

EXP 14 DEMONSTRATE INFRASTRUCTURE AS A SERVICE (IAAS) BY CREATING A VIRTUAL MACHINE USING A PUBLIC CLOUD SERVICE PROVIDER (AZURE), CONFIGURE WITH REQUIRED MEMORY AND CPU.

AIM: To create a Virtual Machine in Azure using Infrastructure as a Service (IaaS) and configure it with the required CPU and memory.

PROCEDURE;

STEP1: OPEN AZURE AND GOTO STORAGE ACCOUNTS AND CREATE STORAGE ACCOUNT

STEP2: ENTER THE RESOURCE GROUP AND AND STORAGE ACCOUNT NAME AND REVIEW AND CREATE AND CLICK TH CREATE AND YOUR STORAGE ACCOUNT WILL BE DEPLOYED SUCCESSFULLY.

STEP3: OUR STORAGE ACCOUNT IS CREATED.

STEP4: GOTO STATIC WEBSITE

STEP5: AND ENABLE AND ENTER YOUR INDEX AND ERROR HTML FILES NAMES.

STEP6: AND GOTO STORAGE EXPLORER(REVIEW) AND AND GOTO BLOB CONTAINERS AND WEB AND UPLOAD THE TWO HTML FILES INIT

STEP7: AND AGAIN RETURN TO STATIC WEBSITE AND OPEN THE PRIMARY LINK AND YOUR WEB PAGE IS CREATED

IMPLEMENTATION:

The screenshot shows the Azure Storage Account Overview page for a storage account named 'recordstoragesubbarao'. The left sidebar includes links for Home, Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage Explorer (preview), Data storage (Containers, File shares, Queues, Tables), Security + networking (Networking), and Help + feedback. The main content area displays the storage account's details under the 'Essentials' section, such as Resource group (Record), Location (East US), Primary/Secondary location (Primary: East US, Secondary: West US), Subscription (Azure for Students), Subscription ID (db4eed0b-1e34-4be0-9d9c-d5cc8d398405), Disk state (Primary: Available, Secondary: Available), and Tags (change). It also shows Blob service settings like Hierarchical namespace (Disabled), Default access tier (Hot), Blob public access (Enabled), and security options like Require secure transfer for REST API operations (Enabled), Storage account key access (Enabled), and Minimum TLS version (Version 1.2). A note at the top right encourages upgrading to the new alerts platform.

RESULT: Thus ,the implementation were successful