LAB EXPERIMENTS

CSA1517

CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HADOOP APPLICATIONS

P.SAHITH SAI

(192425029)

EXP26.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 Using any 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 GROUPAND ENTER THE SERVERNAMETHATAPPLICABLE.

STEP4: IN NETWORKING SELECT ALLOW AZURE SERVICES AND

RESOURCES TO ACCESS THIS SERVER.

STEP5: IN ADDITIONAL SETTINGS SELECT SAMPLE.

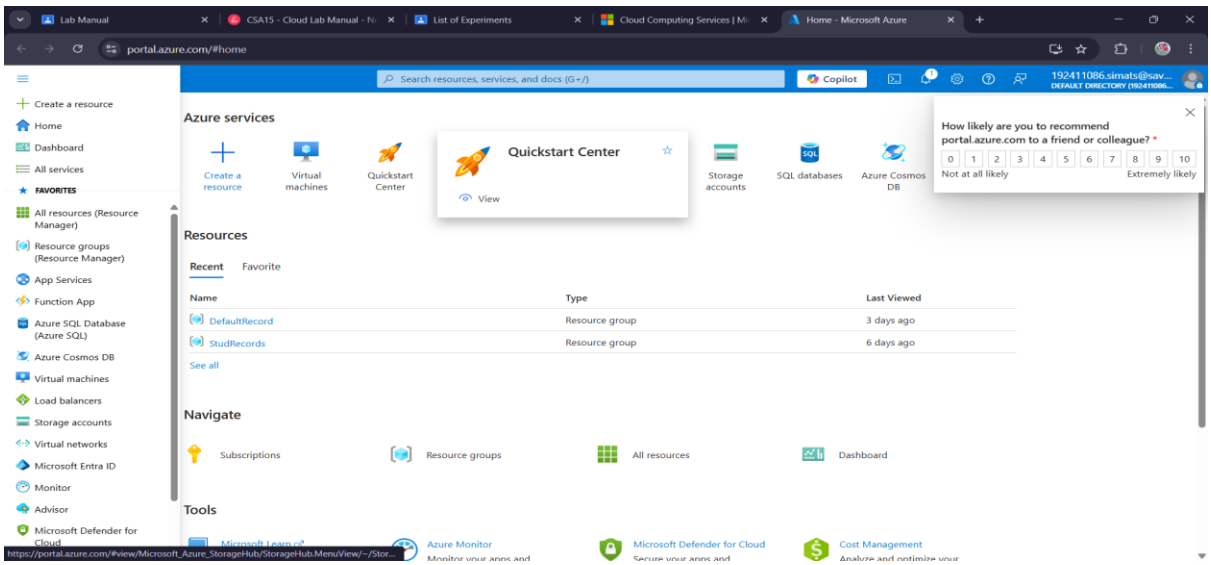
STEP6:AND THE SQL DATABASE IS DEPLOYED

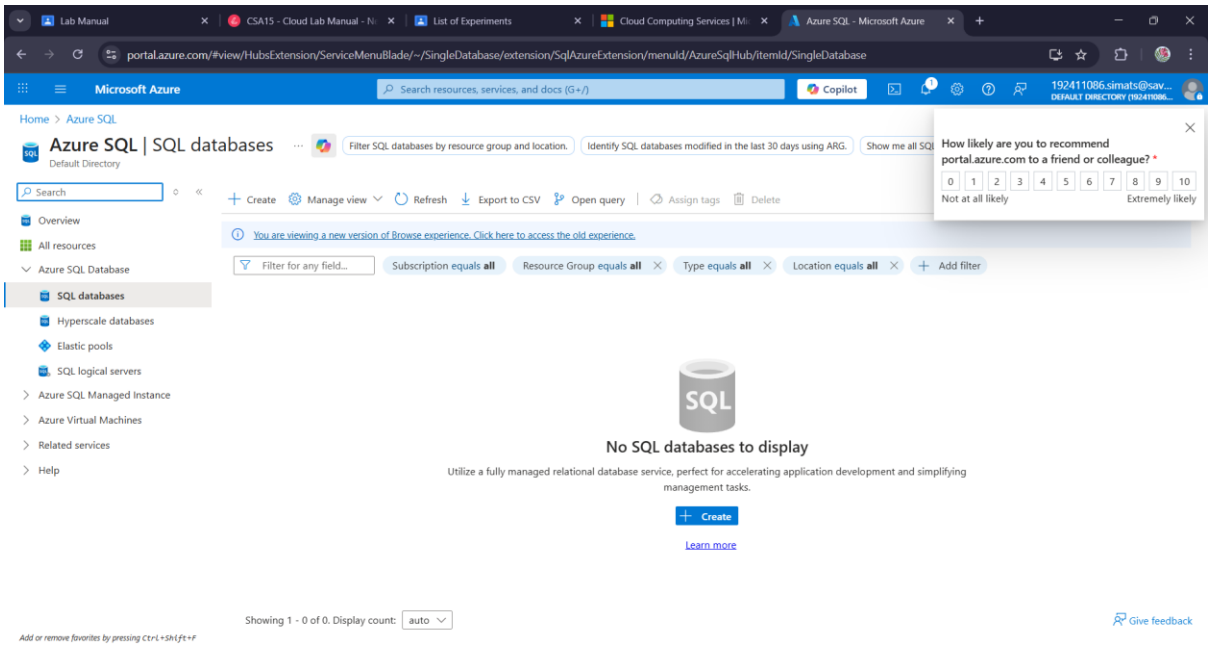
TEP7: NOW GOTO QUERY EDITOR.

STEP8: NOW AGAIN LOGIN TO THE SQLDATADATABASE

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

IMPLEMENTATION:




Lab Manual
CSA15 - Cloud Lab Manual - N
List of Experiments
Cloud Computing Services | M
Azure SQL - Microsoft Azure
portal.azure.com/#view/HubsExtension/ServiceMenuBlade/~/SingleDatabase/extension/SqlAzureExtension/menuId/AzureSqlHub/itemId/SingleDatabase
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
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DEFAULT DIRECTORY (192411086...
Home > Azure SQL
Azure SQL | SQL databases
Default Directory
Filter SQL databases by resource group and location.
Identify SQL databases modified in the last 30 days using ARG.
Show me all SQ
How likely are you to recommend portal.azure.com to a friend or colleague? *
0 1 2 3 4 5 6 7 8 9 10
Not at all likely
Extremely likely
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Open query
Assign tags
Delete
Overview
All resources
Azure SQL Database
SQL databases
Hyperscale databases
Elastic pools
SQL logical servers
Azure SQL Managed Instance
Azure Virtual Machines
Related services
Help
You are viewing a new version of Browse experience. Click here to access the old experience.
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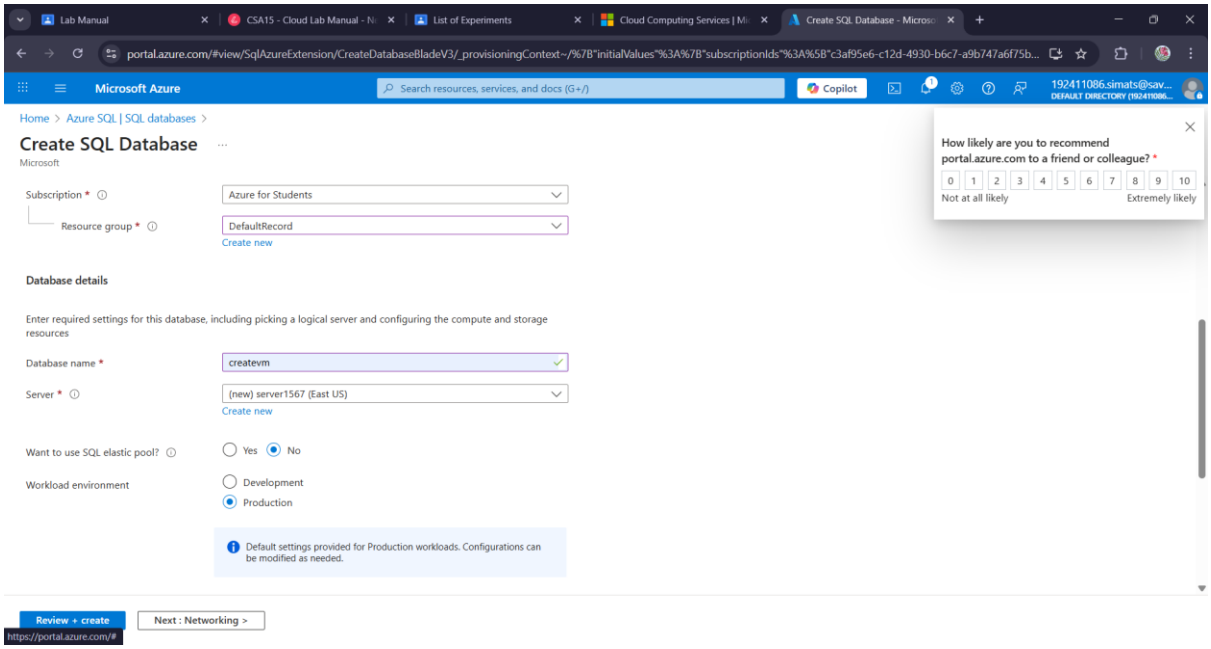
Subscription equals all
Resource Group equals all
Type equals all
Location equals all
Add filter
SQL
No SQL databases to display
Utilize a fully managed relational database service, perfect for accelerating application development and simplifying management tasks.
Create
Learn more
Showing 1 - 0 of 0. Display count: auto
Give feedback
Add or remove favorites by pressing Ctrl+Shift+F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Create SQL Database - Microso
portal.azure.com/#view/SqlAzureExtension/CreateDatabaseBladeV3/_provisioningContext~/%7B"initialValues"%3A%7B"subscriptionIds"%3A%5B"c3af95e6-c12d-4930-b6c7-a9b747a6f75b...
Microsoft Azure
Search resources, services, and docs (G+/)
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Home > Azure SQL | SQL databases >
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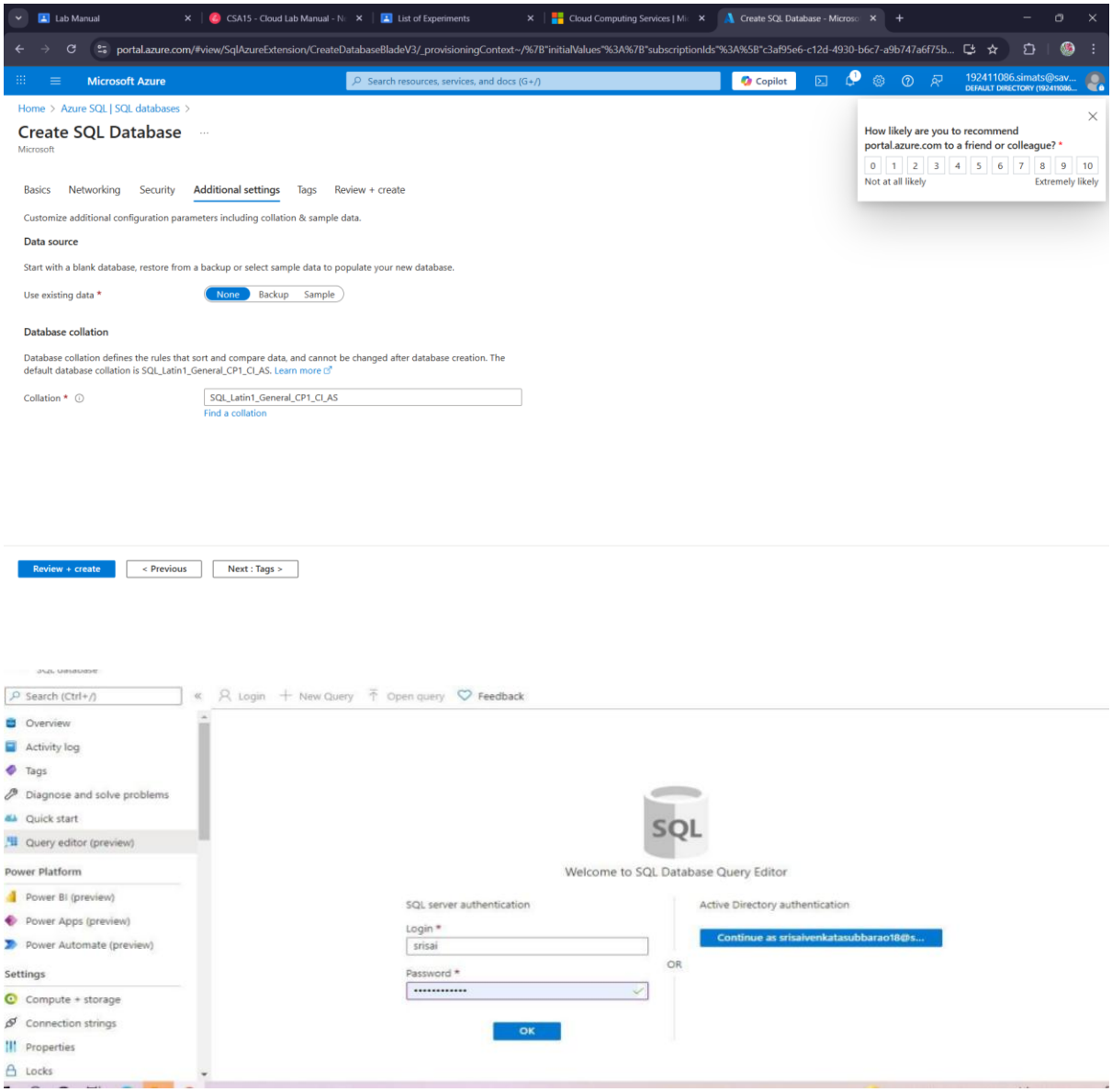
Microsoft
How likely are you to recommend portal.azure.com to a friend or colleague? *
0 1 2 3 4 5 6 7 8 9 10
Not at all likely
Extremely likely
Subscription *
Azure for Students
Resource group *
DefaultRecord
Create new
Database details
Enter required settings for this database, including picking a logical server and configuring the compute and storage resources
Database name *
createvm
Server *
(new) server1567 (East US)
Create new
Want to use SQL elastic pool?
Yes
No
Workload environment
Development
Production
Default settings provided for Production workloads. Configurations can be modified as needed.
Review + create
Next : Networking >
https://portal.azure.com/#



Result:

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) has been created.