

# Creating a database in Amazon Lightsail

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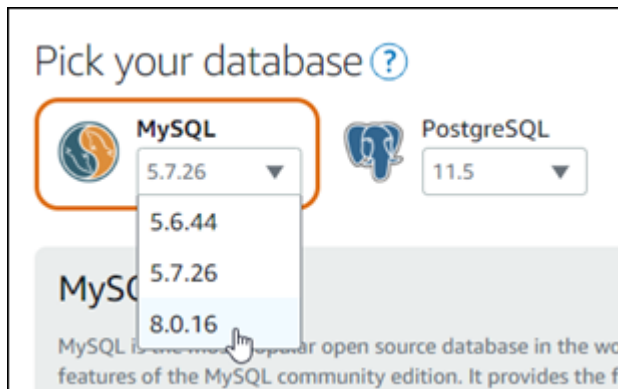
Create a managed database in Amazon Lightsail in minutes. You can choose between the latest major versions of MySQL or PostgreSQL, and configure your database with a standard or high availability plan.

## Note

For more information about managed databases in Lightsail, see [Choosing an Amazon Lightsail database](#).

## To create a database

1. Sign in to the [Lightsail console](#).
2. On the Lightsail home page, choose the **Databases** tab.
3. Choose **Create database**.
4. Choose the AWS Region and Availability Zone for your database.
  1. Choose **Change AWS Region and Availability Zone**, then choose a Region.
  2. Choose **Change your Availability Zone**, then choose an Availability Zone.
5. Choose your database type. Under one of the database engine options available, choose the drop-down menu, and then choose one of the latest major database versions supported by Lightsail.



6. If necessary, choose one of these options:
  - **Specify login credentials** — Specify your own database user name and password. Otherwise, Lightsail specifies the user name, and creates a strong password for you.
    - To specify your own user name, choose **Specify login credentials**, and enter your user name into the text box. **Important**  
The user name can't be a word reserved by the selected database engine. Additionally, the master user name cannot be changed after the database is created. To learn more about reserved words, refer to the [MySQL 5.6](#), [MySQL 5.7](#), or [MySQL 8.0](#) documentation. For PostgreSQL, refer to the [PostgreSQL 9.6](#), [PostgreSQL 10](#), or [PostgreSQL 11](#) documentation.
    - To specify your own password, clear the **Create a strong password for me** check box, and enter your password into the text box.

- **Specify the master database name** — Specify your own master database name, or Lightsail specifies the name for you. To specify your own master database name, choose **Specify the master database name**, and enter a name into the text box.

7. Choose a high availability or a standard database plan, and choose a database bundle.

A database created with a high availability plan has a primary database and a secondary standby database in another Availability Zone for failover support. For more information, see [High availability databases in Amazon Lightsail](#). Differently priced database bundle options are available, each with different levels of memory, processing, storage space, and transfer rates.

8. Enter a name for your database.

Resource names:

- Must be unique within each AWS Region in your Lightsail account.
- Must contain 2 to 255 characters.
- Must start and end with an alphanumeric character or number.
- Can include alphanumeric characters, numbers, periods, dashes, and underscores.

9. Choose one of the following options to add tags to your database:

- **Add key-only tags** or **Edit key-only tags** (if tags have already been added). Enter your new tag into the tag key text box, and press **Enter**. Choose **Save** when you're done entering your tags to add them, or choose **Cancel** to not add them.



- **Create a key-value tag**, then enter a key into the **Key** text box, and a value into the **Value** text box. Choose **Save** when you're done entering your tags, or choose **Cancel** to not add them.

Key-value tags can only be added one at a time before saving. To add more than one key-value tag, repeat the previous steps.



**Note**

For more information about key-only and key-value tags, see [Tags in Amazon Lightsail](#).

10. Choose **Create database**.

Within minutes, your Lightsail database is ready. You can begin configuring it for data import, or connect to it by using a database client.

## Next steps

Here are a few guides to help you manage your new database in Lightsail after it's up and running:

- [Configuring the data import mode for your database in Amazon Lightsail](#)
- [Configuring the public mode for your database in Amazon Lightsail](#)
- [Managing your database password in Amazon Lightsail](#)
- [Connecting to your MySQL database in Amazon Lightsail](#)
- [Connecting to your PostgreSQL database in Amazon Lightsail](#)
- [Importing data into your MySQL database in Amazon Lightsail](#)
- [Importing data into your PostgreSQL database in Amazon Lightsail](#)
- [Creating a snapshot of your database in Amazon Lightsail](#)