

Before you start

Provision an Azure Database for MySQL resource

Explore Azure Database for MySQL

In this exercise you'll provision an Azure Database for MySQL resource in your Azure subscription.

This lab will take approximately **5 minutes** to complete.

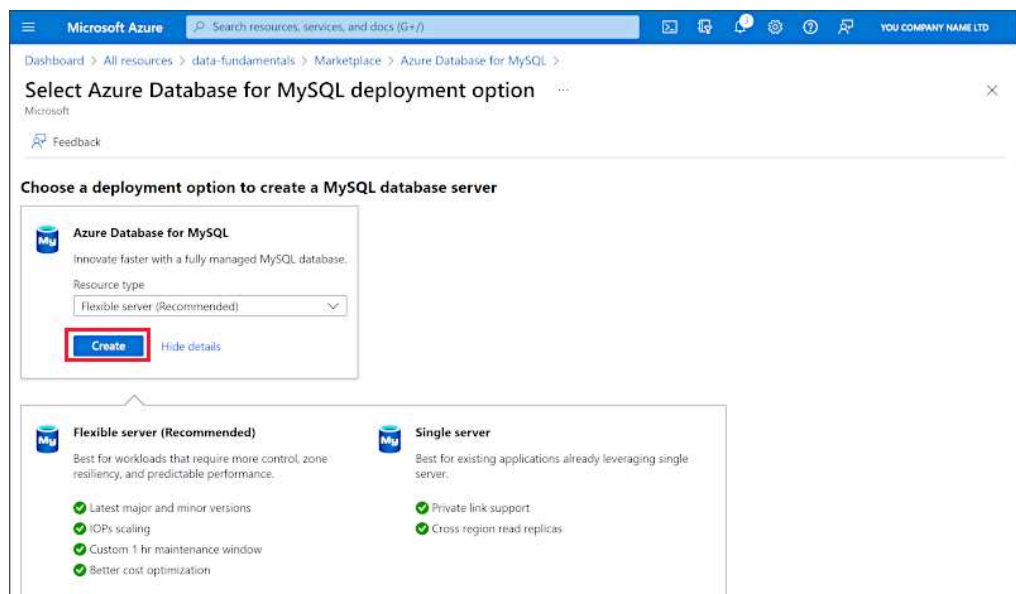
Before you start

You'll need an [Azure subscription](#) in which you have administrative-level access.

Provision an Azure Database for MySQL resource

In this exercise, you'll provision an Azure Database for MySQL resource.

1. In the Azure portal, select **+ Create a resource** from the upper left-hand corner and search for *Azure Database for MySQL*. Then in the resulting **Azure Database for MySQL** page, select **Create**.
2. Review the Azure Database for MySQL options that are available. Then for **Resource type**, select **Flexible Server** and select **Create**.



3. Enter the following values on the **Create SQL Database** page:

- **Subscription:** Select your Azure subscription.
- **Resource group:** Create a new resource group with a name of your choice.
- **Server name:** Enter a unique name.
- **Region:** Any available location near you.
- **MySQL Version:** Leave unchanged.
- **Workload type:** For development or hobby projects.
- **Compute + storage:** Leave unchanged.
- **Availability zone:** Leave unchanged.
- **Enable high availability:** Leave unchanged.
- **Admin username:** Your name
- **Password** and **Confirm password:** A suitably complex password

4. Select **Next: Networking**.

5. Under **Firewall rules**, select **+ Add current client IP address**.

6. Select **Review + Create**, and then select **Create** to create your Azure MySQL database.

7. Wait for deployment to complete. Then go to the resource that was deployed, which should look like this:

gmalc-mysql - Microsoft Azure

https://portal.azure.com/#@learn.docs.microsoft.com/resource/subscriptions/00eb43f9-857f-4...

Microsoft Azure Search resources, services, and docs (G+)

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Overview

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Tags

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Settings

Connection security

Connection strings

Server parameters

Replication

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Properties

Locks

Security

Microsoft Defender for Cloud

The MySQL 8.0.27 client is incompatible with Azure Database for MySQL - Single Server. All connections from the MySQL 8.0.27 client created either via mysql.exe or workbench will fail. As a workaround, consider using an earlier version of the client (prior to MySQL 8.0.27) or creating an instance of Azure Database for MySQL - Flexible Server instead.

Essentials

Resource group (move) learn-ef50097a-8759-4218-b385-7a4c7018fe45

Status Available

Location East US

Subscription (move) Conclierge Subscription

Subscription ID 00eb43f9-857f-4e17-8bf5-2a8f98e020b1

Tags (edit) Click here to add tags

Server name gmalc-mysql.mysql.database.azure.com

Server admin login name Graeme@gmalc-mysql

MySQL version 5.7

Performance configuration General Purpose, 4 vCore(s), 100 GB

SSL enforce status ENABLED

Show data for last: 1 hour 24 hours 7 days Aggregation type: Avg

Resource utilization (gmalc-mysql)

0.7%

8. Review the options for managing your Azure Database for MySQL resource.

Tip: If you've finished exploring Azure Database for MySQL, you can delete the resource group that you created in this exercise.