client-8.0.
Preparing to unpack .../mysql-client-8.0_8.0.36-0ubuntu0.22.04.1_amd64.deb ...
Unpacking mysql-client-8.0 (8.0.36-0ubuntu0.22.04.1) ...
Selecting previously unselected package mysql-client.
Preparing to unpack .../mysql-client_8.0.36-0ubuntu0.22.04.1_all.deb ...
Unpacking mysql-client (8.0.36-0ubuntu0.22.04.1) ...
Setting up mysql-common (5.8+1.0.8) ...
update-alternatives: using /etc/mysql/my.cnf.fallback to provide /etc/mysql/my.cnf (my.cnf) in auto mode
Setting up mysql-client-core-8.0 (8.0.36-0ubuntu0.22.04.1) ...
Setting up mysql-client-8.0 (8.0.36-0ubuntu0.22.04.1) ...
Setting up mysql-client (8.0.36-0ubuntu0.22.04.1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-30-0-38:~$ 
```

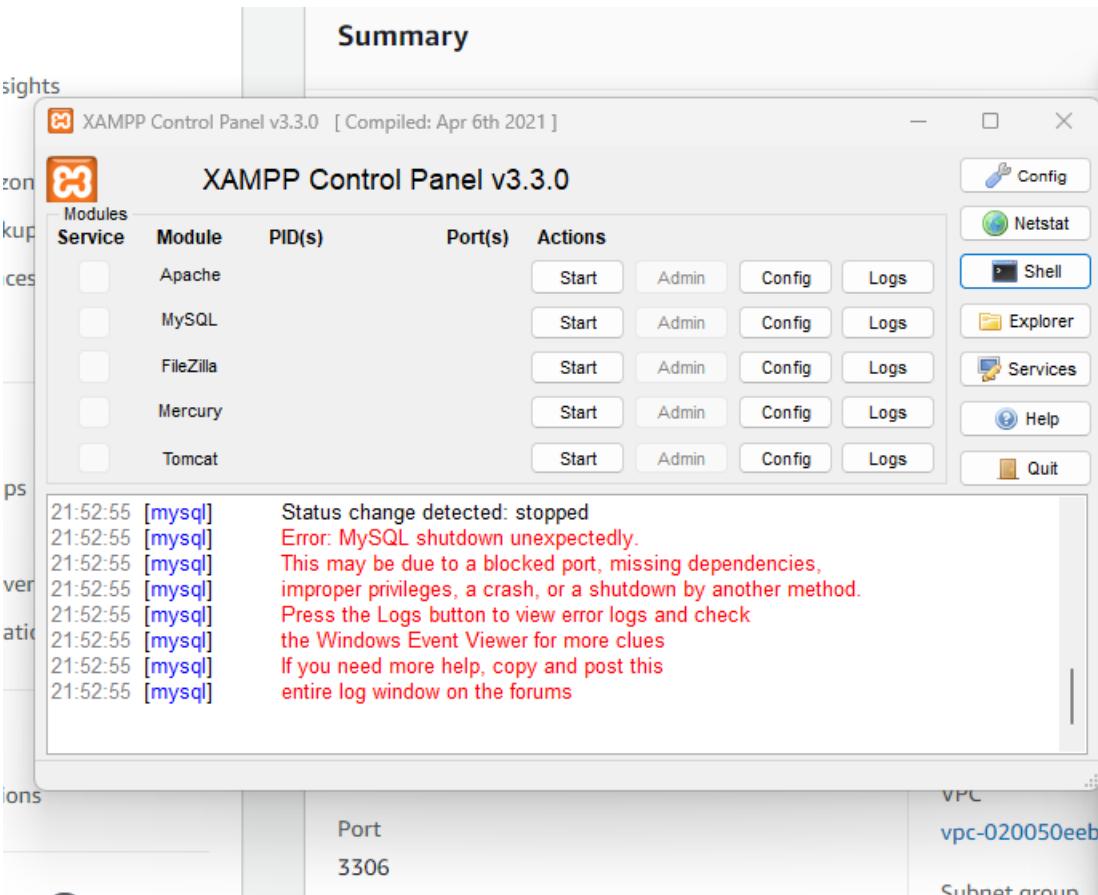
```
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Fetched 338 kB in 1s (493 kB/s)
Reading package lists... Done
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ sudo apt install mysql-client
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package mysql-client
ubuntu@ip-172-30-0-38:~$ sudo apt install mysql-client
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
mysql-client is already the newest version (8.0.36-0ubuntu0.22.04.1).
0 upgraded, 0 newly installed, 0 to remove and 52 not upgraded.
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ 
ubuntu@ip-172-30-0-38:~$ mysql -h swapnil-mariadb-database.cngcs6084gdy.us-east-1.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 86
Server version: 5.5.5-10.11.6-MariaDB managed by https://aws.amazon.com/rds/
Copyright (c) 2000, 2024, 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>
mysql>
mysql> []
```

```
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$  
ubuntu@ip-172-30-0-38:~$ mysql -h swapnil-mariadb-database.cngcs6084gdy.us-east-1.rds.amazonaws.com -u admin -p  
Enter password:  
Welcome to the MySQL monitor. Commands end with ; or \g.  
Your MySQL connection id is 133  
Server version: 5.5.5-10.11.6-MariaDB managed by https://aws.amazon.com/rds/  
  
Copyright (c) 2000, 2024, 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>  
mysql>  
mysql>  
mysql>  
mysql> show databases  
-> show databases;  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'show databases' at line 2  
mysql>  
mysql>  
mysql> show databases;  
+-----+  
| Database      |  
+-----+  
| information_schema |  
| innodb        |  
| mysql          |  
| performance_schema |  
| swapnildatabase |  
| sys            |  
+-----+  
6 rows in set (0.01 sec)  
  
mysql> []
```



XAMPP for Windows - mysql

Setting environment for using XAMPP for Windows.

prems@DESKTOP-2HG6P95 c:\xampp

mysql -h swapnil-mariadb-database.cngcs6084gdy.us-east-1.rds.amazonaws.com -u admin -p

Enter password: *****

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 159

Server version: 10.11.6-MariaDB managed by https://aws.amazon.com/rds/

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]>

Aurora-Assignment--2

**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](#)

X

Dashboard

Databases

Query Editor

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Snapshots

Exports in Amazon S3

Automated backups

Reserved instances

Proxies

Subnet groups

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Option groups

Custom engine versions

Zero-ETL integrations [New](#)

Events

Event subscriptions

Recommendations 0**Databases (0)** Group resources

Modify

Actions ▾

Restore from S3

Create database

 Filter by databases

< 1 > ⚙

 DB identifier ▲ Status ▾ Role ▾ Engine ▾ Region & AZ ▾ Size ▾ Recommendations ▾ CPU ▾ Current activity ▾ Maintenance ▾ VPC ▾ Multi-AZ ▾

No instances found

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



Aurora MySQL-Compatible Edition

Aurora MySQL is Amazon's enterprise-class MySQL-compatible database.

Aurora MySQL offers:

- Up to five times the throughput of MySQL Community Edition
- Up to 128 TB of autoscaling SSD storage
- Six-way replication across three Availability Zones
- Up to 15 read replicas with replica lag under 10-ms
- Automatic monitoring with failover

Engine Version

Aurora MySQL 3.04.2 (compatible with MySQL 8.0.28) - default for major version 8.0

⚠ Parallel query is off by default. To enable it, use a DB instance parameter group with the aurora_parallel_query parameter enabled. [Learn more](#)

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.

Settings

DB cluster identifier [Info](#)

Enter a name for your DB cluster. The name must be unique across all DB clusters owned by your AWS account in the current AWS Region.

myarorocluster1

The DB cluster identifier is case-insensitive, but is stored as all lowercase (as in "mydbcluster"). 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.

admin

1 to 32 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](#)

.....

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

Confirm master password [Info](#)

.....

Cluster storage configuration - *new* [Info](#)

Choose the storage configuration for the Aurora DB cluster that best fits your application's price predictability and price performance needs.

Configuration options

Database instance, storage, and I/O charges vary depending on the configuration. [Learn more](#)

Aurora Standard

- Cost-effective pricing for many applications with moderate I/O usage (I/O costs <25% of total database costs).
- Pay-per-request I/O charges apply. DB instance and storage prices don't include I/O usage.

Aurora I/O-Optimized

- Predictable pricing for all applications. Improved price performance for I/O-intensive applications (I/O costs >25% of total database costs).
- No additional charges for read/write I/O operations. DB instance and storage prices include I/O usage.

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

Include previous generation classes

Serverless v2

Memory optimized classes (includes r classes)

Burstable classes (includes t classes)

db.r6g.2xlarge

8 vCPUs 64 GiB RAM Network: 4,750 Mbps

Availability & durability

Multi-AZ deployment [Info](#)

Create an Aurora Replica or Reader node in a different AZ (recommended for scaled availability)
Creates an Aurora Replica for fast failover and high availability.

Don't create an Aurora Replica

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 cluster.

vpc-020050eeb89f650ee

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 cluster can use in the VPC that you selected.

default-vpc-020050eeb89f650ee

6 Subnets, 6 Availability Zones

Public access [Info](#)

Yes

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

No

RDS doesn't assign a public IP address to the cluster. Only Amazon EC2 instances and other resources inside the VPC can connect to your cluster. Choose one or more VPC security groups that specify which resources can connect to the cluster.

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

Create existing VPC security groups

Create new

Create new VPC security group

Existing VPC security groups

Choose one or more options

default 

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 26, 2061

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

► Additional configuration

Read replica write forwarding

Turn on local write forwarding [Info](#)

Issues write operations from reader DB instances within the same DB cluster.

Database authentication [Info](#)

Password authentication is always active for your database engine. You can also turn on additional authentication methods for your database below.

IAM database authentication

Authenticates using IAM database authentication.

Kerberos authentication

Authenticates using Kerberos authentication through an AWS Directory Service for Microsoft Active Directory.

Monitoring

Turn on Performance Insights

Retention period for Performance Insights [Info](#)

7 days (free tier)

AWS KMS key [Info](#)

(default) aws/rds

Account

866650389532

KMS key ID

alias/aws/rds



You can't change the KMS key after enabling Performance Insights.

▼ Additional configuration

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

Database options

Initial database name [Info](#)

ASSIGNMENT

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

DB cluster parameter group [Info](#)

default.aurora-mysql8.0

DB parameter group [Info](#)

default.aurora-mysql8.0

Option group [Info](#)

default:aurora-mysql-8-0

Failover priority

No preference

Backup

Backup retention period [Info](#)

The number of days (1-35) for which automatic backups are kept.

1

day

Copy tags to snapshots

Encryption

Enable encryption

Choose to encrypt the given instance. Master key IDs and aliases appear in the list after they have been created using the AWS Key Management Service console. [Info](#)

Backtrack

Backtrack lets you quickly rewind the DB cluster to a specific point in time, without having to create another DB cluster. [Info](#)

Enable Backtrack

Enabling Backtrack will charge you for storing the changes you make for backtracking.

Log exports

Select the log types to publish to Amazon CloudWatch Logs

Audit log

Error log

General log

Slow query log

IAM role

The following service-linked role is used for publishing logs to CloudWatch Logs.

RDS service-linked role

Maintenance

Auto minor version upgrade [Info](#)

Enable auto minor version upgrade

Enabling auto minor version upgrade will automatically upgrade to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the database.

Maintenance window [Info](#)

Select the period you want pending modifications or maintenance applied to the database by Amazon RDS.

Choose a window

No preference

Maintenance

Auto minor version upgrade [Info](#)

Enable auto minor version upgrade

Enabling auto minor version upgrade will automatically upgrade to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the database.

Maintenance window [Info](#)

Select the period you want pending modifications or maintenance applied to the database by Amazon RDS.

Choose a window

No preference

Deletion protection

Enable deletion protection

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

Estimated Monthly costs

DB instance	757.74 USD
-------------	------------

Total	757.74 USD
-------	-------------------

This billing estimate is based on on-demand usage as described in [Amazon Aurora Pricing](#). Estimate does not consider reserved instance benefits and costs for instance storage, IOs, or data transfer.

Estimate your monthly costs for the DB Instance using the [AWS Simple Monthly Calculator](#).

 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

✓ Successfully created database [myaroraclustera1](#)

You can use settings from myaroraclustera1 to simplify configuration of [suggested database add-ons](#) while we finish creating your DB for you.

[View connection details](#) X

RDS > Databases

i 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 (4)																
<input type="checkbox"/> Group resources C Modify Actions ▾ Restore from S3 Create database																
Filter by databases ◀ 1 ▶ ⚙️																
DB identifier	▲	Status	▼	Role	▼	Engine	▼	Region & AZ	▼	Size	▼	Recommendations	▼	CPU	▼	Current activ
database-1		✔ Available		Regional cluster		Aurora MySQL		us-east-1		0 instances		-		-		
myaroraclustera1	-	✔ Available		Regional cluster		Aurora MySQL		us-east-1		2 instances		-		-		
myaroraclustera1-instance-1		✔ Available		Writer instance		Aurora MySQL		us-east-1b		db.r6g.2xlarge		<div style="width: 2.02%;">2.02%</div>		<div style="width: 3.5%;">3 Se</div>		
myaroraclustera1-instance-1-us-east-1d		✔ Available		Reader instance		Aurora MySQL		us-east-1d		db.r6g.2xlarge		<div style="width: 1.81%;">1.81%</div>		<div style="width: 2.5%;">2 Se</div>		

myaroraclustera1



Modify

Actions ▾

Related

Filter by databases											<	1	>	⚙️
DB identifier	Status	Role	Engine	Region & AZ	Size	Recommendations	CPU	Current ac						
myaroraclustera1	Available	Regional cluster	Aurora MySQL	us-east-1	2 instances	-	-	-						
myaroraclustera1-instance-1	Available	Writer instance	Aurora MySQL	us-east-1b	db.r6g.2xlarge	2.05%	3							
myaroraclustera1-instance-1-us-east-1d	Available	Reader instance	Aurora MySQL	us-east-1d	db.r6g.2xlarge	1.81%	2							

Connectivity & security

Monitoring

Logs & events

Configuration

Zero-ETL integrations

Maintenance & backups

Tags

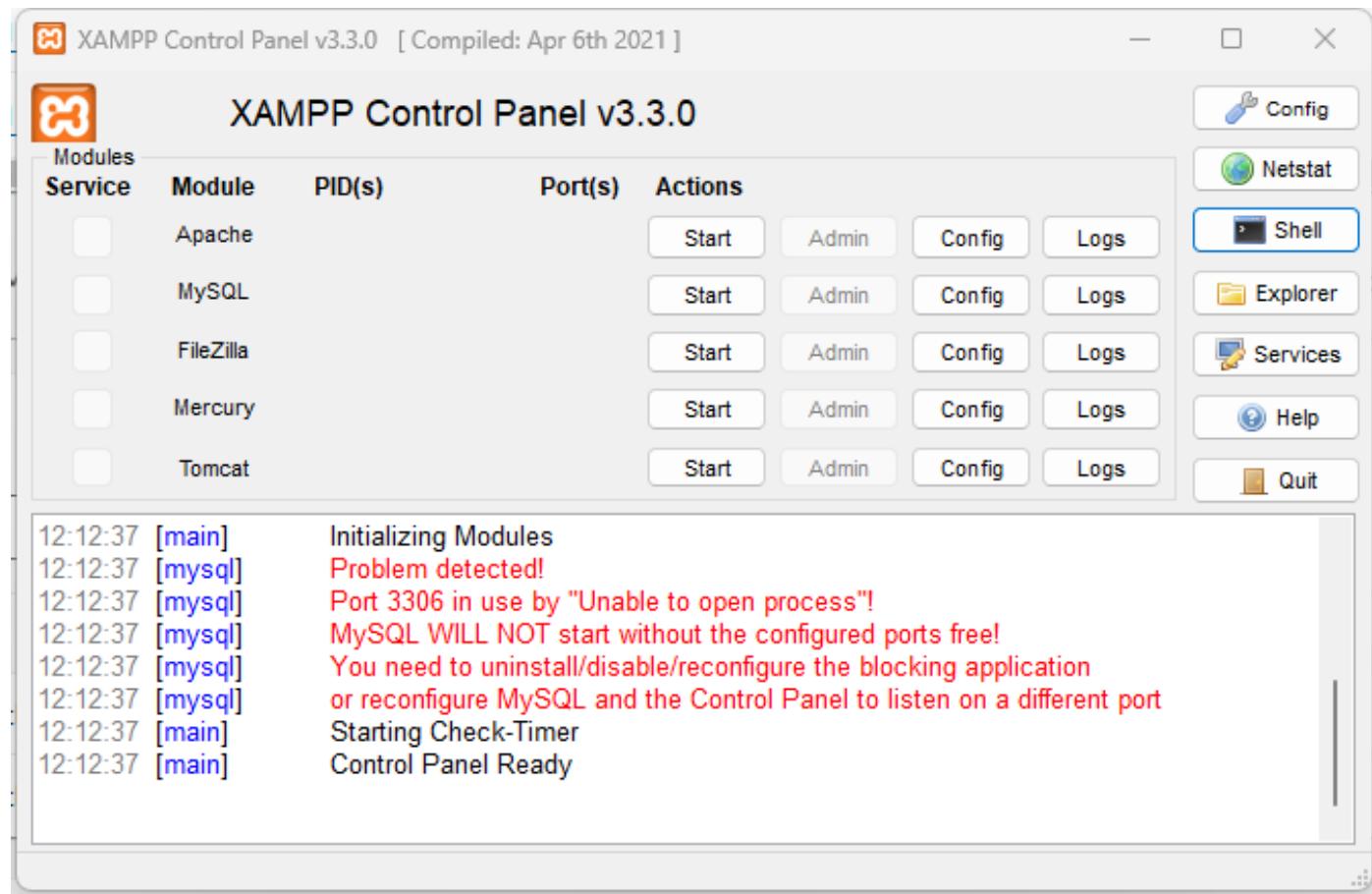
Recommendations

Endpoints (2)

Actions ▾

Create custom endpoint

Find resources					<	1	>	⚙️
Endpoint name	Status	Type	Port					
myaroraclustera1.cluster-cngcs6084gdy.us-east-1.rds.amazonaws.com	Available	Writer	3306					
myaroraclustera1.cluster-ro-cngcs6084gdy.us-east-1.rds.amazonaws.com	Available	Reader	3306					



XAMPP for Windows - mysql X + | -

```
Setting environment for using XAMPP for Windows.
prems@DESKTOP-2HG6P95 c:\xampp
# mysql -h myarorocluster1.cluster-cngcs6084gdy.us-east-1.rds.amazonaws.com -u admin -p
Enter password: *****
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 273
Server version: 8.0.28 Source distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MySQL [(none)]> show databases;
+-----+
| Database |
+-----+
| ASSIGNMENT |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.224 sec)

MySQL [(none)]> use ASSIGNMENT;
Database changed
MySQL [ASSIGNMENT]>
```

```
XAMPP for Windows - mysql  + | X
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]> show databases;
+-----+
| Database      |
+-----+
| ASSIGNMENT    |
| information_schema |
| mysql          |
| performance_schema |
| sys            |
+-----+
5 rows in set (0.224 sec)

MySQL [(none)]> use ASSIGNMENT;
Database changed
MySQL [ASSIGNMENT]> create table data(eid int);
Query OK, 0 rows affected (0.239 sec)

MySQL [ASSIGNMENT]> show tables;
+-----+
| Tables_in_ASSIGNMENT |
+-----+
| data                 |
+-----+
1 row in set (0.220 sec)

MySQL [ASSIGNMENT]>
```

XAMPP for Windows - mysql

MySQL [ASSIGNMENT]> quit

Bye

prems@DESKTOP-2HG6P95 c:\xampp

mysql -h myaroracluster1.cluster-ro-cngcs6084gdy.us-east-1.rds.amazonaws.com -u admin -p

Enter password: *****

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MySQL connection id is 258

Server version: 8.0.28 Source distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MySQL [(none)]> show databases;

Database
ASSIGNMENT
information_schema
mysql
performance_schema
sys

5 rows in set (0.230 sec)

MySQL [(none)]> create database id;

ERROR 1836 (HY000): Running in read-only mode

MySQL [(none)]>

✓ Successfully created database myaroracluster1

[View connection details](#)

X

You can use settings from myaroracluster1 to simplify configuration of [suggested database add-ons](#) while we finish creating your DB for you.

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](#)

X

Databases (4)

Group resources



Modify

Actions ▲

Restore from S3

Create database

Filter by databases

DB identifier	Status	Role	Engine	Region & AZ	Size
database-1	Available	Regional cluster	Aurora MySQL	us-east-1	0 instances
myaroracluster1	Available	Regional cluster	Aurora MySQL	us-east-1	2 instances
myaroracluster1-instance-1	Available	Writer instance	Aurora MySQL	us-east-1b	db.r6g.2xlarge
myaroracluster1-instance-1-us-east-1d	Available	Reader instance	Aurora MySQL	us-east-1d	db.r6g.2xlarge

Group resources



Modify

Actions ▲

Restore from S3

Create database

Stop temporarily

Start database activity stream

Delete

Set up EC2 connection

Set up Lambda connection

Add AWS Region

Add reader

Create cross-Region read replica

Create Blue/Green Deployment - new

Create clone

Promote

Take snapshot

Restore to point in time

Backtrack

Export to Amazon S3 - new

Add replica auto scaling

Create RDS Proxy

<

1

>

⚙

▼

Current activ

-

-

.11%

3 Se

.87%

2 Se

✓ Successfully created database myaroracluster1

[View connection details](#)

X

You can use settings from myaroracluster1 to simplify configuration of [suggested database add-ons](#) while we finish creating your DB for you.

RDS > Databases



Consider creating a Blue/Green Deployment to minimize downtime during upgrades

X

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 (5)

Group resources



Modify

Actions ▾

Restore from S3

Create database

Filter by databases

< 1 > |

DB identifier	Status	Role	Engine	Region & AZ	Size	Recommendations	CPU	Current activ
database-1	Available	Regional cluster	Aurora MySQL	us-east-1	0 instances	-	-	-
myaroracluster1	Available	Regional cluster	Aurora MySQL	us-east-1	3 instances	-	-	-
myaroracluster1-instance-1	Available	Writer instance	Aurora MySQL	us-east-1b	db.r6g.2xlarge	1.91%	3 Se	
myaroracluster1-instance-1-us-east-1d	Available	Reader instance	Aurora MySQL	us-east-1d	db.r6g.2xlarge	1.72%	2 Se	
myreader	Creating	Reader instance	Aurora MySQL	-	db.r6g.2xlarge	-	-	

DynamoDB-Assignment---3

How would you rate your experience with this service console? ★ ★ ★ ★ ★



Services

Search [Alt+S]



N. Virginia ▾

Intellipaat-Swaprakash



EC2



RDS

DynamoDB



DynamoDB > Tables

Tables (0) Info



Actions ▾

Delete

Create table

Find tables by table name

Any tag key

Any tag value

< 1 >

	Name	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode	Write capacity mode	Total size	Table class
--	------	--------	---------------	----------	---------	---------------------	--------------------	---------------------	------------	-------------

You have no tables in this account in this AWS Region.

Create table

Dashboard

Tables

Explore items

PartiQL editor

Backups

Exports to S3

Imports from S3

Integrations New

Reserved capacity

Settings

▼ DAX

Clusters

Subnet groups

Parameter groups

Events

Create table

Table details Info

DynamoDB is a schemaless database that requires only a table name and a primary key when you create the table.

Table name

This will be used to identify your table.

Between 3 and 255 characters, containing only letters, numbers, underscores (_), hyphens (-), and periods (.)

Partition key

The partition key is part of the table's primary key. It is a hash value that is used to retrieve items from your table and allocate data across hosts for scalability and availability.

String

1 to 255 characters and case sensitive.

Sort key - optional

You can use a sort key as the second part of a table's primary key. The sort key allows you to sort or search among all items sharing the same partition key.

String

1 to 255 characters and case sensitive.

Table settings

Default settings

The fastest way to create your table. You can modify these settings now or after your table has been created.

Customize settings

Use these advanced features to make DynamoDB work better for your needs.

Default table settings

These are the default settings for your new table. You can change some of these settings after creating the table.

Setting	Value	Editable after creation
Table class	DynamoDB Standard	Yes
Capacity mode	Provisioned	Yes
Provisioned read capacity	5 RCU	Yes
Provisioned write capacity	5 WCU	Yes
Auto scaling	On	Yes
Local secondary indexes	-	No
Global secondary indexes	-	Yes
Encryption key management	Owned by Amazon DynamoDB	Yes
Deletion protection	Off	Yes
Resource-based policy	Not active	Yes

Tags

Tags are pairs of keys and optional values, that you can assign to AWS resources. You can use tags to control access to your resources or track your AWS spending.

No tags are associated with the resource.

[Add new tag](#)

You can add 50 more tags.

[Cancel](#)

[Create table](#)

Creating the MydynamoDB table. It will be available for use shortly.

X

DynamoDB > Tables

Tables (1) [Info](#)

Find tables by table name

Any tag key

Any tag value



Actions ▾

Delete

Create table

<

1

>



<input type="checkbox"/>	Name	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode	Write capacity mode	Total size	Table class
<input type="checkbox"/>	MydynamoDB	<input checked="" type="checkbox"/> Active	Global ID (S)	-	0	<input type="checkbox"/> Off	Provisioned (5)	Provisioned (5)	0 bytes	Standard

DynamoDB > Tables > MydynamoDB

Tables (1) x

Any tag key

Any tag value

Find tables by table name

< 1 > Filter

MydynamoDB

MydynamoDB



Actions ▾

Explore table items

Overview

Indexes

Monitor

Global tables

Backups

Exports and streams

Permissions - new

Additional settings



Protect your DynamoDB table from accidental writes and deletes

When you turn on point-in-time recovery (PITR), DynamoDB backs up your table data automatically so that you can restore to any given second in the preceding 35 days. Additional charges apply. [Learn more](#)

Edit PITR



General information [Info](#)

Partition key

Global ID (String)

Sort key

-

Capacity mode

Provisioned

Table status

Active

Alarms

No active alarms

Point-in-time recovery (PITR) [Info](#)

Off

Resource-based policy [Info](#)

Not active

▶ Additional info

Items summary

DynamoDB updates the following information approximately every six hours.

Get live item count

Item count

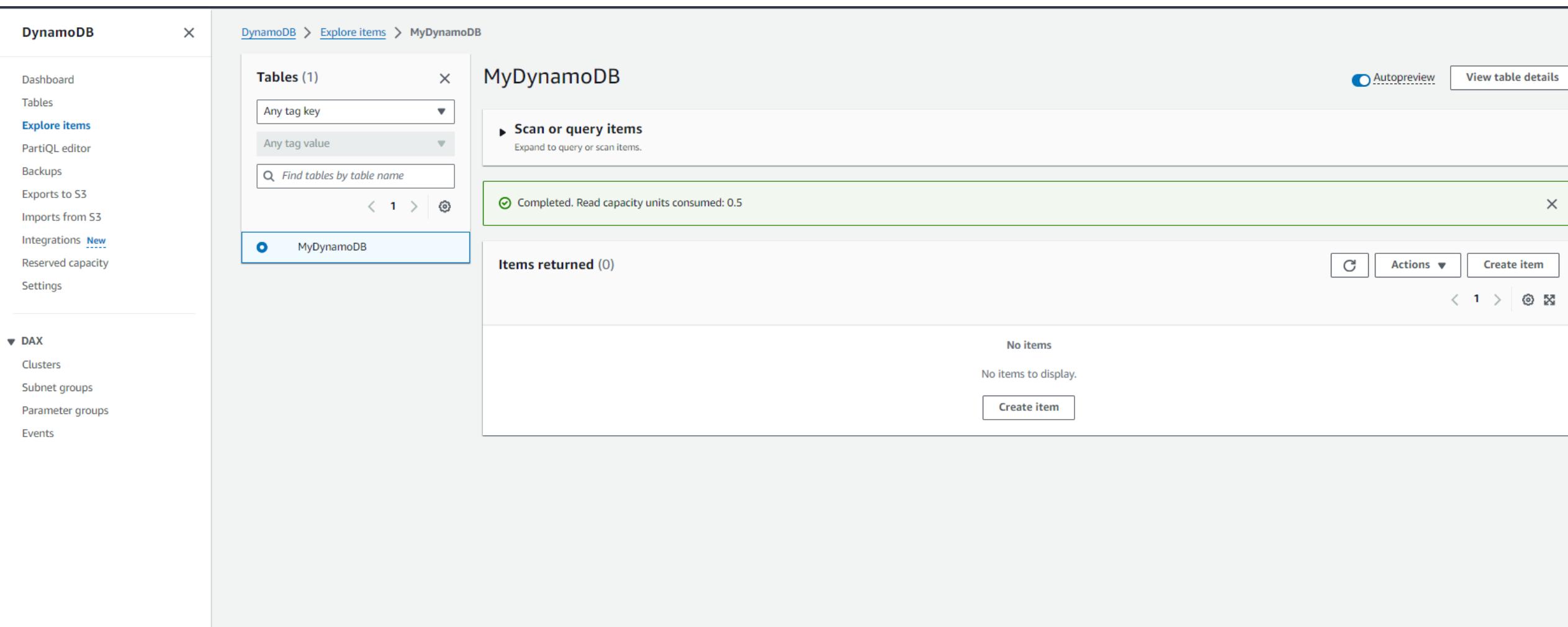
0

Table size

0 bytes

Average item size

0 bytes



Create item

Form

JSON view

You can add, remove, or edit the attributes of an item. You can nest attributes inside other attributes up to 32 levels deep. [Learn more](#)

Attributes

Add new attribute ▾

Attribute name	Value	Type
Global ID - <i>Partition key</i>	<i>Empty value</i>	String
NUMBER - <i>Sort key</i>	<i>Empty value</i>	String

Cancel

Create item

Tables (1) X

Any tag key ▾
Any tag value ▾
Find tables by table name 🔍

< 1 > ⚙️

● MydynamoDB

MydynamoDB

Autopreview View table details

▶ Scan or query items
Expand to query or scan items.

Completed. Read capacity units consumed: 0.5 X

Items returned (1)

C Actions ▾ Create item

< 1 > ⚙️ ✖️

<input type="checkbox"/>	Global ID (String)	Name
<input type="checkbox"/>	40252401	One

Tables (1) X

Any tag key ▾
Any tag value ▾
Find tables by table name 🔍

< 1 > ⚙️

● MydynamoDB

MydynamoDB

Autopreview View table details

▶ Scan or query items
Expand to query or scan items.

Completed. Read capacity units consumed: 0.5 X

Items returned (2)

C Actions ▾ Create item

< 1 > ⚙️ ✖️

<input type="checkbox"/>	Global ID (String)	Class	Name
<input type="checkbox"/>	40252402	10	Two
<input type="checkbox"/>	40252401		One

Edit item

Form

JSON view

You can add, remove, or edit the attributes of an item. You can nest attributes inside other attributes up to 32 levels deep. [Learn more](#)

Attributes			Add new attribute ▾
Attribute name	Value	Type	
Global ID - Partition key	40252402	String	
Class	10	String	<button>Remove</button>
Name	Two	String	<button>Remove</button>

Cancel Save Save and close

Edit item

[Form](#)[JSON view](#)

You can add, remove, or edit the attributes of an item. You can nest attributes inside other attributes up to 32 levels deep. [Learn more](#)

Attributes

[View DynamoDB JSON](#)

```
1 ▼ {  
2 ▼   "Global ID": {  
3     "S": "40252402"  
4   },  
5 ▼   "Class": {  
6     "S": "10"  
7   },  
8 ▼   "Name": {  
9     "S": "Two"  
10  }  
11 }
```

JSON Ln 1, Col 1 Errors: 0 Warnings: 0

[Cancel](#)[Save](#)[Save and close](#)

Edit item

Form

JSON view

You can add, remove, or edit the attributes of an item. You can nest attributes inside other attributes up to 32 levels deep. [Learn more](#)

 You can set JSON as your default JSON view syntax in [Settings](#).



Attributes View DynamoDB JSON

```
1 ▼ {  
2   "Global ID": "40252402",  
3   "Class": "10",  
4   "Name": "Two"  
5 }
```

JSON

Ln 1, Col 1

Errors: 0

Warnings: 0



Cancel

Save

Save and close

DynamoDB

DynamoDB > Backups

Backups Info**Backup settings** Info

Settings apply to new backups in this account and Region.

Turn off

Advanced features with AWS Backup

Activated

Allow options for cross-Region and cross-account copy, cost allocation tags, and cold storage tiering for backups.

Backups (0) Info[Schedule automatic backups](#) and [view backup job details](#) in [AWS Backup](#)

View details

Restore

Copy

Delete

Create backup ▾ Find backups by ARN or name

< 1 >

	Name	▼ Table	▼ Status	▼ Creation time	▼ ARN	▼ Size	▼ Type	▼
--	------	-----------	------------	-------------------	---------	----------	----------	---

No backups

Create a backup to save your data.

Create backup**DAX**

Clusters

Subnet groups

Parameter groups

Events

Create on-demand backup

Create a one-time snapshot backup of your table. Schedule automatic backups of your table in AWS Backup [\[\]](#)

Source table [Info](#)

Source table

MydynamoDB X C

Backup settings [Info](#)

A backup name will be created automatically.

Default settings

Create a backup that stays in warm storage.

Customize settings

Create a backup that can transition to cold storage and be deleted as it ages.

Backup window

Start in 1 hour

Backup management

AWS Backup

Transition to cold storage

Never

Retention period

Always

Backup vault

Default

IAM Role

AWSBackupDefaultServiceRole

Tags - optional

AWS Backup copies tags from the DynamoDB table to the recovery point upon creation. You can specify additional tags to add to the recovery point.

No tags are associated with the resource.

[Add new tag](#)

You can add 50 more tags.

Cancel

[Create backup](#)

The request to create an on-demand backup for table MydynamoDB has been submitted successfully. View backup job details in AWS Backup.

[View details](#) [X](#)

DynamoDB > Backups

Backups [Info](#)

Backup settings [Info](#)

Settings apply to new backups in this account and Region.

[Turn off](#)

Advanced features with AWS Backup

[Activated](#) Allow options for cross-Region and cross-account copy, cost allocation tags, and cold storage tiering for backups.

Backups (0) [Info](#)

Schedule automatic backups [View](#) and view backup job details [View](#) in AWS Backup [View](#)

Find backups by ARN or name [View](#) [Create](#)

[View details](#) [Restore](#) [Copy](#) [Delete](#) [Create backup](#)

No backups

Create a backup to save your data.

[Create backup](#)

Tables (1/1) [Info](#)

Actions ▾

Delete

Create table

 Find tables by table name

Any tag key

Any tag value

< 1 >

<input checked="" type="checkbox"/>	Name	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode	Write capacity mode	Total size	Table class
<input checked="" type="checkbox"/>	MydynamoDB	Active	Global ID (S)	-	0	Off	Provisioned (5)	Provisioned (5)	0 bytes	Standard

Delete table

Delete table MydynamoDB in US East (N. Virginia) permanently? This action cannot be undone.



Proceeding with this action will delete the table and you won't be able to retrieve this data.

Delete all CloudWatch alarms for MydynamoDB.

Create an on-demand backup of MydynamoDB before deletion.

You can create an on-demand backup of your table for long-term retention and data archiving. You can then use this backup to restore your data to its exact state before table deletion. Additional charges apply for on-demand backup and restore. For more information see [Pricing](#).

To avoid unintentional deletions, we ask you to provide additional confirmation.

To confirm this deletion, type "confirm".

Cancel

Delete

✓ The request to delete the "MydynamoDB" table has been submitted successfully.

X

DynamoDB > Tables

Tables (0) Info		C	Actions ▾	Delete	Create table					
	Name	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode	Write capacity mode	Total size	Table class
You have no tables in this account in this AWS Region.										
Create table										

DynamoDB > Backups

Backups [Info](#)

Backup settings [Info](#)

Settings apply to new backups in this account and Region.

[Turn off](#)

Advanced features with AWS Backup

✓ Activated

Allow options for cross-Region and cross-account copy, cost allocation tags, and cold storage tiering for backups.

Backups (1) [Info](#)

[C](#) [View details](#) [Restore](#) [Copy](#) [Delete](#) [Create backup ▾](#)

[Schedule automatic backups](#) [View backup job details](#) in AWS Backup

[Find backups by ARN or name](#)

< 1 >

	Name	Table	Status	Creation time	ARN	Size	Type
<input type="checkbox"/>	bfee063f-a587-4edd-bb4...	MydynamoDB	✓ Available	April 28, 2024, 16:05:15 (...)	arn:aws:backup:us-east-1:8	0 bytes	AWS_BACKUP

Redshift-Assignment---4

AWS Services Search [Alt+S] N. Virginia Intellipaat-Swannil

EC2 RDS

Amazon Redshift X

Redshift Serverless New

Provisioned clusters dashboard

Clusters

- Reserved nodes
- Snapshots

Query editor

Query editor v2 New

Queries and loads

Datasources

Zero-ETL integrations New

IAM Identity Center connections

New

Configurations

AWS Partner Integration

Try new Amazon Redshift features in preview.
Create a cluster with preview features. Production use of the cluster is not supported. Use this cluster for testing only.

Create preview cluster

Amazon Redshift > Clusters

In my account From other accounts

Connect to Redshift clusters

Query data using Redshift query editor
Use the query editor v2 to run queries in your Redshift cluster.
Query data

Work with your client tools
You can connect to Amazon Redshift from your client tools, such as SQL clients, business intelligence (BI) tools, and extract, transform, load (ETL) tools, using JDBC or ODBC drivers.

Cluster Cluster identifier

Choose your JDBC or ODBC driver
Use JDBC or ODBC drivers to connect to Amazon Redshift from your client tools, such as SQL clients, BI tools, and ETL tools. We recommend using the new Amazon Redshift-specific drivers for better performance and scalability.

Driver JDBC 4.2 without AWS SDK (.jar)

Clusters (0) Info

Filter clusters by property or value

Cluster Status Cluster namespace Availability Zone Multi-AZ Storage capacity us... CPU utilization Snapshots

No clusters

C Query data Actions Create cluster

< 1 > New

Create cluster Info

Cluster configuration

Cluster identifier

This is the unique key that identifies a cluster.

The identifier must be from 1-63 characters. Valid characters are a-z (lowercase only) and - (hyphen).

Choose the size of the cluster

 I'll choose Help me choose

Node type Info

Choose a node type that meets your CPU, RAM, storage capacity, and drive type requirements.

Number of nodes

Enter the number of nodes that you need.

Range (1-32)

Configuration summary Info

dc2.large | 1 node

\$182.50/month

Estimated on-demand
compute price

Save more than 60% of your costs
by purchasing reserved nodes.

[Learn more about pricing](#)

160 GB

Total compressed storage

The total storage capacity for the
cluster if you deploy the number
of nodes that you chose.

Sample data Info

Load sample data

Load sample data to your Redshift cluster to start using the query editor to query data.

Ticket (28 MB)

Ticket is the sample data set that uses a sample database called TICKIT. Ticket contains individual sample data files: two fact tables and five dimensions.

Database configurations

Admin user name

Enter a login ID for the admin user of your DB instance.

The name must be 1-128 alphanumeric characters, and it can't be a [reserved word](#).

Admin password

Select an option to manage your admin password.

Manage admin credentials in AWS Secrets Manager Info

AWS manages a KMS key that encrypts your data.

Generate a password

Amazon Redshift generates an admin password.

Manually add the admin password

Manually enter the admin password.

Admin user password

Must be 8-64 characters long. Must contain at least one uppercase letter, one lowercase letter and one number. Can be any printable ASCII character except "/", "\" or "@".

Show password

Cluster permissions

Associated IAM roles (0) [Info](#)

Create, associate, or remove an IAM role. You can associate up to 50 IAM roles. You can also choose an IAM role and set it as the default for this cluster.

Search for associated IAM role by name, status, or role type

IAM roles	Status	Role type
No resources	No associated IAM roles	Associate IAM role

Additional configurations

These configurations are optional, and default settings have been defined to help you get started with your cluster. Turn off "Use defaults" to modify these settings now.

Network and security [Info](#)

IAM roles

IAM roles	Status	Role type
No resources	No associated IAM roles	Associate IAM role

Additional configurations

These configurations are optional, and default settings have been defined to help you get started with your cluster. Turn off "Use defaults" to modify these settings now.

Network and security [Info](#)

Database configurations [Info](#)

Maintenance [Info](#)

Monitoring

Backup

[Cancel](#) [Create cluster](#)

Try new Amazon Redshift features in preview.

Create preview cluster

Create a cluster with preview features. Production use of the cluster is not supported. Use this cluster for testing only.

X

Amazon Redshift > Clusters

In my account From other accounts

▼ Connect to Redshift clusters

Query data using Redshift query editor

Use the query editor v2 to run queries in your Redshift cluster.

Query data

Work with your client tools

You can connect to Amazon Redshift from your client tools, such as SQL clients, business intelligence (BI) tools, and extract, transform, load (ETL) tools, using JDBC or ODBC drivers.

Cluster

redshift-cluster-1

Copy JDBC URL

Copy ODBC URL

Choose your JDBC or ODBC driver

Use JDBC or ODBC drivers to connect to Amazon Redshift from your client tools, such as SQL clients, BI tools, and ETL tools. We recommend using the new Amazon Redshift-specific drivers for better performance and scalability.

Driver

JDBC 4.2 without AWS SDK (.jar)

Download driver

Clusters (1) Info



Query data ▾

Actions ▾

Create cluster

< 1 >



Filter clusters by property or value

<input type="checkbox"/> Cluster	▲ Status	▼ Cluster namespace	▼ Availability Zone	Multi-AZ	Storage capacity us...	▼ CPU utilization	▼ Snapshots	Notificati...	Tags
<input type="checkbox"/> redshift-cluster-1 dc2.large 1 node 160 GB	Creating	cc8e72f4-8079-4389-...	us-east-1a	No	-	-	-	-	-

Try new Amazon Redshift features in preview.

Create preview cluster

X

Create a cluster with preview features. Production use of the cluster is not supported. Use this cluster for testing only.

Amazon Redshift > Clusters

In my account From other accounts

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Driver

JDBC 4.2 without AWS SDK (.jar)

Download driver

Clusters (1/1) Info



Query data ▾

Actions ▾

Create cluster

Filter clusters by property or value

< 1 > ⚙

Cluster	Status	Cluster namespace	Availability Zone	Multi-AZ	Storage capacity us...	CPU utilization	Snapshots	Notificati...	Tags
redshift-cluster-1 dc2.large 1 node 160 GB	Available	60e705cb-e816-40c0-...	us-east-1a	No	< 1%		6%	1 snapshot	

redshift-cluster-1

[Actions ▾](#)[Edit](#)[Add partner integration](#)[Query data ▾](#)**General information** [Info](#)

Cluster identifier	Status	Node type	Endpoint
redshift-cluster-1	Available	dc2.large	redshift-cluster-1.crpvc67ufozz.us-east-1.redshift.amazonaws.com:5439/dev
Custom domain name	Date created	Number of nodes	JDBC URL
-	April 28, 2024, 16:54 (UTC+05:30)	1	jdbc:redshift://redshift-cluster-1.crpvc67ufozz.us-east-1.redshift.amazonaws.com:5439/dev
Cluster namespace ARN	Storage used		ODBC URL
arn:aws:redshift:us-east-1:866650389532:namespace:60e705cb-e816-40c0-89f0-a5d3cb7e2913	0.22% (0.35 of 160 GB used)		Driver={Amazon Redshift (x64)}; Server=redshift-cluster-1.crpvc67ufozz.us-east-1.redshift.amazonaws.com; Database=dev
Cluster configuration	Multi-AZ		
Production	No		

[Cluster performance](#)[Query monitoring](#)[Zero-ETL integrations](#)[Resource Policy](#)[Schedules](#)[Maintenance](#)[Properties](#)**► Recommendations (0)**

To improve performance and decrease operating costs, the Amazon Redshift Advisor provides recommendations.

► Alarms (0)

CloudWatch alarms are triggered when a metric threshold is met.

► Events (7)

Amazon Redshift tracks events that occur on your cluster.

Editor Query history Saved queries Scheduled queries

 Connect to a database to run queries and view results.

 Resources   

Query 1 | +

Status - | database - | user - | **Connect to database**

Select database  To view schemas, select a database.

Select schema  To view tables, select a schema.

 Filter tables

No resources
No resources to display

     Send feedback

Query results | Table details

aws Services Search [Alt+S] N. Virginia Intellipaat-Swapnil

EC2 RDS

Redshift query editor v2

+ Untitled 1

Run Limit 100 Explain Isolated session redshift-clust... dev

Use Ctrl-Space for autocomplete

1

Create Load data Filter resources

redshift-cluster-1

awsdatacatalog dev

public

Tables 7

- category
- date
- event
- listing
- sales
- users
- venue

Views 0

Functions 0

Stored proce... 0

sample_data_dev

Schedule ...

Row 1, Col 1, Chr 0