✓ 100 XP ▶

Exercise: Provision Azure relational database services

5 minutes

Sandbox activated! Time remaining: **3 hr 33 min**

You have used 1 of 10 sandboxes for today. More sandboxes will be available tomorrow.

Choose your database

| Azure SQL Database | Azure Database for PostgreSQL |

| Azure Database for MySQL |

As part of your role at Contoso as a data engineer, you've been asked to create and configure SQL Server, PostgreSQL, and MySQL servers for Azure.

The free sandbox allows you to create resources in a subset of the Azure global regions. Select a region from the following list when you create resources:

- West US 2
- South Central US
- Central US
- East US
- West Europe
- Southeast Asia
- Japan East
- Brazil South
- Australia Southeast
- Central India

Create your Azure SQL Database service

In this exercise you'll set up your Azure SQL Database instance, which includes creating your server.

Over time if you realize you need additional compute power to keep up with demand, you can adjust performance options or even switch between the DTU and vCore performance models.

1. Sign into the Azure portal using the same account you activated the sandbox with.

2. In the portal, select **Create a resource** from the upper left-hand corner. Select **Databases**, then select **SQL Database**.
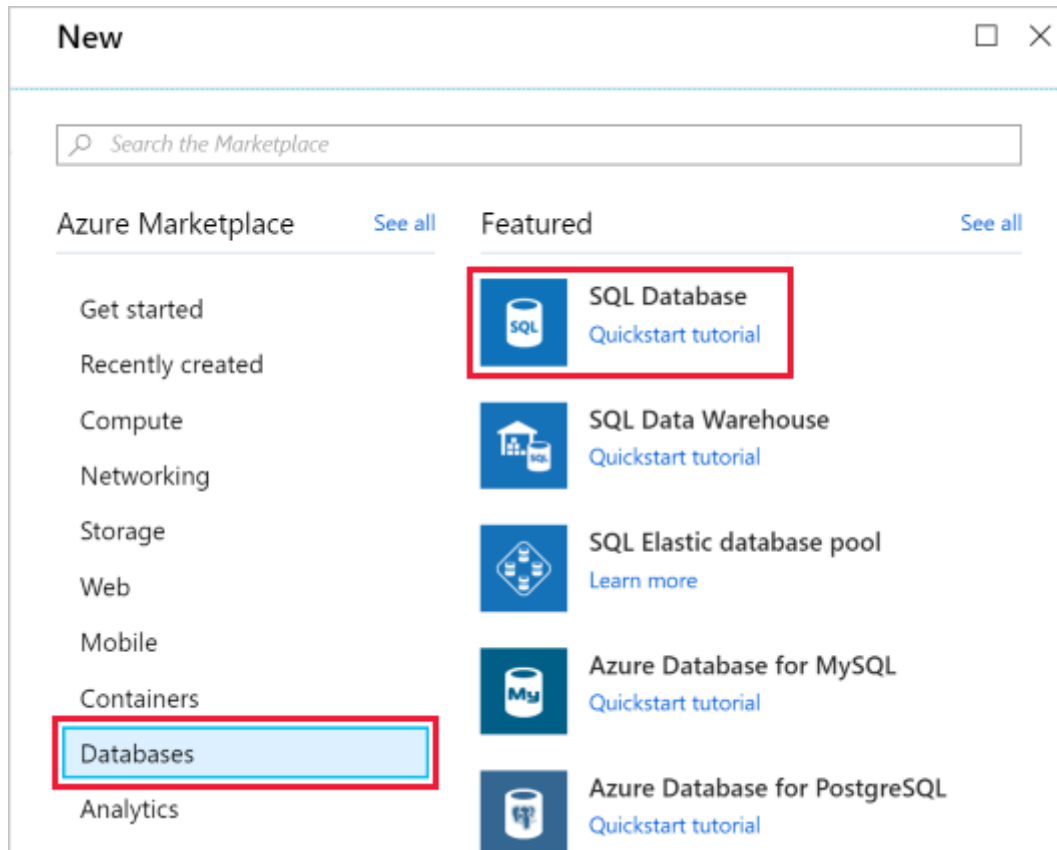
3. Enter the following values into the form:

Setting	Value
Subscription	*Concierge Subscription*
Resource group	*learn-a6b913b1-b8a2-42a1-b131-eafabdbfe433*
Database name	*Contoso*
Want to use SQL elastic pool?	*No*

4. Under **Server**, select **Create new**, fill out the form with the following values, and then select **OK**:

Setting	Value

Setting	Value
Server name	Use your initials and the date in numeric format. For example, *jpws01012020*
Server admin login	*azureadmin*
Password	*Pa55w.rd*
Confirm password	*Pa55w.rd*
Location	Select the default location

5. Under **Compute + storage**, select **Configure database**.

6. On the **General Purpose** tab, leave **vCores** set to 2, change **Data max size** to **50 GB**, and then select **Apply**

7. Back on the **Create SQL Database** page, select **Additional settings**.

8. Use these values to fill out the form.

Setting	Value
Use existing data	*None*
Database Collation	*SQL_Latin1_General_CP1_CI_AS*

9. Back on the **Create SQL Database** page, select **Security** and set **Enable Azure Defender for SQL** to **Not now**. | **Advanced Data Security** | *Not now* |

10. Select **Review + Create**, and then select **Create** to create your Azure SQL database.

11. On the toolbar, select **Notifications** to monitor the deployment process.

   When the process completes, select **Pin to dashboard** to pin your database server to the dashboard so that you have quick access when you need it later.

Notifications   ✕

More events in the activity log →   Dismiss all ···

✓ Deployment succeeded   ✕

Deployment
'Microsoft.SQLDatabase.newDatabaseNewServer_6bdc12e933d048089f33b' to
resource group 'f4714839-be51-4877-90ed-32c2be521373' was successful.

[Go to resource]   [📌 Pin to dashboard]

by me   a few seconds ago

Next unit: Summary

[Continue ›]