



More ▾



Choose a database creation method

☒ **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
Compati
ble)

☐ Aurora
(Postgre
SQL
Compati
ble)

☐ MySQL

☒ Postgre
SQL

☐ MariaDB

☐ Oracle

☐ Microsof
t SQL
Server

☐ IBM Db2

Engine version [Info](#)

View the engine versions that support the following database features.



DB instance class >

Choose the DB instance type that allocates the computational, network, and memory capacity required by planned workloads of this DB instance.

Standard
Standard instances provide a balance of compute, memory, and network resources. They are a good choice for many database workloads.



sets in memory.

Burstable classes

Burstable performance instances provide a baseline level of CPU performance with the ability to burst above the baseline.

Instance Store

If you use an m5d or r5d instance, you can store temporary tablespaces and Oracle Database Smart Flash Cache in the instance store. By using the Database Smart Flash Cache, you improve performance and reduce DB load. You also decrease storage and snapshot costs.

Learn more

[DB instance classes](#)

[Instance store on RDS Oracle](#)













- ☐ Show only versions that support the Multi-AZ DB cluster

Info

Create a Multi-AZ DB cluster with one primary DB instance and two readable standby DB instances. Multi-AZ DB clusters provide up to 2x faster transaction commit latency and automatic failover in typically under 35 seconds.

Engine version

PostgreSQL 17.4-R1 ▼

- ☐ Enable RDS Extended Support [Info](#)

Amazon RDS Extended Support is a [paid offering](#). By selecting this option, you consent to being charged for this offering if you are running your database major version past the RDS end of standard support date for that version. Check the end of standard support date for your major version in the [RDS for PostgreSQL documentation](#).

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](#)

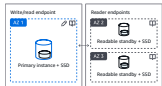
Deployment options [Info](#)

Choose the deployment option that provides the availability and durability needed for your use case. AWS is committed to a certain level of uptime depending on the deployment option you choose. Learn more in the [Amazon RDS service level agreement \(SLA\)](#).

Multi-AZ DB cluster deployment (3 instances)

Creates a primary DB instance with two readable standbys in separate Availability Zones. This setup provides:

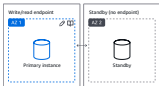
- 99.95 % uptime
- Redundancy across Availability Zones
- Increased read capacity
- Reduced write latency



Multi-AZ DB instance deployment (2 instances)

Creates a primary DB instance with a non-readable standby instance in a separate Availability Zone. This setup provides:


- 99.95 % uptime
- Redundancy across Availability Zones



Single-AZ DB instance deployment (1 instance)

Creates a single DB instance without standby instances. This setup provides:

- 99.5 % uptime
- No data redundancy



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<https://eu-north-1.console.aws.amazon.com/rds/home?region=eu-north-1#launch-dbinstance>:

12/19



current AWS Region:

database-1

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 63 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.

racingtechisr

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](#)

.....

Password strength Strong

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



▼ Hide filters

- ☐ Include previous generation classes
- ☐ Standard classes (includes m classes)
- ☐ Memory optimized classes (includes r and x classes)
- ☒ Burstable classes (includes t classes)

db.t4g.micro

2 vCPUs 1 GiB RAM

Network: Up to 2,085 Mbps



Storage

Storage type [Info](#)

Provisioned IOPS SSD (io2) storage volumes are now available.

General Purpose SSD (g...)

Baseline performance deter...



Allocated storage [Info](#)

20

GiB

Allocated storage value must be 20 GiB to 6,144 GiB

► Additional storage configuration

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

- ☐ **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.

Default VPC (vpc-09e0b...

3 Subnets, 3 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 instance can use in the VPC that you selected.

default



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



Create new

Create new VPC

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 25, 2061

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

► Additional configuration

Tags - optional

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.



through AWS IAM users and roles.

☐ **Password and Kerberos authentication**

Choose a directory in which you want to allow authorized users to authenticate with this DB instance using Kerberos Authentication.

Monitoring [Info](#)

Choose monitoring tools for this database. Database Insights provides a combined view of Performance Insights and Enhanced Monitoring for your fleet of databases. **Database Insights** pricing is separate from RDS monthly estimates. See [Amazon CloudWatch pricing](#)

☐ **Database Insights - Advanced**

- Retains 15 months of performance history
- Fleet-level monitoring
- Integration with CloudWatch Application Signals

☒ **Database Insights - Standard**

- Retains 7 days of performance history, with the option to pay for the retention of up to 24 months of performance history

Performance Insights

☒ **Enable Performance insights**

With Performance Insights dashboard, you can visualize the database load on your Amazon RDS DB instance load and filter the load by waits, SQL statements, hosts, or users.

Retention period

7 days (free tier)

AWS KMS key [Info](#)

(default) aws/rds

**KMS key ID**

alias/aws/rds



You can't change the KMS key after you create your database.

▼ Additional monitoring settings

Enhanced Monitoring, CloudWatch Logs and DevOps Guru

Enhanced 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

- ☐ iam-db-auth-error log
- ☐ PostgreSQL log
- ☐ Upgrade log

IAM role

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

RDS service-linked role

DevOps Guru☐ **Turn on DevOps Guru** [Info](#)

DevOps Guru for RDS automatically detects performance anomalies for DB instances and provides recommendations.

► Additional configuration

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

Estimated monthly costs

The Amazon RDS Free Tier is available to you for 12



- 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](#)