

EXP20.CREATE A SQL STORAGE SERVICE AND PERFORM A BASIC QUERY USINGANY PUBLIC CLOUD SERVICE PROVIDER (AZURE/GCP/AWS) TO DEMONSTRATE DATABASE AS A SERVICE (DAAS)

AIM: CREATE A SQL STORAGE SERVICE AND PERFORM A BASIC QUERY USINGANY PUBLIC CLOUD SERVICE PROVIDER (AZURE/GCP/AWS) TO DEMONSTRATE DATABASE AS A SERVICE (DAAS)

PROCEDURE:

STEP1: GOTO AZURE AND GOTO SQLDATABASE.

STEP 02: Now Create a Sql Databse

STEP3: SELECT THE RESOURCE GROUP AND ENTER THE SERVERNAMETHAT APPLICABLE.

STEP4: IN NETWORKING SELECT ALLOW AZURE SERVICES AND RESOURCES TO ACCESS THIS SERVER.

STEP5: IN ADDITIONAL SETTINGS SELECT SAMPLE.

STEP6:AND THE SQL DATABASE IS DEPLOYED

TEP7: NOW GOTO QUERY EDITOR.

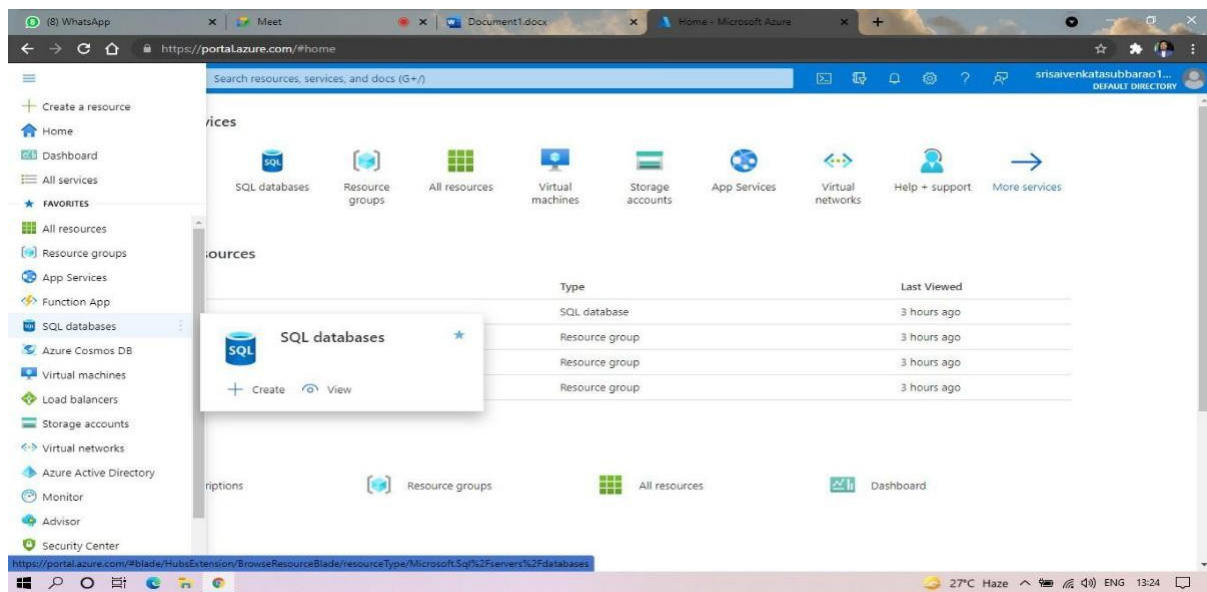
STEP8:NOWAGAIN LOGIN TO THE SQLDATADATABASE

STEP9: OUR TABLES WILL SHOWN AND TYPE THE QUERY TO EXCUTED.

IMPLEMENTATION:

STEP1: GOTO AZURE AND GOTO SQLDATABASE.

STEP 02:- Now Create a Sql Database



STEP3: SELECT THE RESOURCE GROUP AND ENTER THE SERVERNAME THAT APPLICABLE.

The screenshot shows the 'Create SQL Database' wizard in the Microsoft Azure portal. The 'Project details' tab is active, showing the 'Basics' section. The 'Subscription' is set to 'Azure for Students' and the 'Resource group' is 'test'. The 'Database name' field is empty, with a placeholder 'Enter database name'. The 'Review + create' button is visible at the bottom.

Home > SQL databases > SQL databases

Default Directory

+ Create Reservations ...

Filter for any field...

Name ↑

test-db (srisai123/test-db)

Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags Review + create

Create a SQL database with your preferred configurations. Complete the Basics tab then go to Review + Create to provision with smart defaults, or visit each tab to customize. [Learn more](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Azure for Students

Resource group * test

Create new

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name * Enter database name

Review + create Next: Networking >

STEP4: 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 on the 'Networking' tab. The 'Firewall rules' section is visible, with the 'Allow Azure services and resources to access this server' toggle set to 'Yes'. The 'Private endpoints' section is also visible, showing a table with columns for Name, Subscription, Resource group, Region, and Subnet. The 'Review + create' button is visible at the bottom.

Home > SQL databases > Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags Review + create

Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'srisai123' and all databases it manages. [Learn more](#)

Firewall rules

The settings displayed below are read-only. They can be modified from the 'Firewalls and virtual networks' blade after database creation. [Learn more](#)

Allow Azure services and resources to access this server No Yes

Private endpoints

Private endpoint connections are associated with a private IP address within a Virtual Network. The list below shows all the private endpoint connections for this server. Note that private endpoint connections are defined at the server level and they provide access to all databases in the server. [Learn more](#)

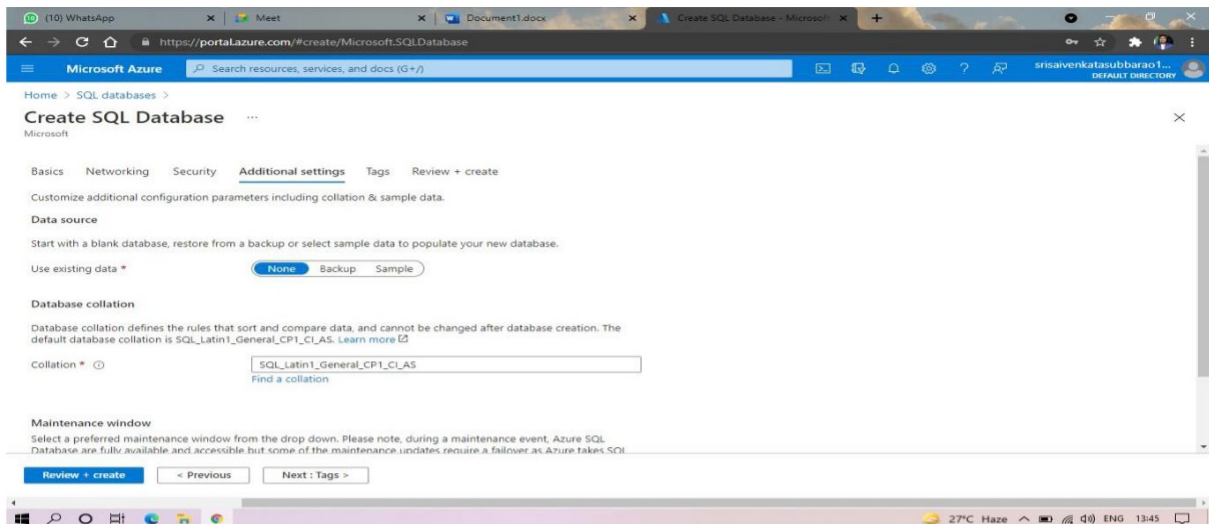
+ Add private endpoint

Name	Subscription	Resource group	Region	Subnet
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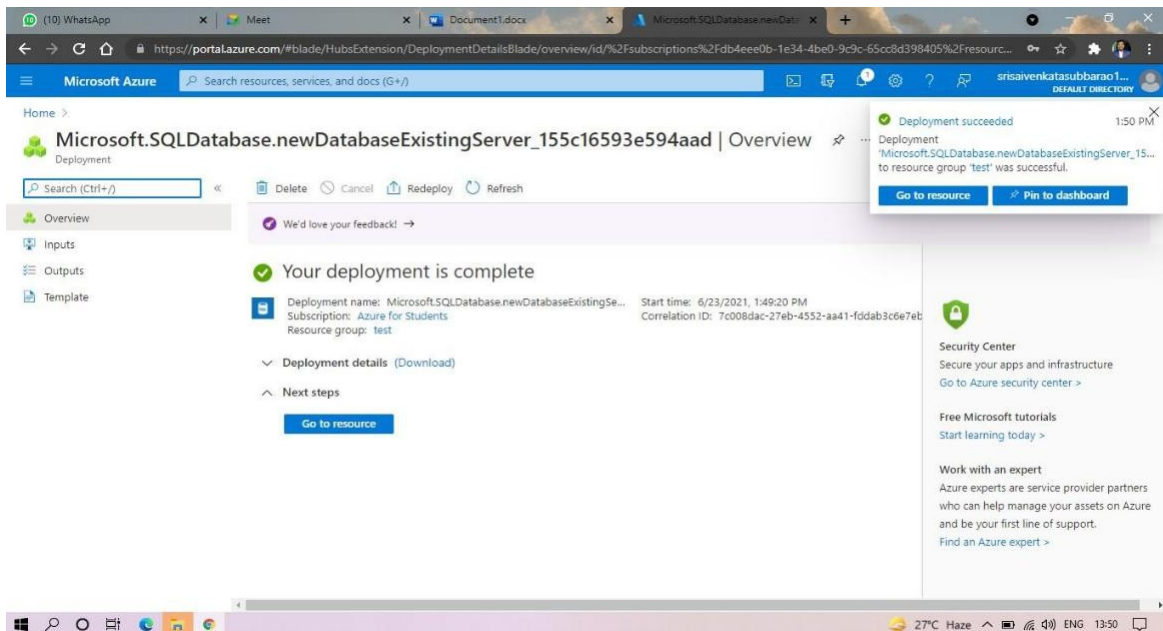
Click on add to create private endpoint

Review + create < Previous Next: Security >

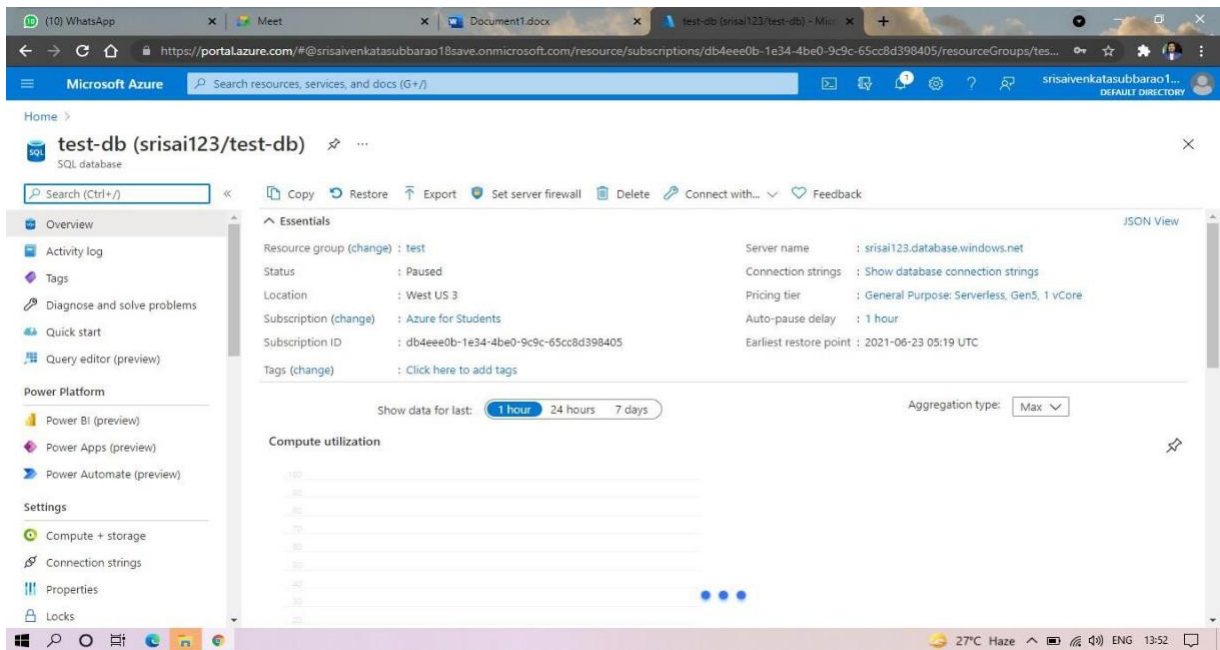
STEP5: IN ADDITIONAL SETTINGS SELECT SAMPLE.



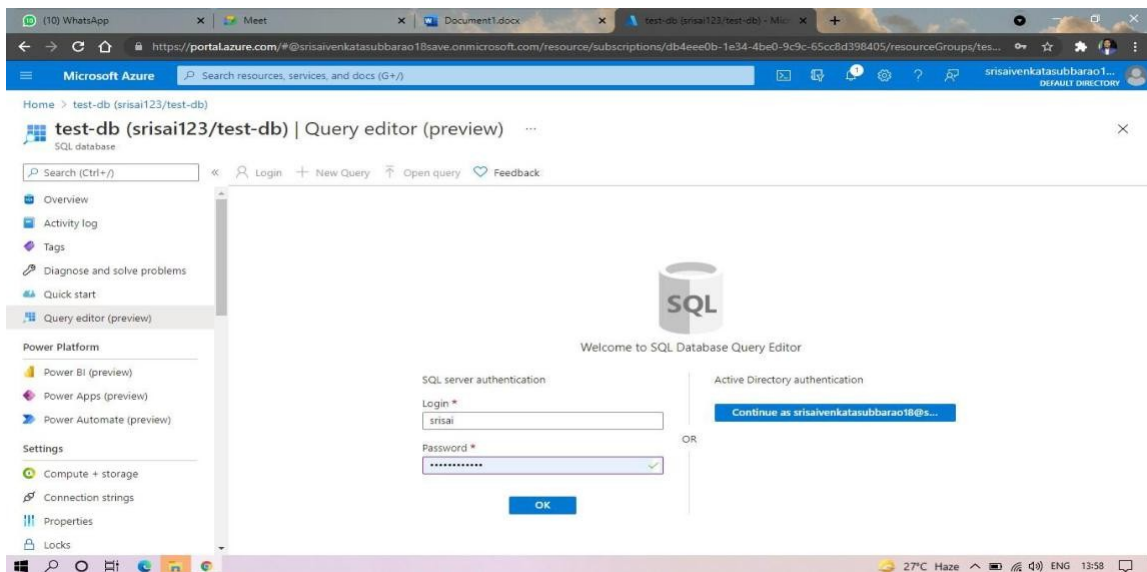
STEP6:AND THE SQL DATABASE IS DEPLOYED.



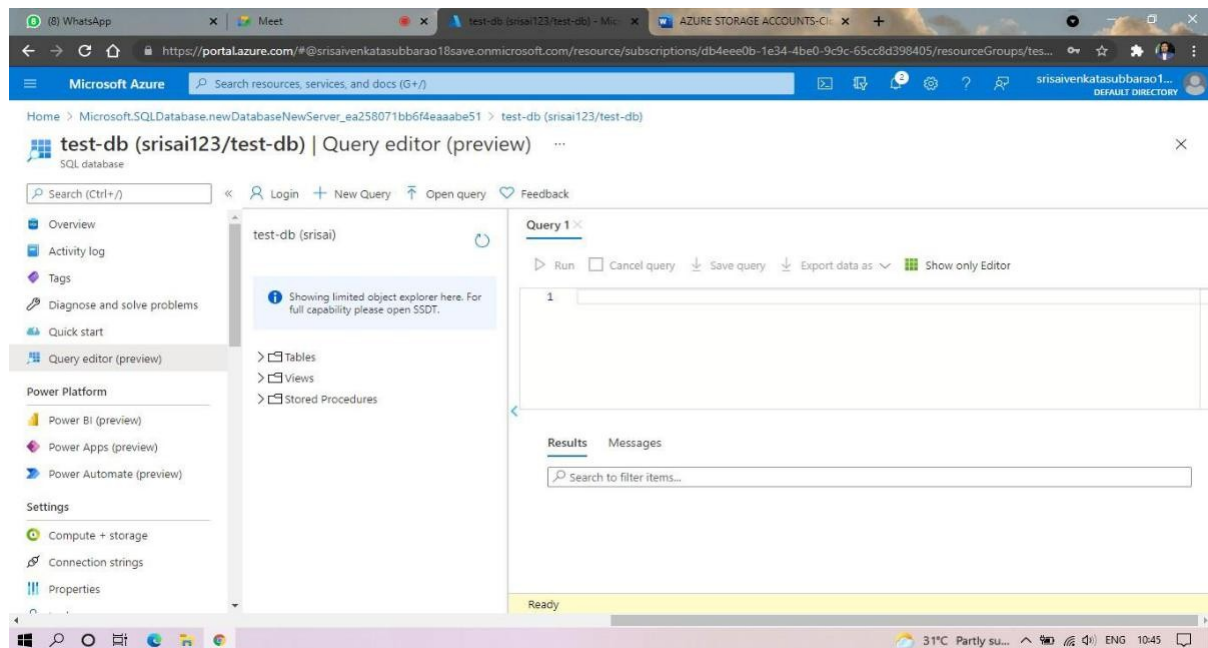
STEP7:AND NOW GOTO QUERY EDITOR.



STEP8:AND NOW AGAIN LOGIN TO THE SQLDATADATABASE



STEP9: AND OUR TABLES WILL SHOWN AND TYPE THE QUERY TO EXCUTED.



STEP10: AND OUR OUTPUT IS READY.

