

Amazon RDS

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Subnet group details

Name

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

database subnets

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

Description

database subnet groups

Demo VPC (vpc-0b3443802a0cc7c3e)

vpc-041036603ad4568e2

Choose a VPC

Add subnets

Availability Zones

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

Choose an availability zone ▼

us-east-2a ✕

us-east-2b ✕

Subnets

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

Select subnets ▲

us-east-2a

☐ subnet-044e17046721dd28e (10.0.2.0/24)

☐ subnet-0a661b5026d462dc0 (10.0.0.0/24)

☒ subnet-0d0639b4cf1c40432 (10.0.4.0/24)

us-east-2b

☐ subnet-013e5df49b2580996 (10.0.1.0/24)

☐ subnet-0ad2443b1311fbfed (10.0.3.0/24)

☒ subnet-0a7cc68e4c47d8a1d (10.0.5.0/24)

☒ **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**



Engine Version

MySQL 5.7.42

Choose MySQL 5.7

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

Templates

Choose a sample template to meet your use case.

☐ **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](#)

DB instance identifier [Info](#)

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

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

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

☐ **Manage master credentials in AWS Secrets Manager**

Manage master user credentials in Secrets Manager. RDS can generate a password for you and manage it throughout its lifecycle.

 If you manage the master user credentials in Secrets Manager, some RDS features aren't supported.

[Learn more](#) 

☐ **Auto generate a password**

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

Master password [Info](#)

Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), '(single quote), "(double quote) and @ (at sign).

Confirm master password [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.

Demo VPC (vpc-0b3443802a0cc7c3e)
6 Subnets, 2 Availability Zones

Default VPC (vpc-041036603ad4568e2)
3 Subnets, 3 Availability Zones

Demo VPC (vpc-0b3443802a0cc7c3e)
6 Subnets, 2 Availability Zones



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.

database subnets
2 Subnets, 2 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

☐ Webserver Security Group

☐ EFS Security Group

☐ Database Security Group

☐ ALB Security Group

Availability Zone [Info](#)

No preference	▲
No preference	✓
us-east-2a	
us-east-2b	

Can choose 2a or any other AZ

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 the correct database instance. It does so by checking the server certificate that is automatically installed on all databases that you create.

rds-ca-2019 (default)	▼
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If you don't select a certificate authority, RDS chooses one for you.

▼ Additional configuration

Database port [Info](#)

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

3306

Database options

Initial database name [Info](#)

applicationdb

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

DB parameter group [Info](#)

default.mysql5.7



Option group [Info](#)

default:mysql-5-7



Backup



Enable automated backups

Creates a point-in-time snapshot of your database

