

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

vocalata/user/2025863-Saitwadekar\_Valay\_Angar @ 1747-7057-6719

VPC > Security Groups > Create security group

Create security group

info

A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.

Basic details

Security group name

info

DB Security Group

Name cannot be edited after creation.

Description

info

Permit access from Web Security Group

VPC

info

vpc-08afb17a2327cd74e

X

Inbound rules

info

Type

info

MySQL/Aurora

Protocol

info

TCP

Port range

info

3306

Source

info

Custom

info

info

Description - optional

info

info

sg-09b4684648caa27b04

X

Delete

Add rule

Outbound rules

info

Type

info

All traffic

Protocol

info

All

Port range

info

All

Destination

info

Custom

info

info

Description - optional

info

info

0.0.0.0

X

Delete

Add rule

Tags - optional

info

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags

Feedback

Looking for language selection? Find it in the new Unified Settings

© 2022, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

vocalata/user/2025863-Saitwoodkar\_Valay\_Angar @ 1747-7057-8719

New VPC Experience

Tell us what you think

VPC dashboard

EC2 Global View

Filter by VPC

Select a VPC

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only Internet gateways

Carrier gateways

DHCP Option Sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Security

Network ACLs

Security groups

Network Analysis

Reachability Analyzer

Network Access Analyzer

DNS firewall

Rule groups

Domain lists

Amazon Network Firewall

Firewalls

Firewall policies

Network Firewall rule groups

Security group sg-0f8d4dd87bc4c9d55 | DB Security Group was created successfully

Details

VPC > Security Groups > sg-0f8d4dd87bc4c9d55 - DB Security Group

sg-0f8d4dd87bc4c9d55 - DB Security Group

Actions

Details

Security group name

DB Security Group

Security group ID

sg-0f8d4dd87bc4c9d55

Description

Permit access from Web Security Group

VPC ID

vpc-08afb17a2327cd74e

Owner

174770578719

Inbound rules count

1 Permission entry

Outbound rules count

1 Permission entry

Inbound rules

Outbound rules

Tags

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Inbound rules (1/1)

Filter security group rules

Manage tags

Edit inbound rules

Name	Security group rule...	IP version	Type	Protocol	Port range	Source	Description
-	sg-0390b9af2083cb6a	-	MySQL/Aurora	TCP	3306	sg-06b4684648caa22...	-

Feedback

Looking for language selector? Find it in the new Unified Settings

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Amazon RDS

Dashboard

Databases

Query Editor

Performance insights

Snapshots

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Events

Event subscriptions

Recommendations

Certificate update

RDS

Subnet groups

Create DB subnet group

Create DB subnet group

To create a new subnet group, give it a name and a description, and choose an existing VPC. You will then be able to add subnets related to that VPC.

Subnet group details

Name

You won't be able to modify the name after your subnet group has been created.

DB-Subnet-Group

Must contain from 1 to 255 characters. Alphanumeric characters, spaces, hyphens, underscores, and periods are allowed.

Description

DB Subnet Group

VPC

Choose a VPC identifier that corresponds to the subnets you want to use for your DB subnet group. You won't be able to choose a different VPC identifier after your subnet group has been created.

Lab VPC (vpc-08afb17a2327cd74e)

Add subnets

Availability Zones

Choose the Availability Zones that include the subnets you want to add.

Choose an availability zone

us-east-1a us-east-1b

Subnets

Choose the subnets that you want to add. The list includes the subnets in the selected Availability Zones.

Select subnets

subnet-014ea14d6f4b811f4 (10.0.3.0/24)

subnet-0b3132d5070470296 (10.0.1.0/24)

Subnets selected (2)

Availability zone	Subnet ID	CIDR block
us-east-1b	subnet-014ea14d6f4b811f4	10.0.3.0/24
us-east-1a	subnet-0b3132d5070470296	10.0.1.0/24

Cancel

Create

Feedback

Looking for language selection? Find it in the new Unified Settings

© 2022, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Amazon RDS

Dashboard

Databases

Query Editor

Performance insights

Snapshots

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Events

Event subscriptions

Recommendations

Certificate update

Successfully created DB-Subnet-Group. [View subnet group](#)

RDS > Subnet groups

Subnet groups (1)

Filter by subnet group

< 1 >

Name	Description	Status	VPC
db-subnet-group	DB Subnet Group	Complete	vpc-06afb17a2327cd74e

Create DB subnet group

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

© 2022, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

vocalata/user/2025863-Satwadekar\_Valay\_Angar @ 1747-7057-6719

■ Enable Enhanced monitoring

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

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:ServiceLinkedRole

ⓘ 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

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	12.41 USD
Multi-AZ standby instance	12.41 USD
Storage	4.60 USD
Total	29.42 USD

This billing estimate is based on on-demand usage as described in [Amazon RDS Pricing](#). Estimate does not include costs for backup storage, I/Os (if applicable), 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

Feedback

Looking for language selection? Find it in the new [Unified Settings](#).

© 2022, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

Amazon RDS

Dashboard

Databases

Query Editor

Performance insights

Snapshots

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Events

Event subscriptions

Recommendations

Certificate update

Creating database lab-db

Your database might take a few minutes to launch.

View credential details

RDS

Databases

Databases

Group resources

Modify

Actions

Restore from S3

Create database

Filter by databases

DB identifier	Role	Engine	Region & AZ	Size	Status	CPU	Current activity	Maintenance	VPC	Multi-AZ
lab-db	Instance	MySQL Community	-	db.t3.micro	Creating	-	-	none	vpc-08afb17a2327cd74e	Yes

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

© 2022, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

Amazon RDS

Dashboard

Databases

Query Editor

Performance insights

Snapshots

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Events

Event subscriptions

Recommendations

Certificate update

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

voclate/user/2025063-Saitwadekar\_Valay\_Angar @ 1747-7057-8719

Databases

Group resources

Modify

Actions

Restore from S3

Create database

Filter by databases

< 1 >

DB identifier	Role	Engine	Region & AZ	Size	Status	CPU	Current activity	Maintenance	VPC	Multi-AZ
lab-db	Instance	MySQL Community	us-east-1a	db.t3.micro	Available	3.35%	0 Connections	none	vpc-08a8b17a25227cd74e	Yes

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

© 2022, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

Amazon RDS

Dashboard

Databases

Query Editor

Performance insights

Snapshots

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Events

Event subscriptions

Recommendations

Certificate update

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

vocalata/user/2025863-Saitowdekar\_Valay\_Angar @ 1747-7057-8719

lab-db

Summary

DB identifier

lab-db

CPU

2.84%

Status

Available

Class

db.t3.micro

Role

Instance

Current activity

0 Connections

Engine

MySQL Community

Region & AZ

us-east-1a

Connectivity & security

Monitoring

Logs & events

Configuration

Maintenance & backups

Tags

Connectivity & security

Endpoint & port

Endpoint  
lab-db.c1dade3weckkk.us-east-1.rds.amazonaws.com

Port  
3306

Networking

Availability Zone  
us-east-1a

VPC  
Lab VPC (vpc-0bafeb7a2327a074e)

Subnet group  
db-subnet-group

Subnets  
subnet-db3131d5070470296  
subnet-014ea14a8f4b81114

Network type  
IPv4

Security

VPC security groups  
default (sg-0c21356a09ff7ea9f)  
Active

Public accessibility  
No

Certificate authority  
rds-ca-2019

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

Security group rules (2)

Filter by security group rules

< 1 > ⌕

Replication (1)

Filter by replication

< 1 > ⌕

DB instance	Role	Region & AZ	Replication source	Replication state	Lag
lab-db	Instance	us-east-1a	-	-	-

Feedback

Looking for language selection? Find it in the new Unified Settings

© 2022, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences





Load Test

RDS

Meta-Data	Value
InstanceId	i-0fb58d7d1eb36046f
Availability Zone	us-east-1b

Current CPU Load: 0%



Load Test

RDS

Endpoint lab-db.c1dxde3wckkk.us-east-1.rds.amazonaws.com

Database lab

Username main

Password \*\*\*\*\*

Submit