Creating a database from a snapshot in Amazon Lightsail

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You can create a new managed database from a snapshot in Amazon Lightsail if something goes wrong with your original database. You can also change your database to a different plan, such as a high availability or standard plan. You can also create a new database from a point-in-time backup of your original database. For more information, see Creating a database from a point-in-time backup in Amazon Lightsail.
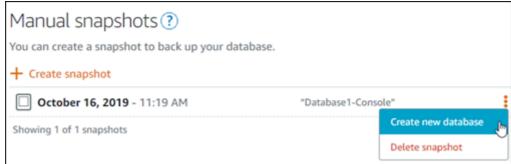
When you create the duplicate database, you can choose a different or larger plan than the original database. However, you can't choose a smaller plan than the original database.

Note
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.

To create a database from a snapshot

1. Sign in to the Lightsail console.

2. On the Lightsail home page, choose the **Databases** tab.

3. Choose the name of the database that you want to duplicate by creating a new database from a snapshot.

4. Choose the **Snapshots & restore** tab.

5. Under the **Manual snapshots** section of the page, choose the actions menu icon (⋮) next to the snapshot from which you want to create a new database, and choose **Create new database**. **Note** You need a snapshot of your database to work from. If you haven't created a snapshot yet, see Creating a snapshot of your database in Amazon Lightsail.
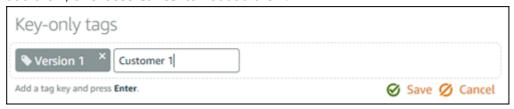

6. Choose **Create new database**.

7. On the **Create a new database** page, choose **Change zone** to select a different Availablity Zone. Your new database is created in the same AWS Region as the snapshot that you selected earlier.

8. Choose your new database plan.

Select a high availability or a standard database plan. 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. **Note**
You cannot choose a database plan that is smaller than the plan of the original database used to create the snapshot.

9. 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.

10. 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.

11. Choose **Create database**.

    Within minutes, your new Lightsail database is ready with the new database plan or bundle.

Next steps

Complete the following actions after your new database is up and running:

- If you're creating a new database to replace an existing database, and you have an application that depends on the existing database, then make sure to update your application dependencies to your new database.

- Delete the original database if you no longer need it. For more information, see Deleting your database in Amazon Lightsail.
- Databases created from a snapshot are configured to use a strong password created by Lightsail. For more information, see Managing your database password in Amazon Lightsail.