

Azure DB Migration – Create the Azure Sql Database

STEP 4 – Create Azure SQL Database

1. Login to your Azure Portal. In the search bar, type Azure SQL.
2. Click + to add a new Azure Sql Database. This option will also create a new DB Server.
3. In the next screen (for this lab) choose Sql DataBases (Single Database)
4. Click Create
5. Under **Resource group**, select **Create new**, enter myResourceGroup, and select OK.
6. Under **Database details**, for **Database name** enter *mySampleDatabase*.
7. For **Server**, select **Create new**, and fill out the **New server** form as follows:
 - a. **Server name**: Enter mysqlserver, and some characters for uniqueness.
 - b. **Server admin login**: Enter azureuser.
 - c. **Password**: Enter a password that meets requirements, and enter it again in the Confirm password field.
 - d. **Location**: Drop down and choose a location, such as (US) East US.
8. Select OK
9. Under **Compute + storage**, if you want to reconfigure the defaults, select **Configure database**.
10. On the Configure page, you can optionally:
 - a. Change the Compute tier from **Provisioned** to **Serverless**.
 - b. Review and change the settings for vCores and Data max size.
 - c. Select Change configuration to change the hardware generation.
 - d. After making any changes, select **Apply**.
11. Select **Next: Networking** at the bottom of the page.
12. On the **Networking tab**, under **Connectivity method**, select **Public endpoint**.

13. Under **Firewall rules**, set **Add current client IP address** to **Yes**.

Create SQL Database
Microsoft

Basics **Networking** Additional settings Tags Review + create

Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'mysqlserver-12' and all databases it manages. [Learn more](#)

Network connectivity

Choose an option for configuring connectivity to your server via public endpoint or private endpoint. Choosing no access creates with defaults and you can configure connection method after server creation. [Learn more](#)

Connectivity method * ⓘ

☐ No access

☒ **Public endpoint**

☐ Private endpoint (preview)

Firewall rules

Setting 'Allow Azure services and resources to access this server' to Yes allows communications from all resources inside the Azure boundary, that may or may not be part of your subscription. [Learn more](#)

Setting 'Add current client IP address' to Yes will add an entry for your client IP address to the server firewall.

Allow Azure services and resources to access this server *

Add current client IP address *

14. On the **Additional settings** tab, in the **Data source** section, for **Use existing data**, select **None**
15. This completes the creation of Azure SQL Database.