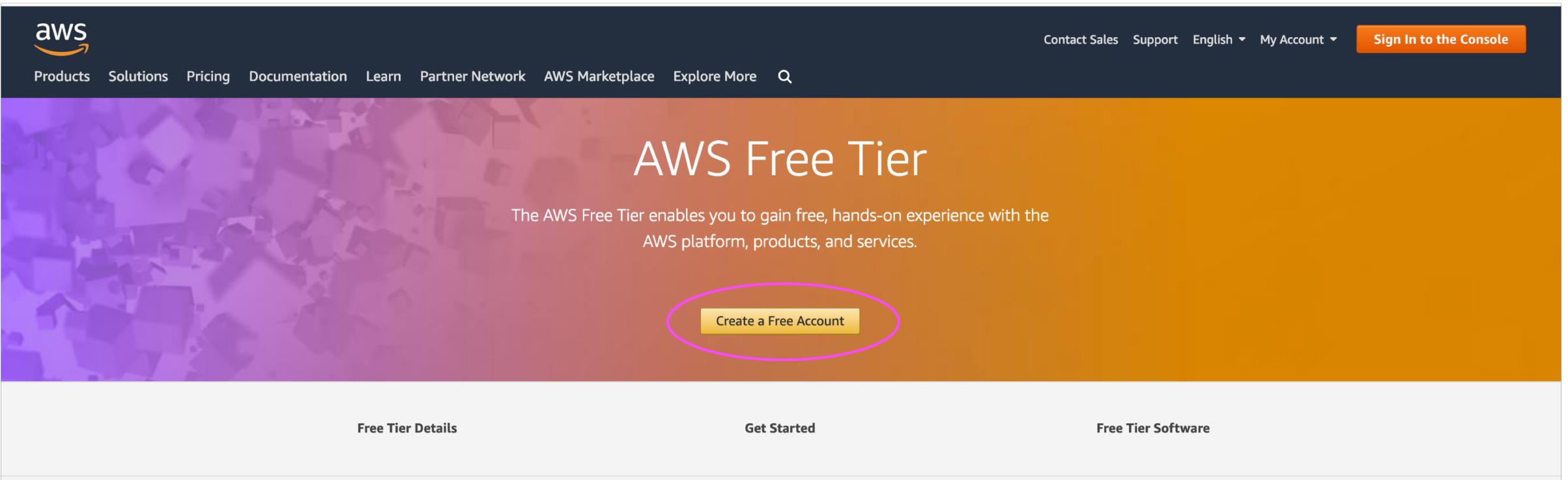


AWS account setup and RDS installation

CS336 – Spring 2019

Set up a free AWS account for your project

- Step 1: go to <http://aws.amazon.com/free/>, sign up and create a free account



The screenshot shows the AWS Free Tier landing page. At the top, there's a dark header bar with the AWS logo, navigation links (Products, Solutions, Pricing, Documentation, Learn, Partner Network, AWS Marketplace, Explore More), a search icon, and user options (Contact Sales, Support, English, My Account). To the right is a prominent orange button labeled "Sign In to the Console". The main background features a colorful gradient from purple to orange with a subtle geometric pattern. The title "AWS Free Tier" is centered in large white font. Below it, a descriptive text reads: "The AWS Free Tier enables you to gain free, hands-on experience with the AWS platform, products, and services." A yellow "Create a Free Account" button is positioned at the bottom center, enclosed in a pink oval. At the very bottom, there are three links: "Free Tier Details", "Get Started", and "Free Tier Software".



English ▾

Create an AWS account

AWS Accounts Include 12 Months of Free Tier Access

Including use of Amazon EC2, Amazon S3, and Amazon DynamoDB
Visit aws.amazon.com/free for full offer terms

Email address

your email of choice here

Password

.....

Confirm password

.....

AWS account name ⓘ

choose an account name here

Continue

[Sign in to an existing AWS account](#)

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[Privacy Policy](#) | [Terms of Use](#)

Contact Information

All fields are required.

Please select the account type and complete the fields below with your contact details.

Account type 

Professional Personal

Full name

atb

Phone number

Country/Region

United States 

Address

Street, P.O. Box, Company Name, c/o

Apartment, suite, unit, building, floor, etc.

City

State / Province or region

Postal code

Check here to indicate that you have
read and agree to the terms of the [AWS
Customer Agreement](#)

[Create Account and Continue](#)

Payment Information

Please type your payment information so we can verify your identity. We will not charge you unless your usage exceeds the [AWS Free Tier Limits](#). Review [frequently asked questions](#) for more information.

<<< DO NOT WORRY:

You will be charged \$1 just as test that the card is valid, but you will get the money back.

Credit/Debit card number

Expiration date

05 2021

Cardholder's name

A Your credit card name

Billing address

Use my contact address

110 Frelinghuysen Rd
Piscataway NJ 08854
US

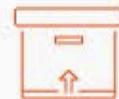
Use a new address

Full name

Your credit card name

Select a Support Plan

AWS offers a selection of support plans to meet your needs. Choose the support plan that best aligns with your AWS usage. [Learn more](#)



Basic Plan

Free

- Included with all accounts
- 24/7 self-service access to forums and resources
- Best practice checks to help improve security and performance
- Access to health status and notifications



Developer Plan

From \$29/month

- For early adoption, testing and development
- Email access to AWS Support during business hours
- 1 primary contact can open an unlimited number of support cases
- 12-hour response time for nonproduction systems



Business Plan

From \$100/month

- For production workloads & business-critical dependencies
- 24/7 chat, phone, and email access to AWS Support
- Unlimited contacts can open an unlimited number of support cases
- 1-hour response time for production systems

Need Enterprise level support?

Contact your account manager for additional information on running business and mission critical-workloads on AWS (starting at \$15,000/month). [Learn more](#)

Menu



Contact Sales

Products

More ▾

English ▾

My Account ▾

Complete Sign Up

Welcome to Amazon Web Services

Thank you for creating an Amazon Web Services Account. We are activating your account, which should only take a few minutes. You will receive an email when this is complete.

[Sign In to the Console](#)

[Get started with the AWS Command Line Interface >>](#)

Personalize Your Experience

×

Fill in the blanks below to receive recommendations catered to your role and interests.

My role is: [select role ▾](#)

I am interested in: [select area ▾](#)

[Submit](#)

Try AWS with a 10-Minute Tutorial



Sign in ?

Email address of your AWS account

To sign in as an IAM user, enter your [account ID](#) or [account alias](#) instead.

Enter here the email address from the start

Next

New to AWS?

Create a new AWS account

Amazon DynamoDB

Fast and flexible NoSQL database service for any scale

Learn more



AWS Management Console

AWS services

Find Services

You can enter names, keywords or acronyms.

 Example: Relational Database Service, database, RDS

▼ Recently visited services



RDS



Billing



EC2

► All services

Build a solution

Get started with simple wizards and automated workflows.

Launch a virtual machine

With EC2

2-3 minutes



Build a web app

With Elastic Beanstalk

6 minutes



Build using virtual servers

With Lightsail

1-2 minutes



Connect an IoT device

With AWS IoT

5 minutes



Start a development project

With CodeStar

5 minutes



Register a domain

With Route 53

3 minutes



Access resources on the go



Access the Management Console using the AWS Console Mobile App. [Learn more](#)

Explore AWS

Amazon RDS

Set up, operate, and scale your relational database in the cloud. [Learn more](#)

Scalable, Durable, Secure Backup & Restore with Amazon S3

Discover how customers are building backup & restore solutions on AWS that save money. [Learn more](#)

Run Serverless Containers with AWS Fargate

AWS Fargate runs and scales your containers without having to manage servers or clusters. [Learn more](#)

Amazon SageMaker

Build, train, and deploy machine learning models. [Learn more](#)

Have feedback?



Services ▾

Resource Groups ▾



borgida ▾

N. Virginia ▾

Support ▾

History

Console Home

Find a service by name or feature (for example, EC2, S3 or VM, storage).

Group

A-Z



Compute

- EC2
- Lightsail ↗
- Elastic Container Service
- Lambda
- Batch
- Elastic Beanstalk



Developer Tools

- CodeStar
- CodeCommit
- CodeBuild
- CodeDeploy
- CodePipeline
- Cloud9
- X-Ray



Machine Learning

- Amazon SageMaker
- Amazon Comprehend
- AWS DeepLens
- Amazon Lex
- Machine Learning
- Amazon Polly
- Rekognition
- Amazon Transcribe
- Amazon Translate



AR & VR

- Amazon Sumerian ↗



Storage

- S3
- EFS
- Glacier
- Storage Gateway



Database

- RDS
- DynamoDB
- ElastiCache
- Amazon Redshift



Management Tools

- CloudWatch
- AWS Auto Scaling
- CloudFormation
- CloudTrail
- Config
- OpsWorks
- Service Catalog
- Systems Manager
- Trusted Advisor
- Managed Services



Analytics

- Athena
- EMR
- CloudSearch
- Elasticsearch Service
- Kinesis
- QuickSight ↗
- Data Pipeline
- AWS Glue



Customer Engagement

- Amazon Connect
- Pinpoint
- Simple Email Service



Business Productivity

- Alexa for Business
- Amazon Chime ↗
- WorkDocs

Database

Amazon RDS

Managed relational database service

Easily set up, operate, and scale a relational database in the cloud.

Get started

Create a new database instance by selecting a database engine with your desired configuration.

[Create database](#)

[Restore a database from Amazon S3](#)

How it works



Amazon RDS provides cost-efficient and scalable relational database capacity while automating time-consuming administration tasks such as hardware provisioning, database setup, patching and

Pricing and costs

[Amazon Aurora Pricing](#)

[Amazon RDS for MySQL Pricing](#)

[Amazon RDS for PostgreSQL Pricing](#)

[Amazon RDS for MariaDB Pricing](#)

[Amazon RDS for Oracle Pricing](#)

[Amazon RDS for SQL Server Pricing](#)

Getting started and documentation

[Getting Started](#)

[Documentation](#)

[Community Forum](#)



Services ▾

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Amazon RDS

[Dashboard](#)[Instances](#)[Clusters](#)[Performance Insights](#) PREVIEW[Snapshots](#)[Reserved instances](#)[Subnet groups](#)[Parameter groups](#)[Option groups](#)[Events](#)[Event subscriptions](#)[Notifications](#)

RDS > Instances

Instances (0)

Instance actions ▾

Launch DB instance

Restore from S3

 Filter instances 1

DB instance



Engine ▾

Status ▾

CPU

Current activity

Mainte

No instances found



Services ▾

Resource Groups ▾



borgida ▾

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Support ▾



RDS > Instances > Launch DB instance

Step 1
Select engineStep 2
Choose use caseStep 3
Specify DB detailsStep 4
Configure advanced
settings

Select engine

Engine options

 Amazon AuroraAmazon
Aurora MySQL MariaDB PostgreSQL Oracle**ORACLE®** Microsoft SQL Server

MySQL

MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.

- Supports database size up to 16 TB.



Step 3
Configure advanced
settings

Amazon Aurora

Amazon
Aurora

MySQL



MariaDB



PostgreSQL



Oracle

ORACLE®

Microsoft SQL Server



MySQL

MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.

- Supports database size up to 16 TB.
- Instances offer up to 32 vCPUs and 244 GiB Memory.
- Supports automated backup and point-in-time recovery.
- Supports cross-region read replicas.

Only enable options eligible for RDS Free Usage Tier [info](#)

Cancel

Next



Step 1
Select engine

Step 2
Specify DB details

Step 3
Configure advanced
settings

RDS > Create database

Specify DB details

Instance specifications

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

DB engine

MySQL Community Edition

License model [Info](#)

general-public-license

You don't change anything in this page.
Continue scrolling down...

DB engine version [Info](#)

MySQL 5.6.40



Known Issues/Limitations

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



Free tier

The Amazon RDS Free Tier provides a single db.t2.micro instance as well as up to 20 GiB of storage, allowing new AWS customers to gain hands-on experience with Amazon RDS. Learn more about the RDS Free Tier and the instance restrictions [here](#).

Only enable options eligible for RDS Free Usage Tier [Info](#)

DB instance class [Info](#)

db.t2.micro — 1 vCPU, 1 GiB RAM

Multi-AZ deployment [Info](#)

Create replica in different zone

Creates a replica in a different Availability Zone (AZ) to provide data redundancy, eliminate I/O freezes, and minimize latency

db.t2.micro — 1 vCPU, 1 GiB RAM

Multi-AZ deployment [Info](#)

-
- Create replica in different zone

Creates a replica in a different Availability Zone (AZ) to provide data redundancy, eliminate I/O freezes, and minimize latency spikes during system backups.

-
- No

Storage type [Info](#)

General Purpose (SSD)



Allocated storage

20

GiB

(Minimum: 20 GiB, Maximum: 20 GiB) Higher allocated storage [may improve](#) IOPS performance.

Settings

DB instance identifier [Info](#)

Specify a name that is unique for all DB instances owned by your AWS account in the current region.

DB instance identifier is case insensitive, but stored as all lower-case, as in "mydbinstance". Must contain from 1 to 63 alphanumeric characters or hyphens (1 to 15 for SQL Server). First character must be a letter. Cannot end with a hyphen or contain two consecutive hyphens.

Master username [Info](#)

Specify an alphanumeric string that defines the login ID for the master user.

Master Username must start with a letter. Must contain 1 to 16 alphanumeric characters.

Master password [Info](#)Confirm password [Info](#)

Master Password must be at least eight characters long, as in "mypassword". Can be any printable ASCII character except "/", "", or "@".

Cancel

Previous

Next





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Resource Groups ▾



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N. Virginia ▾

Support ▾

General Purpose (SSD)

Allocated storage

20

GB

(Minimum: 20 GB, Maximum: 20 GB) Higher allocated storage [may improve IOPS performance](#).

Settings

DB instance identifier [info](#)

Specify a name that is unique for all DB instances owned by your AWS account in the current region.

cs336db

DB instance identifier is case insensitive, but stored as all lower-case, as in "mydbinstance".

Master username [info](#)

Specify an alphanumeric string that defines the login ID for the master user.

cs336

Master Username must start with a letter.

Master password [info](#)

Confirm password [info](#)

Master Password must be at least eight characters long, as in "mypassword".

Cancel

Previous

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Services

Resource Groups



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Support



RDS > Instances > Launch DB instance

Step 1
Select engineStep 2
Specify DB detailsStep 3
**Configure advanced
settings**

Configure advanced settings

Network & Security

[Refresh](#)

Virtual Private Cloud (VPC) [info](#)

VPC defines the virtual networking environment for this DB instance.



Only VPCs with a corresponding DB subnet group are listed.

Subnet group [info](#)

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



Public accessibility [info](#)

 Yes

EC2 instances and devices outside of the VPC hosting the DB instance will connect to the DB instances. You must also select one or more VPC security groups that specify which EC2 instances and devices can connect to the DB instance.

 No

DB instance will not have a public IP address assigned. No EC2 instance or devices outside of the VPC will be able to connect.

Availability zone [info](#)



Continue scrolling down...

aws Services Resource Groups ⚙ Select existing VPC security groups

Database options

Database name Enter here the name of your database schema

Note: if no database name is specified then no initial MySQL database will be created on the DB Instance.

Database port TCP/IP port the DB instance will use for application connections.

DB parameter group [info](#) default.mysql5.6

Option group [info](#) default:mysql-5-6

Copy tags to snapshots

IAM DB authentication info

Enable IAM DB authentication
Manage your database user credentials through AWS IAM users and roles.

Disable



Services ▾

Resource Groups ▾



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Support ▾

Select existing VPC security groups

Database options

Database name

BarBeerDrinker

Note: if no database name is specified then no initial MySQL database will be created on the DB Instance.

Database port

TCP/IP port the DB instance will use for application connections.

3306

DB parameter group [info](#)

default.mysql5.6



Option group [info](#)

default:mysql-5-6

 Copy tags to snapshots

IAM DB authentication [info](#)

 Enable IAM DB authentication

Manage your database user credentials through AWS IAM users and roles.

 Disable

Continue scrolling down...



Services ▾

Resource Groups ▾



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Support ▾



Encryption

Encryption

Enable Encryption

Select to encrypt the given instance. Master key ids and aliases appear in the list after they have been created using the Key Management Service(KMS) console. [Learn More](#).

Disable Encryption

i The selected engine or DB instance class does not support storage encryption.

Backup

⚠ Please note that automated backups are currently supported for InnoDB storage engine only. If you are using MyISAM, refer to detail [here](#).

Backup retention period [Info](#)

Select the number of days that Amazon RDS should retain automatic backups of this DB instance.

7 days



Backup window [Info](#)

Select window

No preference

Backup retention period ×

The number of days for which automated backups are retained.

Setting this parameter to a positive number enables backups.

Setting this parameter to 0 disables automated backups.

Continue scrolling down...



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Resource Groups ▾



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Support ▾



Monitoring

Enhanced monitoring

Enable enhanced monitoring

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

Disable enhanced monitoring

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

 Ensure that General, Slow Query, and Audit Logs are turned on. Error logs are enabled by default.

[Learn more](#)

Continue scrolling down...



- 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

i Ensure that General, Slow Query, and Audit Logs are turned on. Error logs are enabled by default.

[Learn more](#)

Maintenance

Auto minor version upgrade [Info](#)

Enable auto minor version upgrade

Enables automatic upgrades to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the DB instance.

Disable auto minor version upgrade

Maintenance window [Info](#)

Select the period in which you want pending modifications or patches applied to the DB instance by Amazon RDS.

Select 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.

Cancel

Previous

Create database

 Services ▾ Resource Groups ▾  borgida ▾ N. Virginia ▾ Support ▾

RDS > Instances > Launch DB instance

 Your DB instance is being created.
Note: Your instance may take a few minutes to launch.

Connecting to your DB instance

Once Amazon RDS finishes provisioning your DB instance, you can use a SQL client application or utility to connect to the instance.

[Learn about connecting to your DB instance](#)

[All DB instances](#) View DB Instance details

AWS Services Resource Groups borgida N. Virginia Support

Amazon RDS

RDS > Instances > cs336db

cs336db

Instance actions ▾

Summary

Engine	DB instance class info	DB instance status	Pending maintenance
MySQL 5.6.37	db.t2.micro	creating	none

CloudWatch (17)

Add instance to compare Monitoring Last Hour

Legend: cs336db

CPU Utilization (Percent)

DB Connections (Count)

The screenshot shows the AWS RDS Instances page for a database named 'cs336db'. The instance is in the 'creating' state. The CloudWatch section displays 17 metrics. Below are two line charts: 'CPU Utilization (Percent)' and 'DB Connections (Count)', both showing data from 01/21.

Scroll down to the “Connect” section

aws Services Resource Groups borgida N. Virginia Support

Amazon RDS

Dashboard Instances Clusters Performance Insights PREVIEW Snapshots Reserved instances Subnet groups Parameter groups Option groups Events Event subscriptions Notifications

THIS INFORMATION IS THE HOSTNAME AND PORT OF YOUR DATABASE THAT YOU NEED IN ORDER TO CONNECT TO IT.

Connect

Endpoint: cs336db.cdd1z7wndput.us-east-1.rds.amazonaws.com Port: 3306 Publicly accessible: Yes

Security group rules (2)

Filter security group rules < 1 > ⚙️

Security group	Type	Rule
rds-launch-wizard (sg-b1e6dcc5)	CIDR/IP - Inbound	68.194.116.160/32
rds-launch-wizard (sg-b1e6dcc5)	CIDR/IP - Outbound	0.0.0.0/0

Click here

Details Modify

Configurations	Security and network	Instance and IOPS	Maintenance details
ARN	Availability zone	Instance Class	Auto minor version upgrade



Services ▾

Resource Groups ▾



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N. Virginia ▾

Support ▾

EC2 Dashboard

Events

Tags

Reports

Limits

Instances ▾

Instances

Launch Templates

Spot Requests

Reserved Instances

Dedicated Hosts

Scheduled Instances

Images ▾

AMIs

Bundle Tasks

Elastic Block Store ▾

Volumes

Snapshots

Network & Security ▾

Security Groups

Elastic IPs

Create Security Group

Actions ▾

search : rds-launch-wizard X

Add filter



K < 1 to 1 of 1 > |



Name

Group ID

Group Name

VPC ID

Description



sg-b1e6dcc5

rds-launch-wizard

vpc-84565efc

Created from the RDS Management Cons...

Security Group: sg-b1e6dcc5



Description

Inbound

Outbound

Tags

Group name rds-launch-wizard

Group description Created from the RDS Management
Console: 2018/01/21 20:47:32

Group ID sg-b1e6dcc5

VPC ID vpc-84565efc



AWS Services Resource Groups Actions

EC2 Dashboard Events Tags Reports Limits

INSTANCES Instances Launch Templates Spot Requests Reserved Instances Dedicated Hosts Scheduled Instances

IMAGES AMIs Bundle Tasks

ELASTIC BLOCK STORE Volumes Snapshots

NETWORK & SECURITY Security Groups Elastic IPs

Create Security Group Actions

search : rds-launch-wizard Add filter

Name Group ID Group Name VPC ID Description

sg-b1e6dcc5 rds-launch-wizard vpc-84565efc Created from the RDS Management Cons...

Security Group: sg-b1e6dcc5

Description Inbound Outbound Tags

Edit

Type	Protocol	Port Range	Source	Description
MYSQL/Aurora	TCP	3306	68.194.116.160/32	

Screenshot of the AWS EC2 Dashboard showing the creation of a new Security Group.

The top navigation bar includes the AWS logo, Services (dropdown), Resource Groups (dropdown), a bell icon, borgida (username), N. Virginia (region), and Support (dropdown).

The left sidebar shows navigation links: EC2 Dashboard, Events, Tags, Reports, Limits, INSTANCES (with sub-links: Instance Types, Launch Configurations, Spot Requests, Reservations, Dedicated Instances, Schedules), IMAGES (with sub-links: AMIs, Bundles), and ELASTIC BLOCK STORE (with sub-links: Volumes, Snapshots). The NETWORK & SECURITY section is expanded, showing Security Groups (selected) and Elastic IPs.

The main content area displays a "Create Security Group" button and a search bar with the query "rds-launch-wizard". Below the search bar is a table header with columns: Name, Group ID, Group Name, VPC ID, and Description.

A modal window titled "Edit inbound rules" is open. It contains fields for Type (MySQL/Aurora), Protocol (TCP), Port Range (3306), Source (Custom IP 68.194.116.160/32), and Description (e.g. SSH for Admin Desktop). An "Add Rule" button is highlighted with a pink oval. A note at the bottom states: "NOTE: Any edits made on existing rules will result in the edited rule being deleted and a new rule created with the new details. This will cause traffic that depends on that rule to be dropped for a very brief period of time until the new rule can be created." At the bottom right of the modal are "Cancel" and "Save" buttons.

The table below the modal shows one existing rule:

Type	Protocol	Port Range	Source
MySQL/Aurora	TCP	3306	68.194.116.160/32

AWS EC2 Dashboard

Services ▾ Resource Groups ▾

EC2 Dashboard Events Tags Reports Limits

INSTANCES Instances Launch Spot Reserv Dedicated Sched

IMAGES AMIs Bundles

ELASTIC Volumes Snapshots

NETWORK & SECURITY Security Groups Elastic IPs

Create Security Group Actions ▾

search : rds-launch-wizard Add filter

Name Group ID Group Name VPC ID Description

Edit inbound rules

Type	Protocol	Port Range	Source	Description
MySQL/Aurora	TCP	3306	Custom 68.194.116.160/32	e.g. SSH for Admin Desktop
All TCP	TCP	0 - 65535	Anywhere 0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop

Add Rule

NOTE: Any edits made on existing rules will result in the edited rule being deleted and a new rule created with the new details. This will cause traffic that depends on that rule to be dropped for a very brief period of time until the new rule can be created.

Cancel Save

MySQL/Aurora TCP 3306 68.194.116.160/32

If you have gotten till here you are done with the installation. If you want to go back to the details of your instance follow the next steps.

The screenshot shows the AWS EC2 Dashboard with the 'Services' menu item circled in pink. The main content area displays the 'Create Security Group' button and a search bar with the query 'rds-launch-wizard'. A table lists a single security group entry:

Name	Group ID	Group Name	VPC ID	Description
sg-b1e6dcc5	rds-launch-wizard	vpc-84565efc	Created from the RDS Management Cons...	

Below the table, the 'Security Group: sg-b1e6dcc5' section is expanded. The 'Inbound' tab is selected, showing three rules:

Type	Protocol	Port Range	Source	Description
All TCP	TCP	0 - 65535	0.0.0.0/0	
All TCP	TCP	0 - 65535	::/0	
MYSQL/Aurora	TCP	3306	68.194.116.160/32	



Services ▾

Resource Groups ▾



borgida ▾

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Support ▾

History

EC2

RDS

Console Home

Find a service by name or feature (for example, EC2, S3 or VM, storage).

Group A-Z

Compute

- EC2
- Lightsail ↗
- Elastic Container Service
- Lambda
- Batch
- Elastic Beanstalk

Storage

- S3
- EFS
- Glacier
- Storage Gateway

Database

- RDS
- DynamoDB
- ElastiCache
- Amazon Redshift

Developer Tools

- CodeStar
- CodeCommit
- CodeBuild
- CodeDeploy
- CodePipeline
- Cloud9
- X-Ray

Management Tools

- CloudWatch
- AWS Auto Scaling
- CloudFormation
- CloudTrail
- Config
- OpsWorks
- Service Catalog
- Systems Manager
- Trusted Advisor
- Managed Services

Machine Learning

- Amazon SageMaker
- Amazon Comprehend
- AWS DeepLens
- Amazon Lex
- Machine Learning
- Amazon Polly
- Rekognition
- Amazon Transcribe
- Amazon Translate

Analytics

- Athena
- EMR
- CloudSearch
- Elasticsearch Service
- Kinesis
- QuickSight ↗
- Data Pipeline
- AWS Glue

AR & VR

- Amazon Sumerian ↗

Application Integration

- Step Functions
- Amazon MQ
- Simple Notification Service
- Simple Queue Service
- SWF

Customer Engagement

- Amazon Connect
- Pinpoint
- Simple Email Service

Business Productivity

- Alexa for Business
- Amazon Chime ↗
- WorkDocs

▲ close



Amazon RDS

[Dashboard](#)[Databases](#)[Performance Insights](#)[Snapshots](#)[Automated backups](#)[Reserved instances](#)[Subnet groups](#)[Parameter groups](#)[Option groups](#)[Events](#)[Event subscriptions](#)[Recommendations](#)

Amazon Aurora

Amazon Aurora is a MySQL- and PostgreSQL-compatible enterprise-class database, starting at <\$1/day. Aurora supports up to 64TB of auto-scaling storage capacity, 6-way replication across three availability zones, and 15 low-latency read replicas. [Learn more.](#)

[Create database](#)

Or, [Restore Aurora DB cluster from S3](#)

Resources

[Refresh](#)

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

[DB Instances \(1/40\)](#)

Allocated storage (20.00 GB/100.00 TB)

[Click here to increase DB instances limit](#)

[Reserved instances \(0/40\)](#)[Snapshots \(44\)](#)

Manual (3/100)

Automated (0)

[Recent events \(0\)](#)[Event subscriptions \(0/20\)](#)[Parameter groups \(2\)](#)

Default (1)

Custom (1/100)

[Option groups \(1\)](#)

Default (1)

Custom (0/20)

[Subnet groups \(1/50\)](#)[Supported platforms VPC](#)

Default network vpc-903714f9

Additional information

[Getting started with RDS](#)[Overview and features](#)[Documentation](#)[Articles and tutorials](#)[Data import guide for MySQL](#)[Data import guide for Oracle](#)[Data import guide for SQL Server](#)[New RDS feature announcements](#)[Pricing](#)[Forums](#)

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 (Ohio) region

Service health

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

Database Preview Environment

Get early access to new DB engine versions, before they're generally available. The RDS database preview environment lets you work with upcoming beta, release candidate, and early production versions of PostgreSQL engines. Preview environment instances are fully functional, so you can easily test new features and functionality with your applications.

[Info](#)[Preview PostgreSQL in US EAST \(Ohio\)](#)

AWS Services Resource Groups borgida N. Virginia Support

Amazon RDS

Instances (1)

DB instance	Engine	Status	CPU	Current activity
cs336db	MySQL	available	1.48%	0 Conn

Filter instances < 1 > ⚙️ ⌂

Dashboard Instances Clusters Performance Insights PREVIEW Snapshots Reserved instances Subnet groups Parameter groups Option groups Events Event subscriptions Notifications

RDS > Instances

Instance actions ▾ Launch DB Instance Restore from S3

AWS Services Resource Groups

RDS > Databases > cs336db

cs336db

Modify Actions ▾

Summary

DB Name	CPU	Info	Class
mydb	2.13%	Available	db.t2.micro
Role	Current activity	Engine	Region & AZ
Instance	0 Connections	MySQL	us-east-2b

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

Connectivity & security

Endpoint & port	Networking	Security
Endpoint mydb.ckksjtjg2jto.us-east-2.rds.amazonaws.com	Availability zone us-east-2b	VPC security groups rds-launch-wizard-3 (sg-0dcf793e7c440f301) (active)
Port 3306	VPC vpc-903714f9	Public accessibility Yes
	Subnet group default	Certificate authority rds-ca-2015
	Subnets subnet-30bbc94b subnet-acc07be1 subnet-ebf3c082	Certificate authority date Mar 5th, 2020