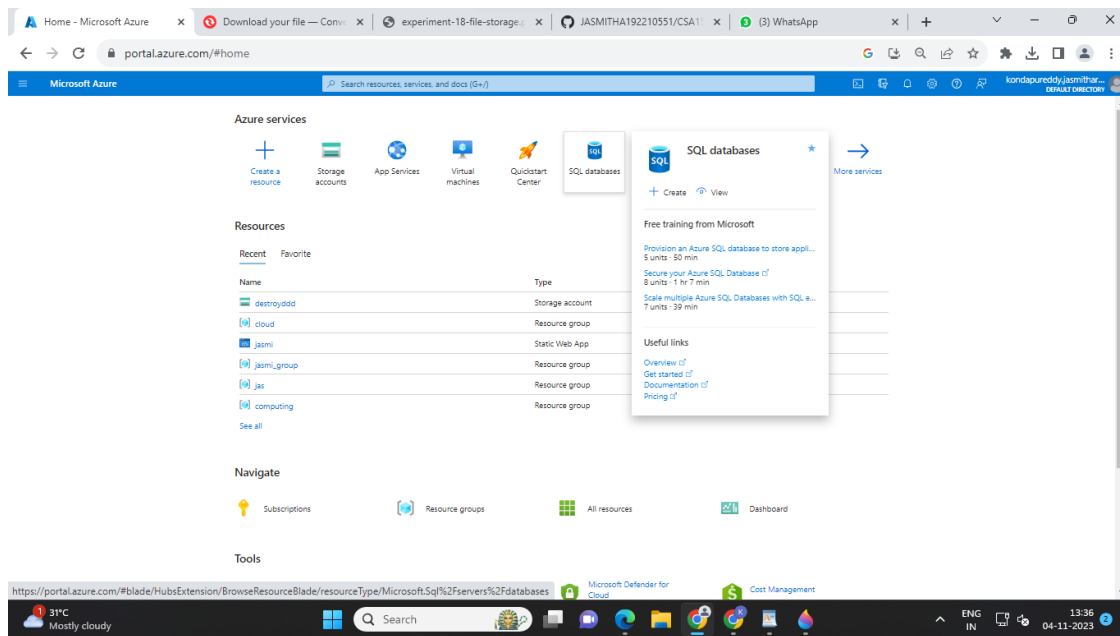


Experiment 19

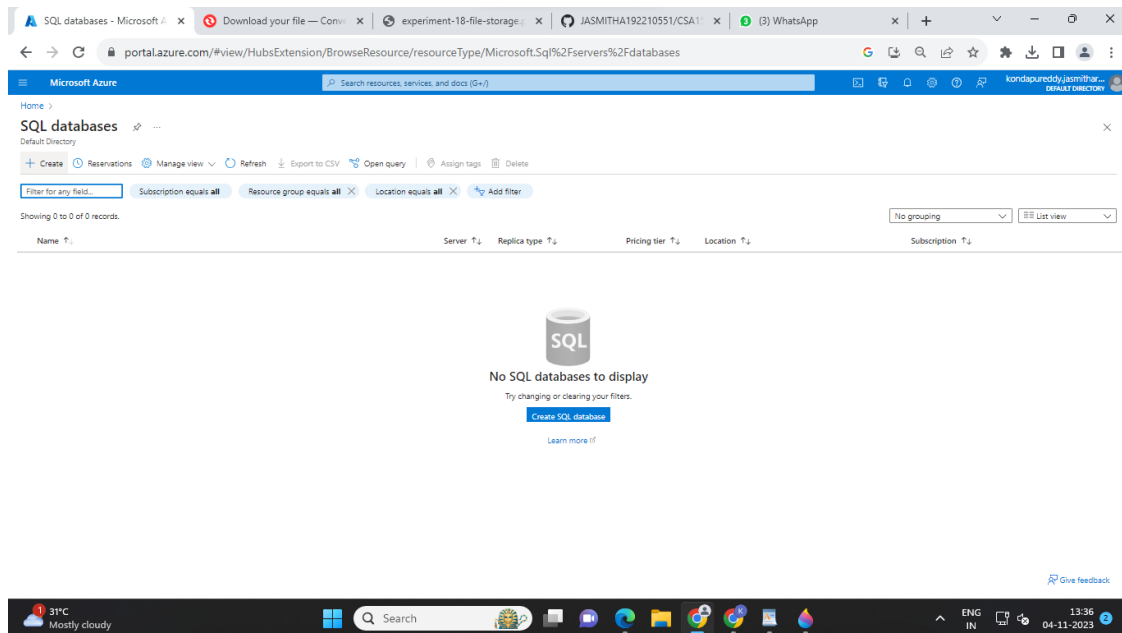
Database as a Service (DaaS) create and configure a new VM Image in any Public Cloud

Service Provider

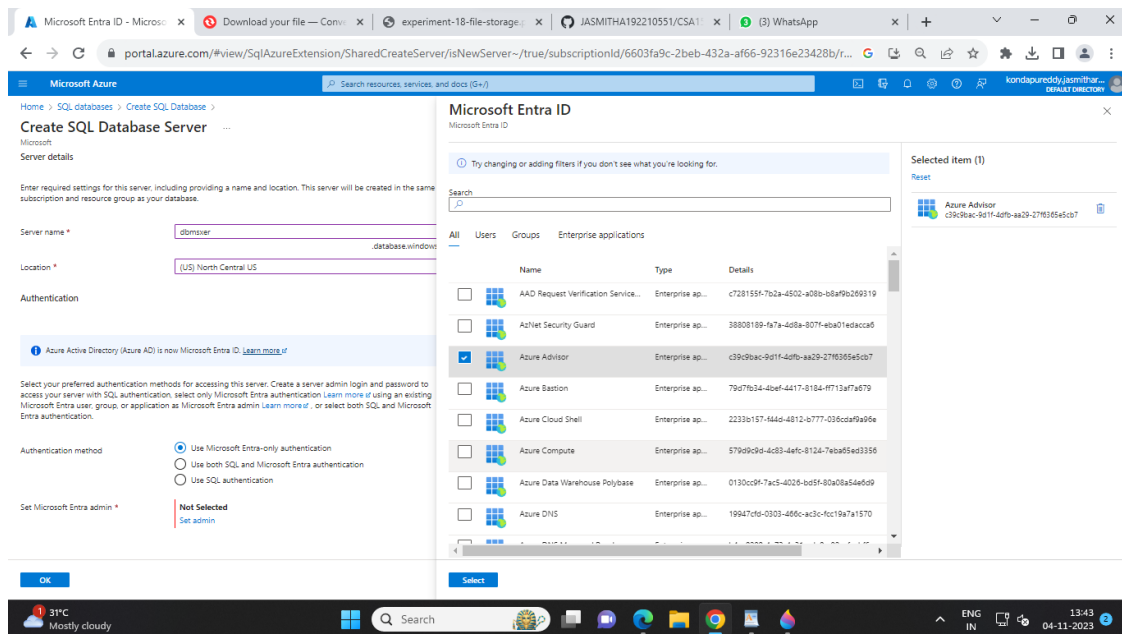
step 1: select sql database



step 2 : create



step 3 : enter server name and select admin and choose anything and click ok



step 4 : next networking select public endpoint

Microsoft Azure portal showing the 'Create SQL Database' wizard. The 'Network connectivity' section is active, showing options for 'Public endpoint' (selected) and 'Private endpoint'. The 'Firewall rules' section shows 'Allow Azure services and resources to access this server' set to 'No'. The 'Connection policy' section shows 'Default - Use Redirect policy' selected. The 'Cost summary' panel on the right shows the estimated storage cost of 375.71 INR/month and compute cost of 0.011382 INR/hour. The 'Review + create' button is visible at the bottom.

step 5 : go to default security

Microsoft Azure portal showing the 'Create SQL Database' wizard. The 'Security' section is active, showing options for 'Microsoft Defender for SQL' (selected) and 'Not now'. The 'Ledger' section shows 'Not configured' with a link to 'Configure ledger'. The 'Server identity' section shows 'Not enabled' with a link to 'Configure identities'. The 'Transparent data encryption key management' section is visible at the bottom. The 'Cost summary' panel on the right shows the estimated storage cost of 375.71 INR/month and compute cost of 0.011382 INR/hour. The 'Review + create' button is visible at the bottom.

step 6 : add tags

Microsoft Azure portal showing the "Create SQL Database" wizard. The "Tags" tab is active, showing a table for tagging resources.

Name	Value	Resource
abc	10	All resources
def	23	All resources
ghi	78	2 selected
	789	2 selected
	89	

Cost summary

General Purpose (GP S Gen5 1)	
Cost per GB (in INR)	9.03
Max storage selected (in GB)	x 41.6
ESTIMATED STORAGE COST / MONTH	375.71 INR
COMPUTE COST / VCORE SECOND	0.011382 INR

NOTES

1 Serverless databases are billed in vCore seconds based on a combination of CPU and memory utilization. [Learn more about serverless billing](#)

Buttons: Review + create, < Previous, Next: Review + create >

step 7 :overview and click create

Microsoft Azure portal showing the "Create SQL Database" wizard. The "Review + create" tab is active, showing the product details and terms.

Product details

SQL database
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Estimated cost

Storage cost 375.71 INR / month + Compute cost 0.011382 INR / vCore second

Cost summary

General Purpose (GP S Gen5 1)	
Cost per GB (in INR)	9.03
Max storage selected (in GB)	x 41.6
ESTIMATED STORAGE COST / MONTH	375.71 INR
COMPUTE COST / VCORE SECOND	0.011382 INR

NOTES

1 Serverless databases are billed in vCore seconds based on a combination of CPU and memory utilization. [Learn more about serverless billing](#)

Basics

Subscription	Azure for Students
Resource group	cloud
Region	North Central US
Database name	database
Server	(new) dbmsvwr
Authentication method	Microsoft Entra-only authentication
Microsoft Entra Admin	Azure Advisor
Compute + storage	General Purpose - Serverless: Standard-series (Gen5), 1 vCore, 32 GB storage, zone redundant disabled

Buttons: Create, < Previous, [Download a template for automation](#)

step 8 : deployment and go for resource

database (dbmsxr/database)

SQL database

Search

CopyRestoreExportSet server firewallDeleteConnect with...Feedback

Overview

Activity log

Tags

Diagnose and solve problems

Query editor (preview)

Settings

Compute + storage

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Replicas

Sync to other databases

Integrations

Azure Synapse Link

Stream analytics (preview)

Add Azure Search

Power Platform

Power BI

Power Apps

Essentials

Resource group: cloud

Status: Online

Location: North Central US

Subscription: Azure for Students

Subscription ID: 6603fa9c-2beb-432a-af66-92316e23428b

Tags: abc:10, def:23, ghi:78

Server name: dbmsxr.database.windows.net

Connection strings: Show database connection strings

Pricing tier: General Purpose - Serverless: GenS. 1 vCore

Auto-pause delay: 1 hour

Earliest restore point: No restore point available

JSON View

Getting startedMonitoringPropertiesFeaturesNotifications (0)IntegrationsTutorials

Start working with your database

Connect to your database and start working with data with a few simple steps. Learn more

Configure access

Configure network access to your SQL server. Learn more

Configure

Connect to application

Use connection strings to connect to your SQL database from your applications and favorite tools.

See connection strings

Start developing

Work in your database by using tools to add, modify and query data. Compare tools

Open Azure Data Studio

Open in Visual Studio

Open in Visual Studio Code

31°C Mostly cloudy

Search

ENG IN

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