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

● Amazon Aurora

○ MySQL

○ MariaDB

## 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

Type 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.

```
database-2
```

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
```

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## ▼ Credentials Settings

### Master username Info

Type a login ID for the master user of your DB instance.

```
admin
```

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

☐ 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 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 password **Info**

```
••••••••
```

## DB instance class

DB instance class  **Info**

○ Memory optimized classes (includes r classes)

● Burstable classes (includes t classes)

```
db.t3.small
2 vCPUs    2 GiB RAM    Network: 2,085 Mbps        ▼
```

⬤ Include previous generation classes

## Availability & durability

Multi-AZ deployment  **Info**

db.t3.small
2 vCPUs    2 GiB RAM    Network: 2,085 Mbps

⬤ Include previous generation classes

## 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

## Connectivity

Virtual private cloud (VPC)  **Info**
VPC that defines the virtual networking environment for this DB cluster.

Default VPC (vpc-3ab53747) ▼

Only VPCs with a corresponding DB subnet group are listed.

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

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

| default-vpc-3ab53747 | ▼ |
| --- | --- |

## Public access  Info

🔘 **Yes**
   Amazon EC2 instances and devices outside the VPC can connect to your database. Choose one or more VPC security groups that specify which EC2 instances and devices inside the VPC can connect to the database.

⚪ **No**
   RDS will not assign a public IP address to the database. Only Amazon EC2 instances and devices inside the VPC can connect to your database.

## VPC security group
Choose a VPC security group to allow access to your database. Ensure 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 VPC security groups | ▼ |
| --- | --- |

## ▼ Additional configuration

Database options, encryption enabled, failover, backup enabled, backtrack disabled, Enhanced Monitoring enabled, maintenance, CloudWatch Logs, delete protection disabled.

## Database options

Initial database name  Info

employee

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

DB cluster parameter group  Info

default.aurora-mysql5.7  ▼

DB parameter group  Info

default.aurora-mysql5.7  ▼

Option group  Info

# Backup

### Backup retention period  Info
Choose the number of days that RDS should retain automatic backups for this instance.

| 2 days | ▼ |
| --- | --- |

☑ 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**

### AWS KMS Key  Info

| (default) aws/rds | ▼ |
| --- | --- |

## Monitoring

☐ **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 service-linked role

ⓘ 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**