

EXP 25: Create a SQL storage service and perform a basic query using any Public Cloud Service Provider (Azure/GCP/AWS) to demonstrate Database as a Service (DaaS) using Azure.

AIM: To create a SQL storage service and perform a basic query using any Public Cloud Service Provider (Azure/GCP/AWS) to demonstrate Database as a Service (DaaS) using Azure.

PROCEDURE:

STEP 1: GO TO AZURE AND GO TO SQLDATABASE.

STEP 2: NOW CREATE A SQL DATABASE.

STEP 3: SELECT THE RESOURCE GROUP AND ENTER THE SERVERNAME THAT APPLICABLE.

STEP 4: IN NETWORKING SELECT ALLOW AZURE SERVICES AND RESOURCES TO ACCESS THIS SERVER.

STEP 5: IN ADDITIONAL SETTINGS SELECT SAMPLE.

STEP 6: AND THE SQL DATABASE IS DEPLOYED

STEP 7: NOW GO TO QUERY EDITOR.

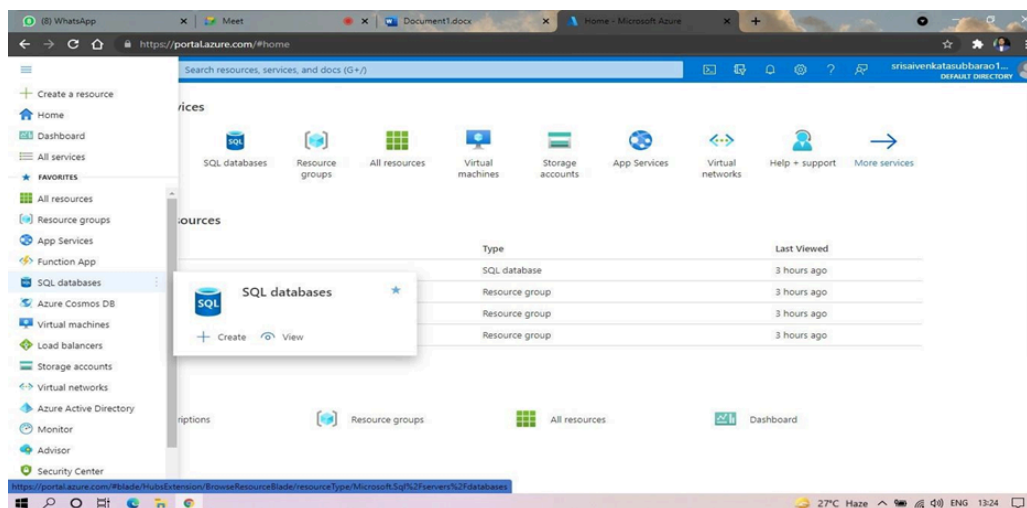
STEP 8: NOW AGAIN LOGIN TO THE SQL DATADATABASE

STEP 9: OUR TABLES WILL SHOWN AND TYPE THE QUERY TO EXECUTE.

IMPLEMENTATION:

STEP 1: GO TO AZURE AND GO TO SQLDATABASE.

STEP 2: NOW CREATE A SQL DATABASE.



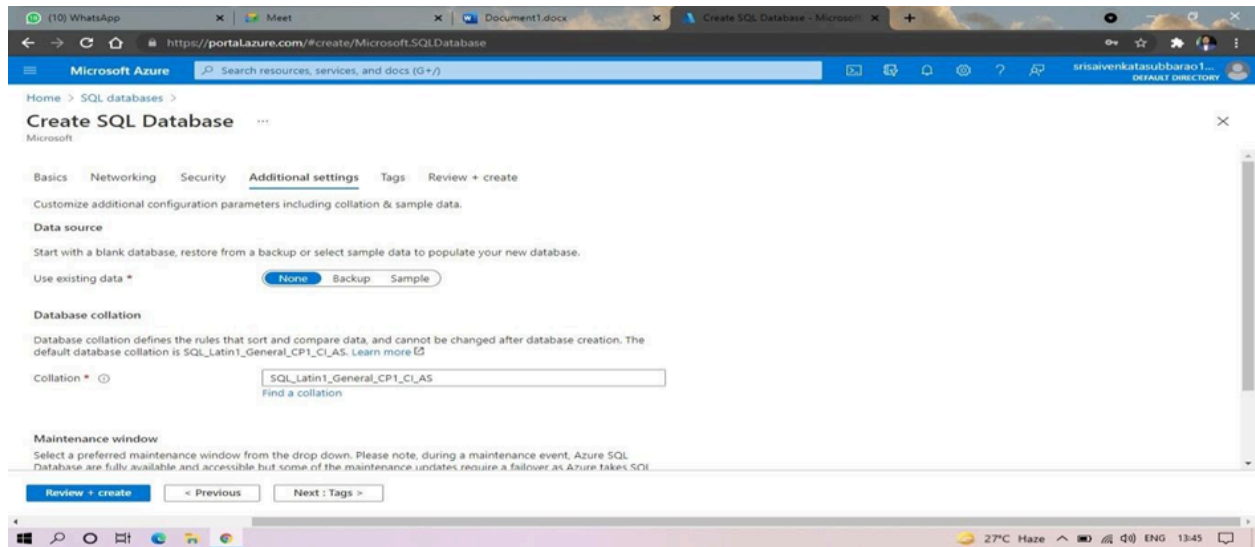
STEP 3: SELECT THE RESOURCE GROUP AND ENTER THE SERVERNAME THAT APPLICABLE.

The screenshot shows the 'Create SQL Database' wizard in the Microsoft Azure portal. The user is at the 'Project details' step. The left sidebar shows the 'SQL databases' section with a filter for 'Name' and a list of databases, including 'test-db (srisai123/test-db)'. The main content area has tabs for 'Basics', 'Networking', 'Security', 'Additional settings', 'Tags', and 'Review + create'. The 'Basics' tab is active, showing the 'Project details' section. It includes a 'Subscription' dropdown set to 'Azure for Students' and a 'Resource group' dropdown set to 'test'. Below these is a 'Database details' section with a 'Database name' input field. At the bottom, there are buttons for 'Review + create' and 'Next: Networking >'. The browser's address bar shows the URL 'https://portal.azure.com/#create/Microsoft.SQLDatabase'.

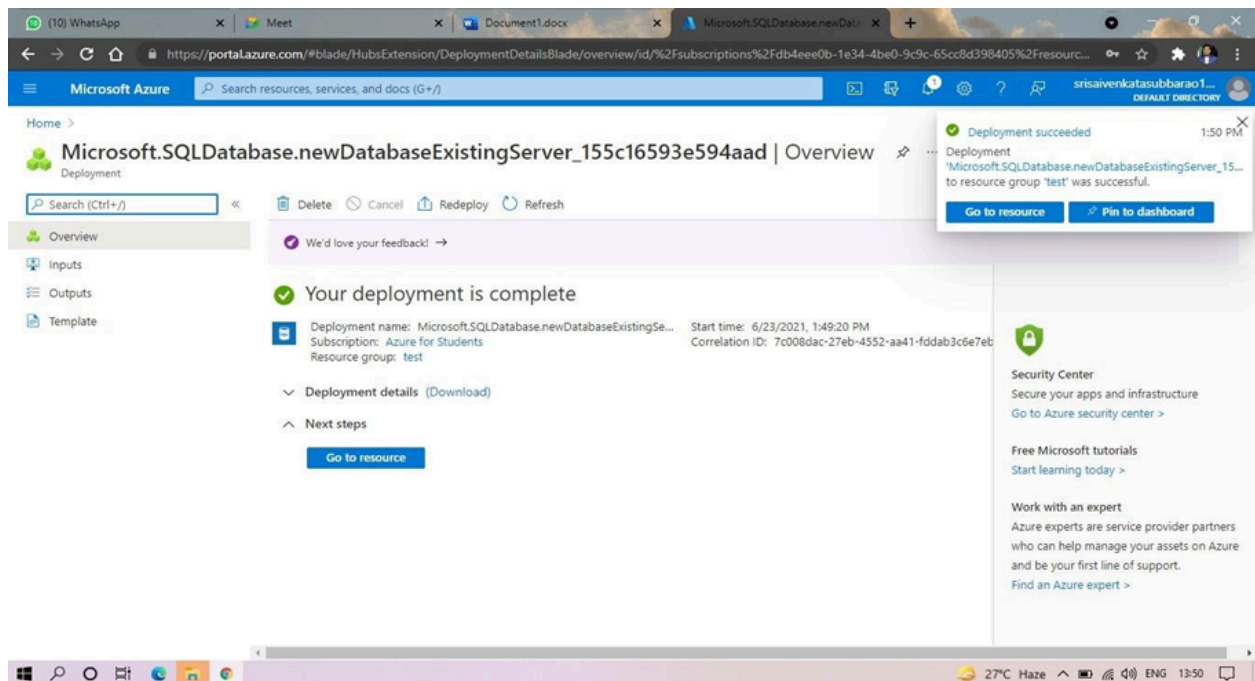
STEP 4: IN NETWORKING SELECT ALLOW AZURE SERVICES AND RESOURCES TO ACCESS THIS SERVER.

The screenshot shows the 'Create SQL Database' wizard in the Microsoft Azure portal, now at the 'Networking' step. The left sidebar is the same as in the previous screenshot. The main content area has the 'Networking' tab selected. It includes a 'Firewall rules' section with a toggle for 'Allow Azure services and resources to access this server' set to 'Yes'. Below this is a 'Private endpoints' section with a table showing private endpoint connections. At the bottom, there are buttons for 'Review + create', '< Previous', and 'Next: Security >'. The browser's address bar shows the URL 'https://portal.azure.com/#create/Microsoft.SQLDatabase'.

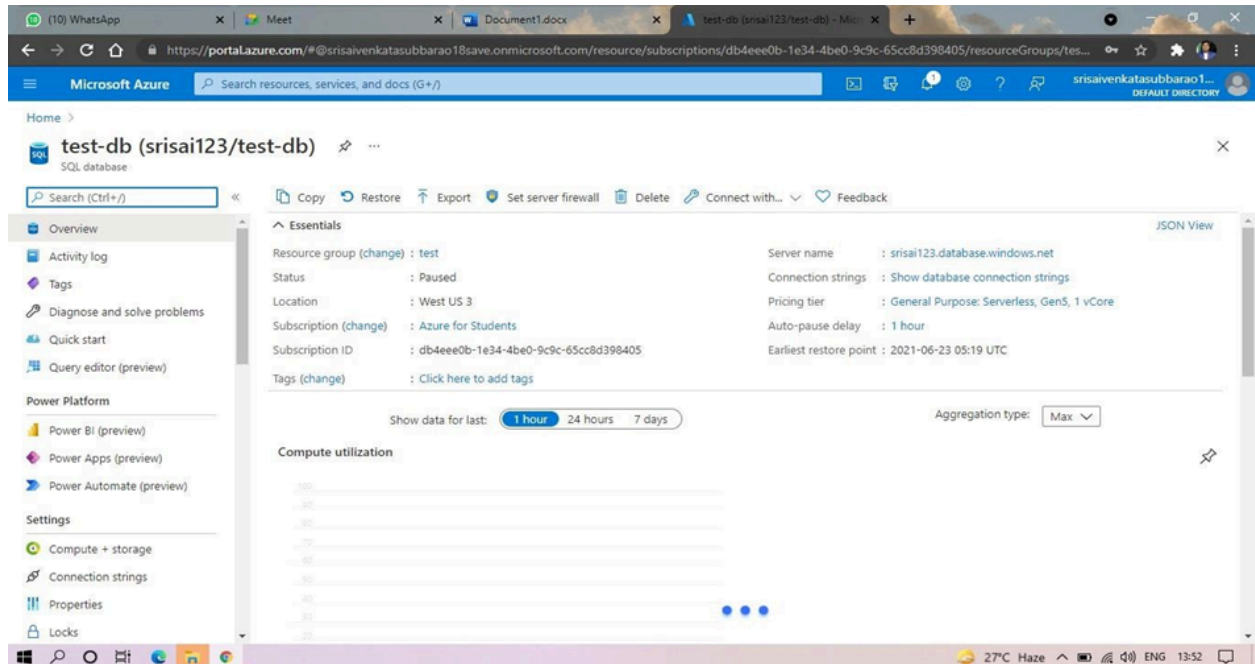
STEP 5: IN ADDITIONAL SETTINGS SELECT SAMPLE.



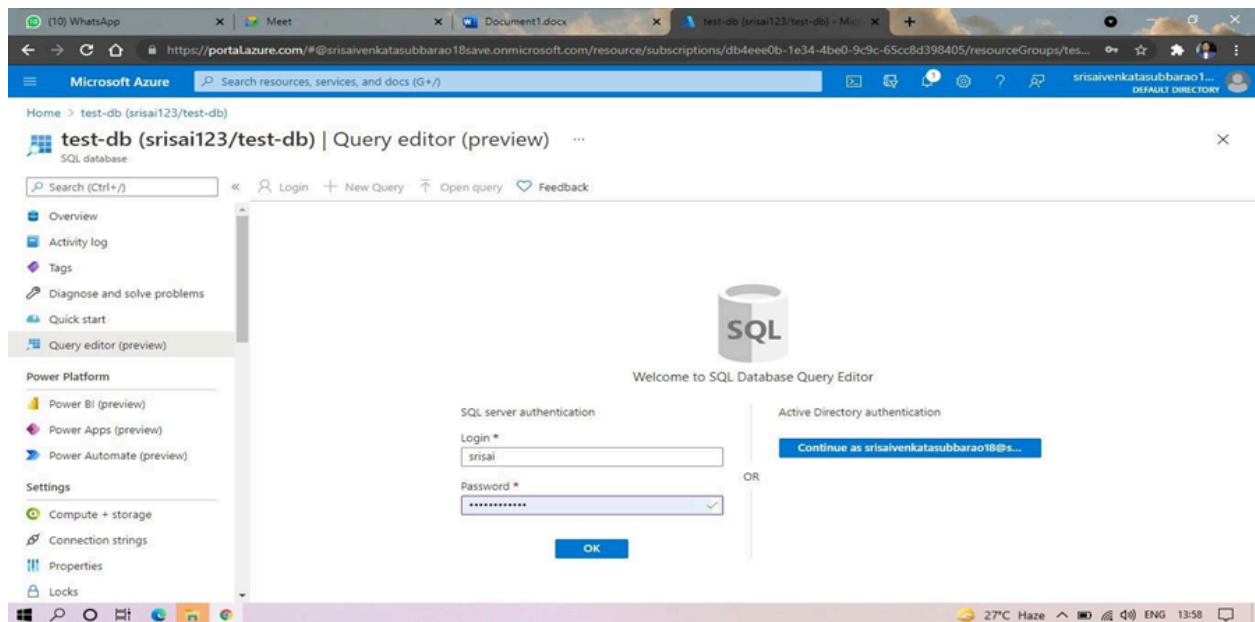
STEP 6: AND THE SQL DATABASE IS DEPLOYED.



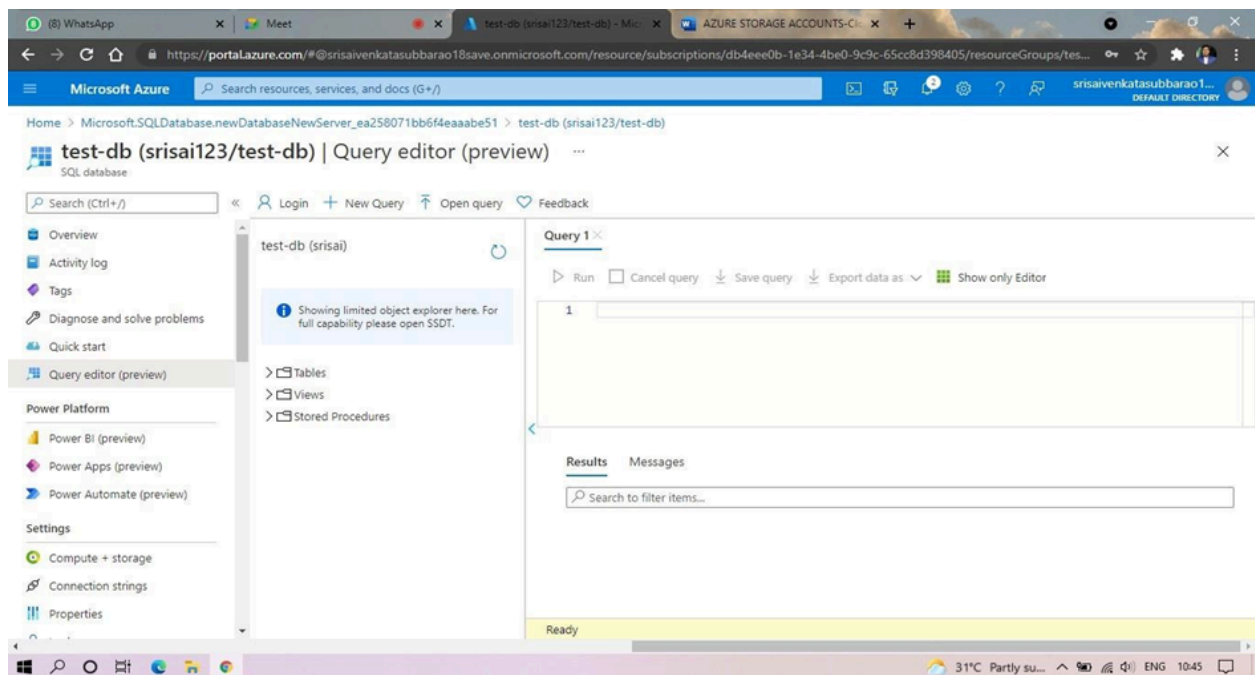
STEP 7: AND NOW GO TO QUERY EDITOR.



STEP 8: AND NOW AGAIN LOGIN TO THE SQL DATABASE



STEP 9: AND OUR TABLES WILL BE SHOWN AND TYPE THE QUERY TO EXECUTE.



STEP 10: AND OUR OUTPUT IS READY.

