

CLOUD COMPUTING DAY-3 QUESTIONS

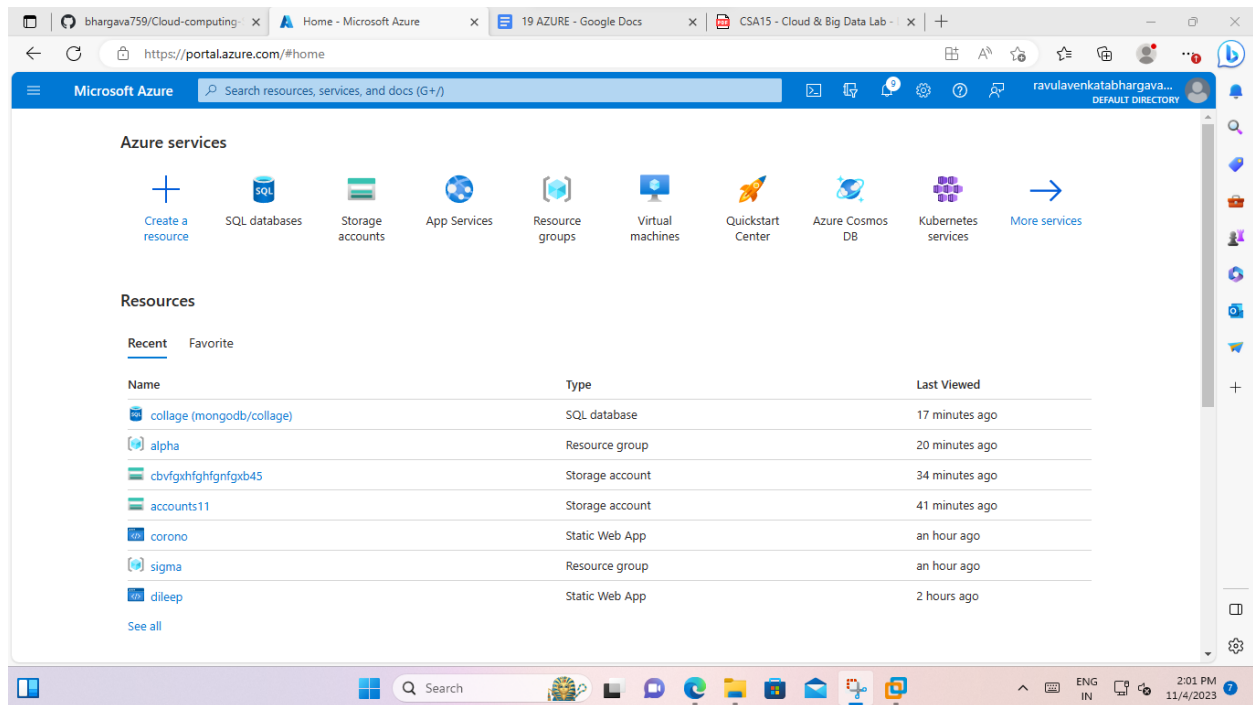
USING AZURE

20. 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)

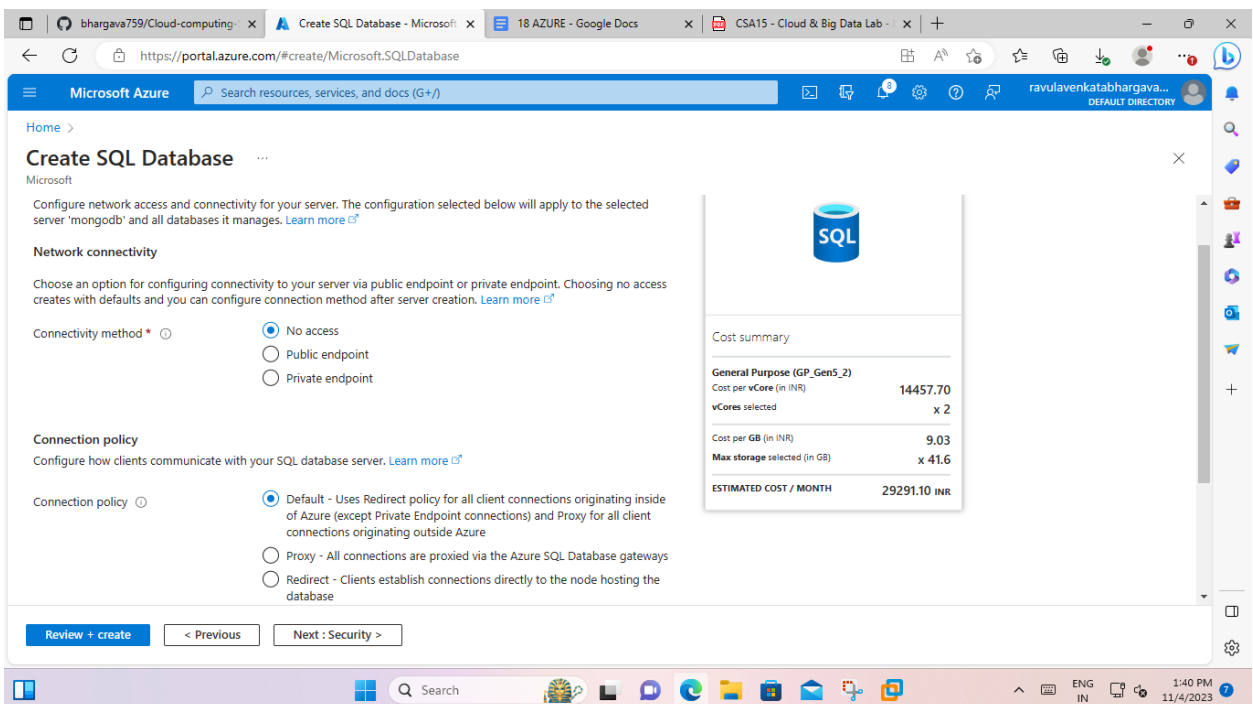
Procedure:

1.To open sql databases.

After setup sql databases and to go security.



2.and create an sql databases.



-> to setup the sql databases. And also go to additional settings.

Microsoft Azure

Create SQL Database

Microsoft

Microsoft Defender for SQL

Protect your data using Microsoft Defender for SQL, a unified security package including vulnerability assessment and advanced threat protection for your server. [Learn more](#)

Get started with a 30 day free trial period, and then 1178.0175 INR/server/month.

Enable Microsoft Defender for SQL * ☐ Start free trial ☒ Not now

Ledger

Ledger cryptographically verifies the integrity of your data and detects any tampering that might have occurred. [Learn more](#)

Ledger **Not configured** [Configure ledger](#)

Server identity

Use system assigned and user assigned managed identities to enable central access management between this database and other Azure resources. [Learn more](#)

[Review + create](#) [< Previous](#) [Next : Additional settings >](#)

Cost summary

General Purpose (GP_Gen5_2)	
Cost per vCore (in INR)	14457.70
vCores selected	x 2
Cost per GB (in INR)	9.03
Max storage selected (in GB)	x 41.6
ESTIMATED COST / MONTH	29291.10 INR

->additional settings.

->and after tags and give some names.

And after review+text.

Microsoft Azure

Create SQL Database

Microsoft

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

Customize additional configuration parameters including collation & sample data.

Data source

Start with a blank database, restore from a backup or select sample data to populate your new database.

Use existing data * ☒ None ☐ Backup ☐ Sample

Database collation

Database collation defines the rules that sort and compare data, and cannot be changed after database creation. The default database collation is SQL_Latin1_General_CP1_CI_AS. [Learn more](#)

Collation * [Find a collation](#)

Maintenance window

Select a preferred maintenance window from the drop-down. Please note, during a maintenance event, Azure SQL Database are fully available and accessible but some of the maintenance updates require a failover as Azure takes SQL DB instances offline for short times to enable the maintenance updates. If the database is part of elastic pool, the...

[Review + create](#) [< Previous](#) [Next : Tags >](#)

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->

Microsoft Azure portal showing the "Create SQL Database" wizard. The "Tags" tab is selected, showing a table for adding tags:

Name	Value	Resource
azure	50	All resources
64 bit	32	All resources
ubuntu	57	2 selected
		2 selected

Cost summary:

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

->after completion to create button should tap.

Microsoft Azure portal showing the "Create SQL Database" wizard. The "Product details" tab is selected, showing the "Estimated cost per month" as 29291.10 INR.

Cost summary:

Item	Value
General Purpose (GP_Gen5_2)	
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Buttons: Create, < Previous, Download a template for automation

The image consists of two screenshots of the Microsoft Azure portal interface, showing the process of deploying and managing a Microsoft SQL Database.

Top Screenshot: Deployment Overview

- Page Title:** Microsoft.SQLDatabase.newDatabaseNewServer_eeaf8357bd824964becc5 | Overview
- Deployment Status:** Deployment is in progress.
- Deployment Details:**
 - Deployment name: Microsoft.SQLDatabase.newDatabaseNewServer_eeaf8357bd824964becc5
 - Subscription: Azure for Students
 - Resource group: alpha
 - Start time: 11/4/2023, 1:41:49 PM
 - Correlation ID: ee13d718-413b-4753-9ed2-2f6e1...
- Deployment Details Table:**

Resource	Type	Status	Operation detail
mongodb	SQL server	Accepted	Operation detail
- Side Panel:** Includes links for Microsoft Defender for Cloud, Free Microsoft tutorials, and Work with an expert.

Bottom Screenshot: Database Management

- Page Title:** collage (mongodb/collage) | Overview
- Database Name:** collage (mongodb/collage)
- Tags (edit):** azure : 50, 64 bit : 32, ubuntu : 57
- Getting started:** Start working with your database. Connect to your database and start working with data with a few simple steps. [Learn more](#)
- Configuration Options:**
 - Configure access:** Configure network access to your SQL server. [Learn more](#)
 - 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](#)
- Buttons:** [Configure](#), [See connection strings](#), [Open Azure Data Studio](#), [Open in Visual Studio](#), [Open in Visual Studio Code](#)

This is the method of working process databases.

