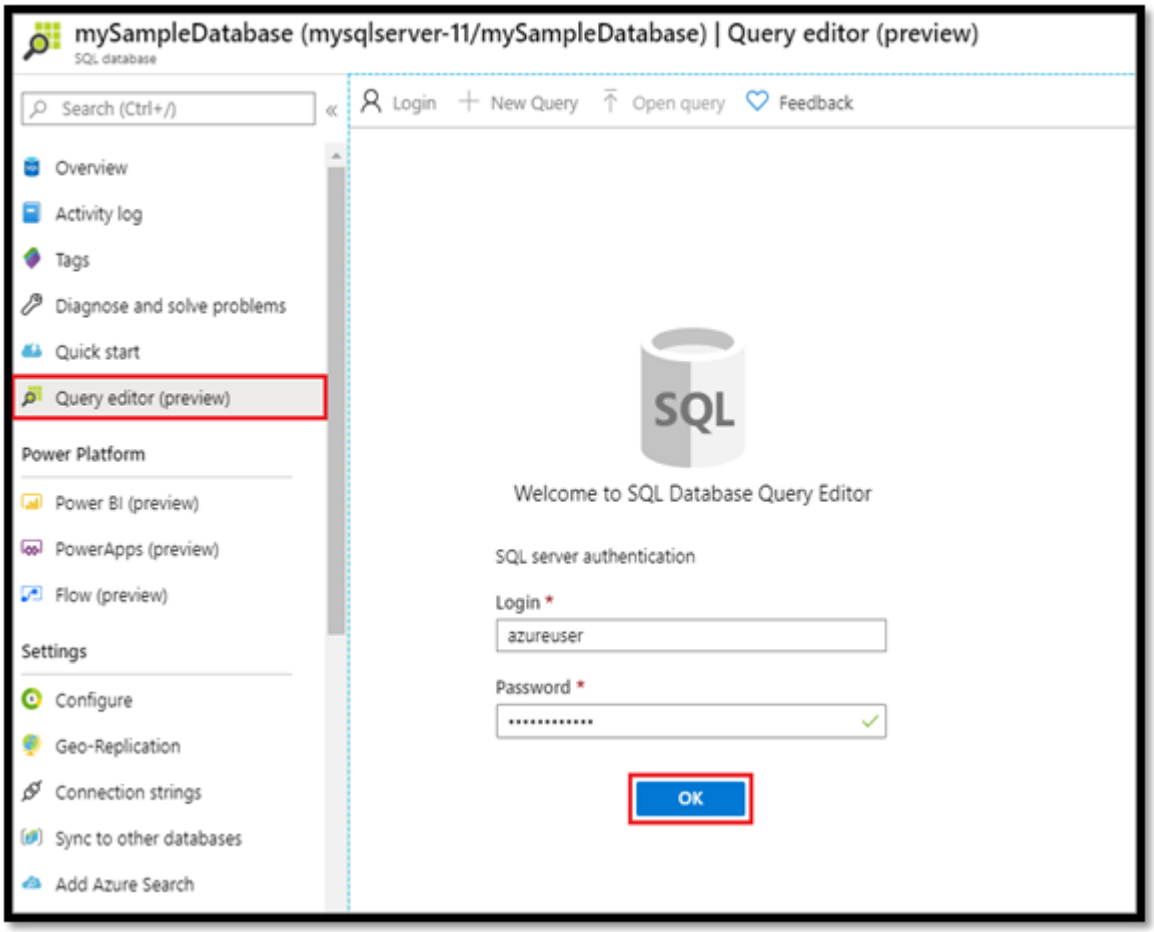
Lab 36

Self Practice Solution: Query the database using Azure SQL Database

Once your database is created, you can use the **Query editor (preview)** in the Azure portal to connect to the database and query data.

1. In the portal, search for and select **SQL databases**, and then select your database from the list.
2. On the page for your database, select **Query editor (preview)** in the left menu.
3. Enter your server admin login information, and select **OK**.

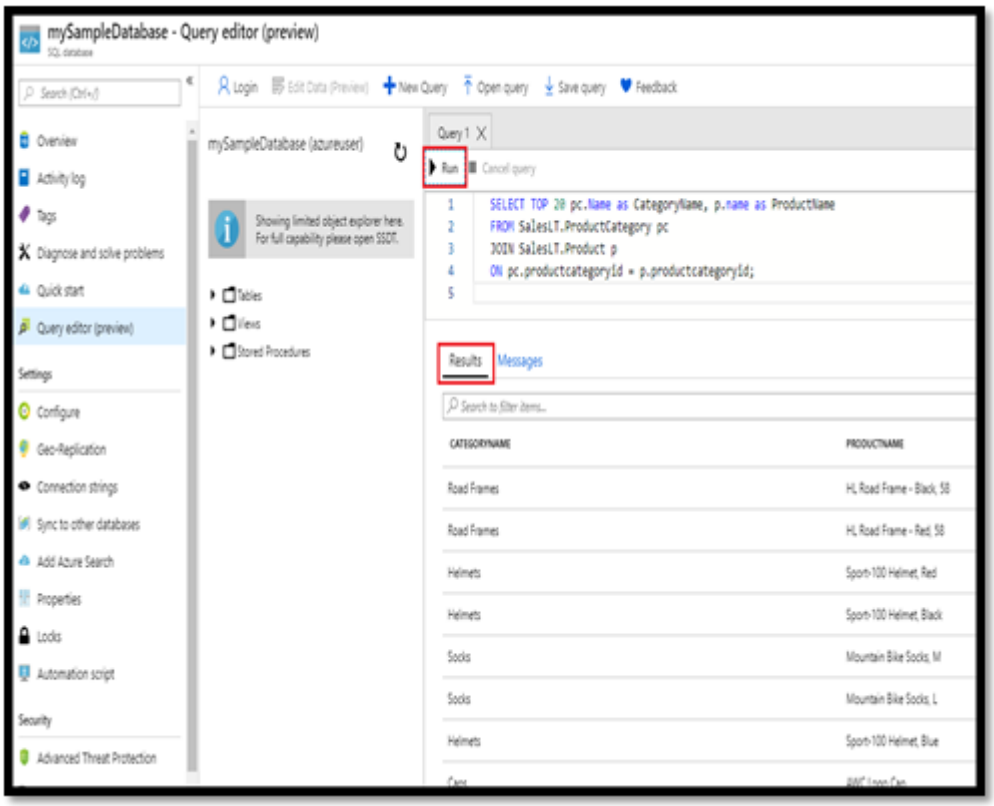


4. Enter the following query in the **Query editor** pane.

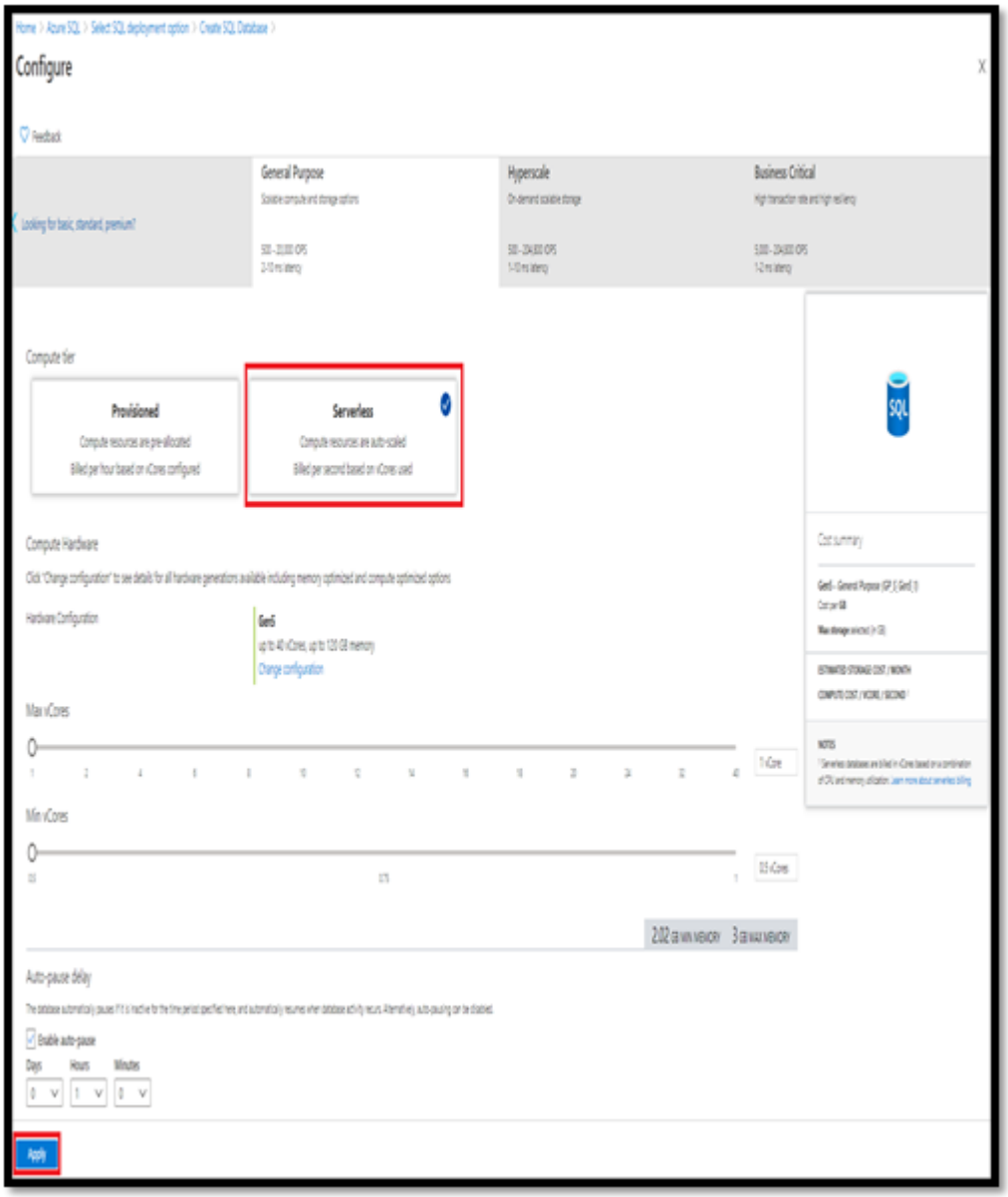
```
SQLCopy
SELECT TOP 20 pc.Name as CategoryName, p.name as ProductName
FROM SalesLT.ProductCategory pc
```

```
JOIN SalesLT.Product p
ON pc.productcategoryid = p.productcategoryid;
```

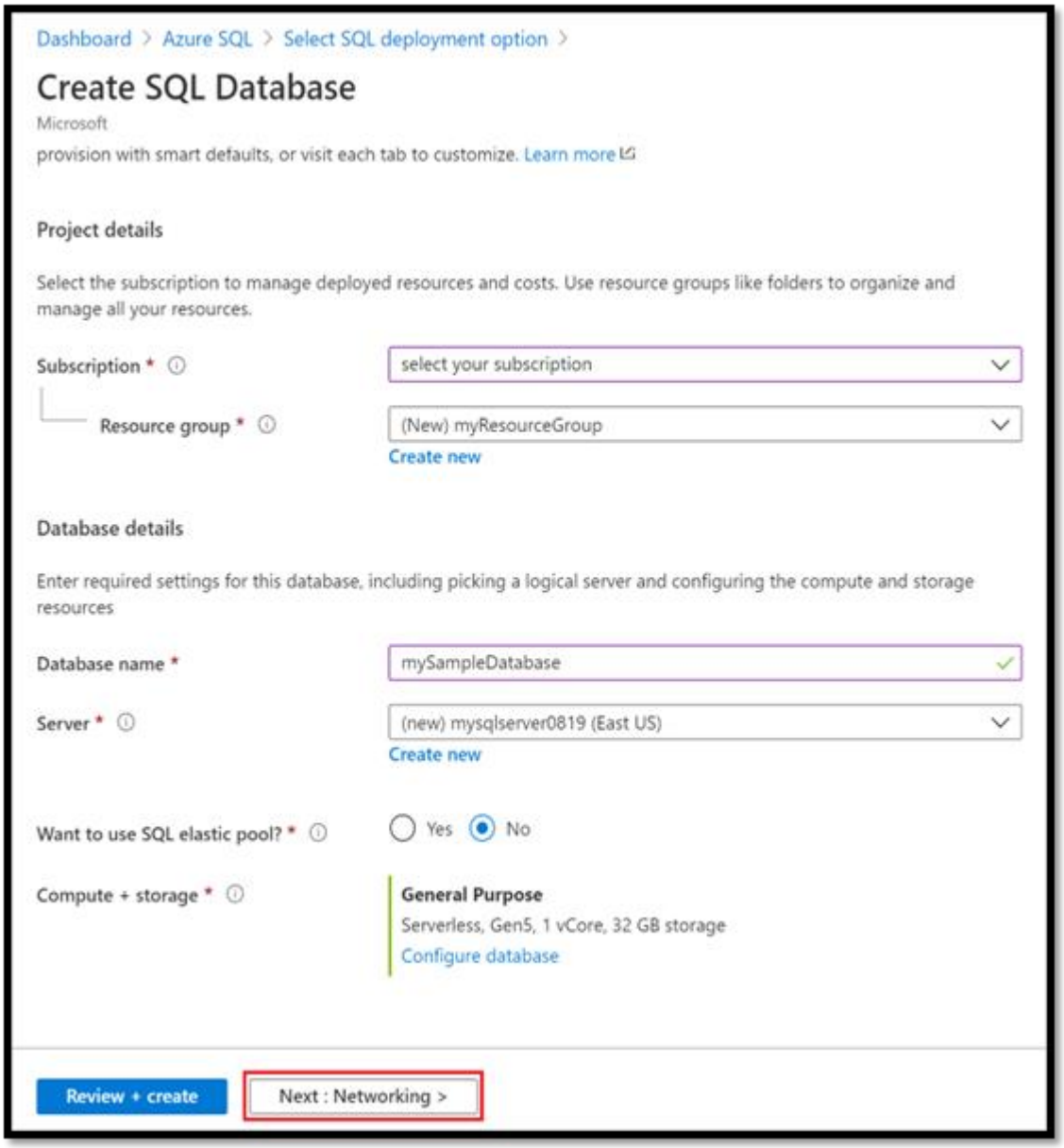
5. Select **Run**, and then review the query results in the **Results** pane.



6. Close the **Query editor** page, and select **OK** when prompted to discard your unsaved edits.



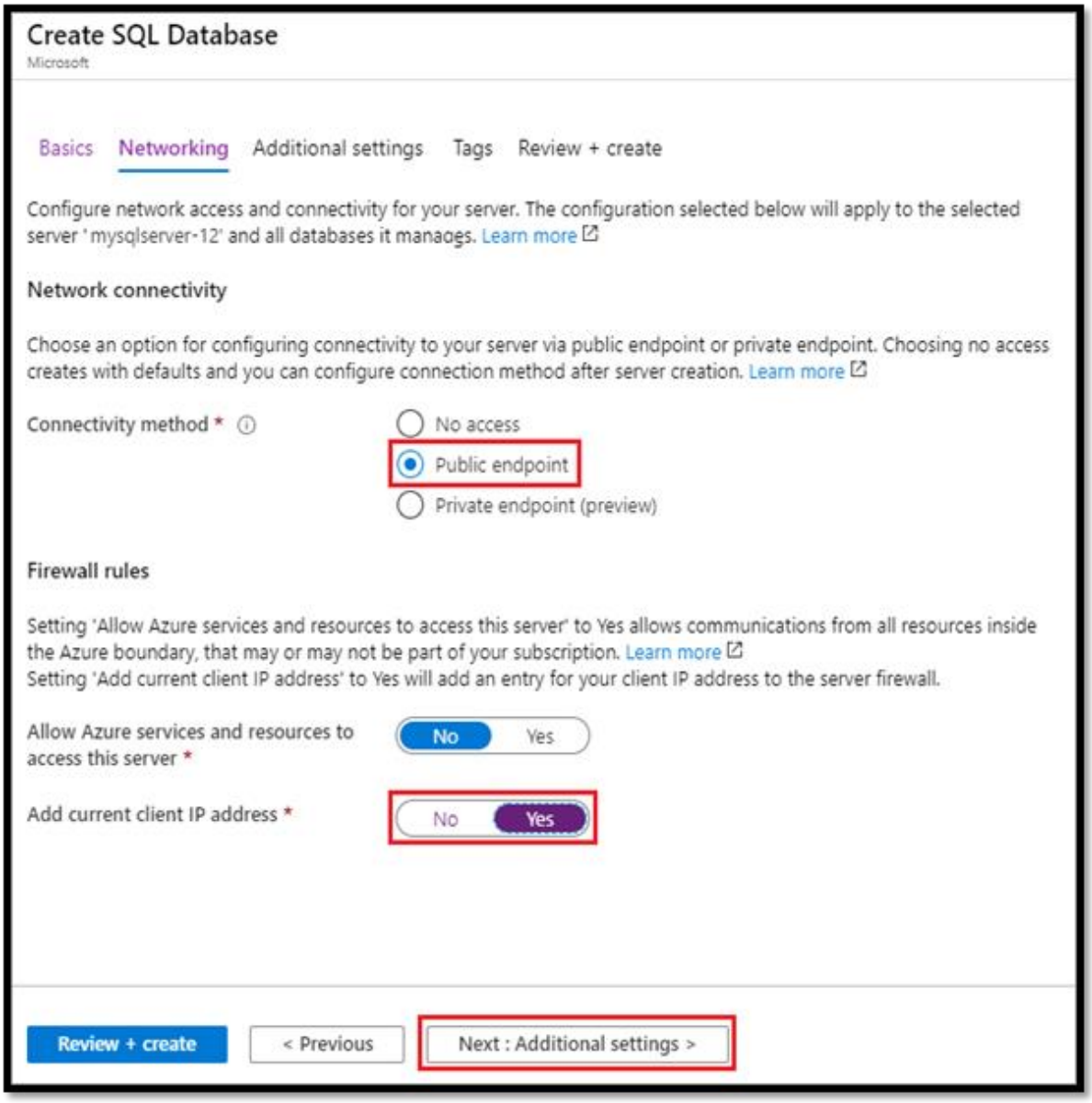
7. Leave **Want to use SQL elastic pool** set to **No**.
8. Under **Compute + storage**, select **Configure database**.
9. This quickstart uses a serverless database, so select **Serverless**, and then select **Apply**.
10. Select **Next: Networking** at the bottom of the page.



11. On the **Networking** tab, for **Connectivity method**, select **Public endpoint**.

12. For **Firewall rules**, set **Add current client IP address** to **Yes**. Leave **Allow Azure services and resources to access this server** set to **No**.

13. Select **Next: Additional settings** at the bottom of the page.

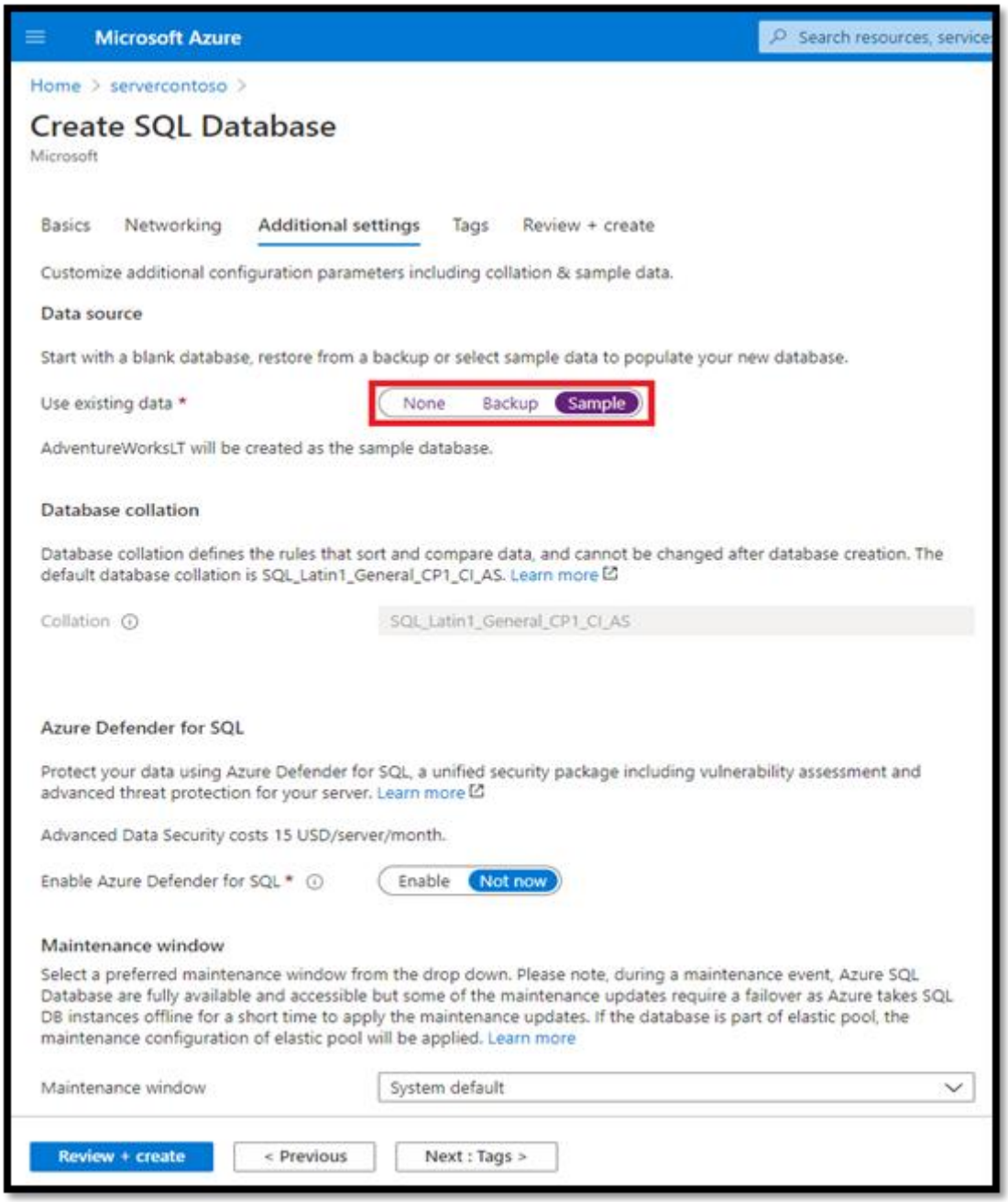


14. On the **Additional settings** tab, in the **Data source** section, for **Use existing data**, select **Sample**. This creates an AdventureWorksLT sample database so there's some tables and data to query and experiment with, as opposed to an empty blank database.

15. Optionally, enable Azure Defender for SQL.

16. Optionally, set the maintenance window so planned maintenance is performed at the best time for your database.

17. Select **Review + create** at the bottom of the page:



18. On the **Review + create** page, after reviewing, select **Create**.