

LAB EXPERIMENTS

CSA1517

**CLOUD COMPUTING AND BIG
DATA ANALYTICS FOR HADOOP
APPLICATIONS**

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EXP NO 25. DATABASE AS A SERVICE (DAAS) CREATE AND CONFIGURE A NEW VM IMAGE IN ANY PUBLIC CLOUD SERVICE PROVIDER USING AZURE.

AIM:

Database As A Service (Daas) Create And Configure A New Vm Image In Any Public Cloud Service Provider Using Azure

PROCEDURE:

STEP1: GOTO AZURE AND GOTO SQLDATABASE.

STEP 02: Now Create a Sql Databse

STEP3: SELECT THE RESOURCE GROUPAND ENTER THE SERVERNAME THATAPPLICABLE.

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

STEP5: IN ADDITIONAL SETTINGS SELECT SAMPLE.

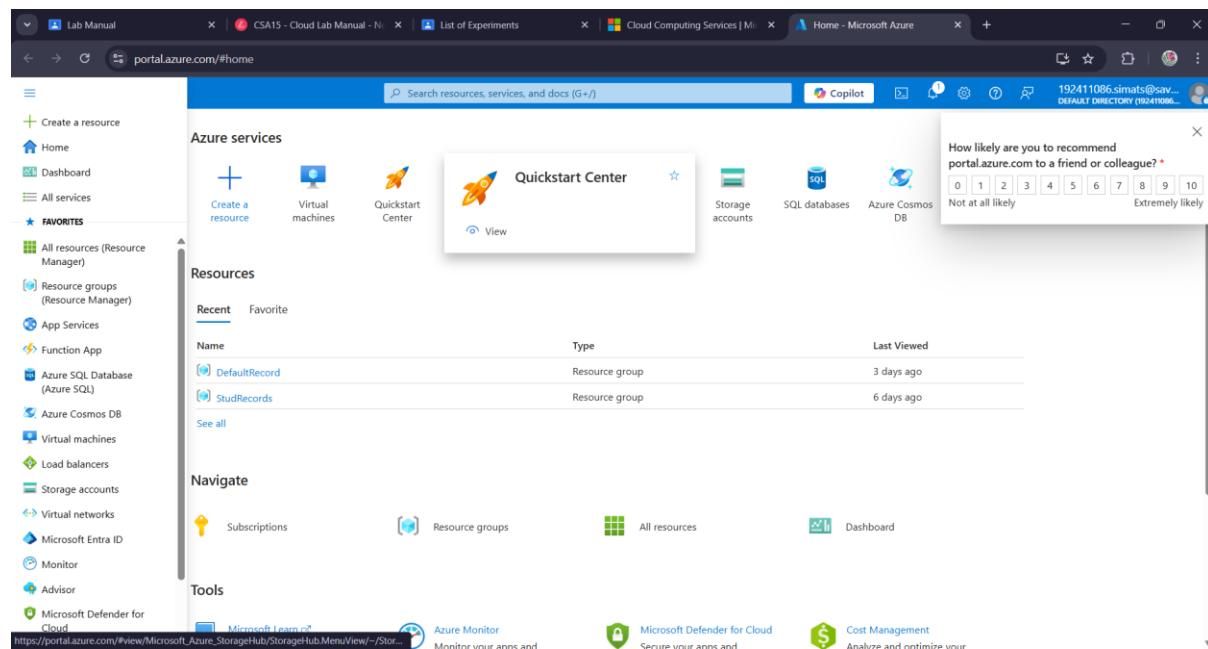
STEP6:AND THE SQL DATABASE IS DEPLOYED

TEP7: NOW GOTO QUERY EDITOR.

STEP8: NOW AGAIN LOGIN TO THE SQLDATADATABASE

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

IMPLEMENTATION:



Screenshot of the Microsoft Azure portal showing the 'Azure SQL | SQL databases' blade. The left sidebar shows 'SQL databases' selected. The main area displays a message: 'No SQL databases to display'. A 'Create' button is available. A feedback survey is present in the top right.

Screenshot of the Microsoft Azure portal showing the 'Create SQL Database' blade. It asks for 'Subscription' (selected: 'Azure for Students') and 'Resource group' (selected: 'DefaultRecord'). The 'Database details' section includes fields for 'Database name' ('createvm'), 'Server' ('(new) server1567 (East US)'), and 'Workload environment' ('Production'). A note says 'Default settings provided for Production workloads. Configurations can be modified as needed.' Navigation buttons at the bottom are 'Review + create' and 'Next : Networking >'. A URL 'https://portal.azure.com/#' is visible at the bottom left.

The screenshot shows the Microsoft Azure portal interface for creating a new SQL database. The main page title is 'Create SQL Database'. The 'Additional settings' tab is currently active. On the left, there's a sidebar with links like 'Basics', 'Networking', 'Security', and 'Tags'. Below that is a section for 'Database collation' with a dropdown set to 'SQL_Latin1_General_CI_AS'. At the bottom, there are buttons for 'Review + create', '< Previous', and 'Next : Tags >'.

This screenshot shows the 'Query editor (preview)' interface within the Azure portal. The left sidebar includes links for 'Overview', 'Activity log', 'Tags', 'Diagnose and solve problems', 'Quick start', and 'Query editor (preview)'. The main area is titled 'Welcome to SQL Database Query Editor' and shows a 'SQL' icon. It provides options for 'SQL server authentication' (Login: srisai, Password: [redacted]) or 'Active Directory authentication' (Continue as srisalvenkatasubbarao18@s...). There is an 'OK' button at the bottom.

Result:

A service (daas) create and configure a new vm image in any public cloud service provider using azure has been created.