



S2VGymBot using Azure Services

Project Documentation

Created By: Vedant Babade, Sree Lakshmi Nair & Sanjana Maurya

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Project Guide: John Devassy,
Suraj Waghmare

ABSTRACT

This project report presents the design and implementation of **S2VGYM-BOT**, made by using Azure Services. This bot helps the user to enquire about admission process and details of the gym without the hustle of being physically present. The user access the bot and can get answers to all the question without visiting the gym just by chatting with bot. **S2VGYM-BOT** consist of azure AI service, language studio, webapp and container. **S2VGYM-BOT** uses AI to answer the questions asked by the client. A list of default question and answers is saved on database made in excel. When the client ask any questions the bot gives answer to it. It also uses the key words from the default questions the AI-bot ,shows the list of questions which contains the key word. It also recommends specific questions to the user. If the client asks questions outside from the default question the bot will suggest the default answer to the client. The bot stored the data base in the container. This container is stored in storage account.

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1: INTRODUCTION:-

CHAPTER1

S2VGYM-BOT have become a popular and convenient way of access of whereabouts of the gym and other details related to gym. Our s2v chatbot uses AI to reply the question asked by user/client. If users ask question which contain the keywords from the default questions then the AI will automatically show all the questions with the same question. This project report presents the design and implementation of **S2VGYM-BOT**, made by using Azure Services. This bot helps the user to enquire about admission process and details of the gym without the hustle of being physically present. The user access the bot and can get answers to all the question without visiting the gym just by chatting with bot. **S2VGYM-BOT** consist of azure AI service, language studio, webapp and container. **S2VGYM-BOT** uses AI to answer the questions asked by the client. A list of default question and answers is saved on database made in excel. When the client ask any questions the bot gives answer to it. It also uses the key words from the default questions the AI-bot ,shows the list of questions which contains the key word. It also recommends specific questions to the user. If the client asks questions outside from the default question the bot will suggest the default answer to the client. The bot stored the data base in the container. This container is stored in storage account.

1.1 Fundamentals

Fundamental steps in building the s2vgym-bot are:

- Planning the purpose, scope, and functions of the s2vgym-bot, as well as the budget, timeline, and stakeholders involved.
- Designing the s2vgym-bot architecture, interface, and features, as well as the digital collection, metadata, and access policies.
- Implementing the s2vgym-bot system using appropriate software, hardware, and network technologies, as well as testing and debugging the system.
- Evaluating the s2vgym-bot performance, usability, and user satisfaction, as well as collecting feedback and data for improvement.
- Maintaining and updating the s2vgym-bot system, content, and services, as well as ensuring security and backup measures.

1.2 Objectives:

The objectives that we took into consideration while creating a this gym-bot.

- To design and develop an gym-bot that help user to enquire about the gym online.
- To implement AI-bot to the web-services.
- To create a bot which answer's all the basic questions about registration and admission.
- To connect the date with the storage, which will fetch the answer for the user.

1.3 Scope:

- To develop an gym-chatbot system that provides easy enquiry and details regarding the gym.
- The user can type a single keyword and the AI-bot will automatically recommend all the following questions which contains the particular keyword in them.
- If the user ask a question aside from the default list of question then the ai-chatbot will automatically give them the default response.
- The container is used to store/edit or delete the data, which can be modify according to the need of the server-side .

CHAPTER 2

2. System requirements and specifications

2.1 What is SRS?

Software requirements Specifications (SRS) is the starting point of the software developing activity.

As the system grew more complex it became evident that the goal of the entire system cannot be easily comprehended hence the need for the requirement phase arose. The software project is initiated by the client needs. The SRS is the means of translating the idea of the mind of client (the input) in to a formal document (the output of the required phase.)

The SRS phase consists of two basic activities:

Problem/ requirement analysis: The process is order and more nebulous of the two deals with understanding the problem the goals and constraints.

Requirement specifications: Here the focus is on specifying what has been found giving analysis such as representation specification language and tools and checking the specification and addresses during this activity requirement phase terminates with the production of the validate SRS document producing the SRS document is the basic goal of this phase.

2.2 Role of SRS:

The purpose of the software requirement specification is to reduce the communication gap between the clients and the developers. The software requirement specification is the medium through which the client and user needs are accurately specified. It forms the basis of software development. A good SRS should satisfy all the parties involved in the system.

2.3 Requirements Specification Document:

A software requirement specification is a document that describes the nature of a project software or application. In simple words SRS document is a manual of a project provided It is preferred before you kick -start a project application This document is also known by the name SRS report software document A software document is primarily prepared for a project software of any kind of application ,There are set of guidelines to be followed while preparing the software requirement specificationdocument. This includes the purpose, scope, functional and non-functional requirements, software, and hardware requirements of the project. In addition to this, it also contains the information about environmental condition required Safety and security requirements software quality attributes of the project etc.

2.4 Functional requirements:

For documenting the functional requirements, the set of functionalities supported by the system are to be specified. A function can be specified by identifying the state at which data is to be input to the system Its input data domain, the output domain, and the type of processing to be carried on the input data to obtain the output data Functional require Define specific behaviour of function of the application.

Following other functional requirements:

FR.1 The users should be able to type in the chat-bot, and register as well.

FR.2 All the questions should be when the user enter the keywords.

FR.3 When a user types the question in the chat-bot the answer must returned to the user .

FR.4 The default answer will be returned when an external question is asked.

FR.5 The answers should be fetched from the database.

2.5 Non-Functional Requirements:

A non-functional requirement is a requirement that specifies criteria that can be used to judge the operation of the system, rather than specific behaviour. Especially these are the constraints the system must work within.

Following are the non-functional requirements:

- NFR.1 the chat-bot must be able to work properly without bugs.
- NFR.2 The chat-bot should not have any lag while showing the answers.
- NFR.3 The database should access proper user data.
- NFR.4 In the scenario where the bot is not able to answer, the default answer should appear .

2.6 Performance:

The performance of the deployed chat-bot can be calculated by using following method: Measuring How the performance of your application stands in relation to the defined performance goals and helps you to identify the bottleneck that affected your application performance. It helps you identify whether your application is moving towards or away from performance goals. Defining what you will measure that is your matrix and defining the objective for each metric is critical part of your testing plan. Performance objective includes the following: response time latency throughput or resource utilization.

2.7 Software Requirements:

- Operating system: Windows 10/11 or MAC OS.
- Platform: Microsoft Azure
- Microsoft azure subscription(Free Trial or Azure for student or Pay-as-you-go)
- AI language studio
- Azure bot service
- Azure web app
- Azure language services
- Azure storage account
- Microsoft Excel

2.8 Hardware Requirements:

- Processor: Intel core i3 and above
- Hard disk: 256 GB or above
- RAM: 4GB or above
- Internet: 1 Mbps or above

CHAPTER 3

3. Literature Survey

3.1 Paperwork

This project uses azure services and storage to build a AI-chat-bot, for gym enquiry. The features of this chat-bot are as follows,

- The bot can guess the list of questions by simply using the keyword.
- Even if the question asked by the user does exist in the database a default answer will be generated.
- The storage helps to save/edit/delete the data according to the server-side requirement.

The project helps people to make a decision about joining the gym before actually going in person to enquire .

The challenges that AI-GYM chatbot faces,

- Since a set of default questions and answers are already set up in the database, if the user ask something which doesn't contains any keyword of default question they will only be replied back with the default answer.

3.2 Related work

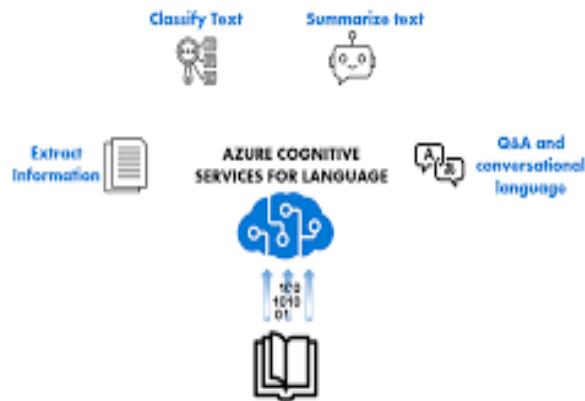
Whizard-its an fitness chat-bot.

CHAPTER 4

Azure Services Used:

1. Azure AI Language studio:

Language Studio is a set of UI-based tools that lets you explore, build, and integrate features from Azure Cognitive Service for Language into your applications. Language Studio provides you with a platform to try several service features, and see what they return in a visual manner. Question answering provides cloud-based Natural Language Processing (NLP) that allows you to create a natural conversational layer over your data. It is used to find appropriate answers from customer input or from a project. Question answering is commonly used to build conversational client applications, which include social media applications, chat bots, and speech-enabled desktop applications.

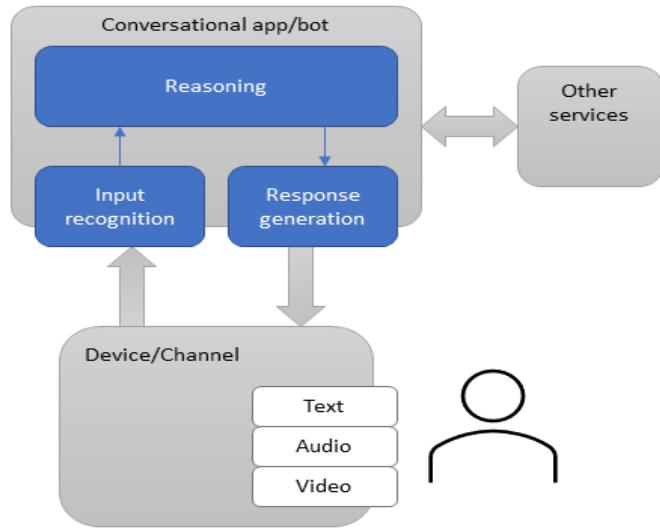


2. Azure AI Bot Service:

Azure AI Bot Service provides an integrated development environment for bot building. Its integration with Power Virtual Agents, a fully hosted low-code platform, enables developers of all technical abilities build conversational AI bots—no code needed. A chatbot is an application that has written or spoken natural language as its user interface. In other words, a conversation is the means through which questions are answered, requests are serviced, and so on.

This article provides an overview of some of the chatbot solutions Microsoft provides. If you're new to making chatbots, we recommend starting with Power Virtual Agents.

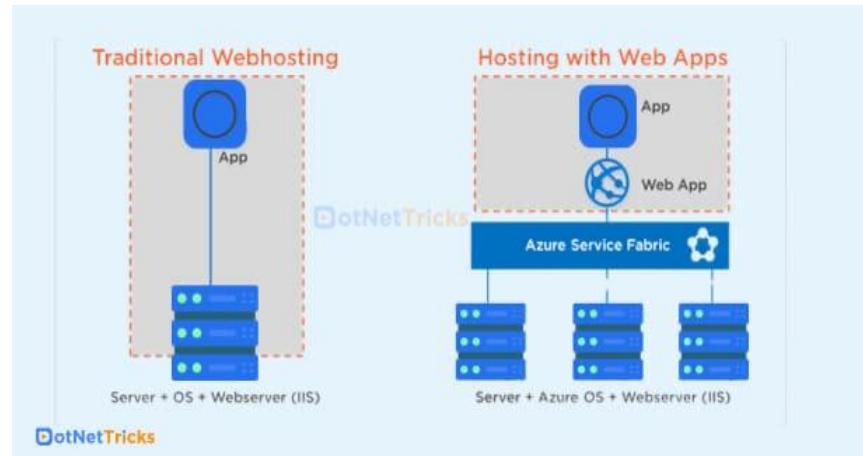
The following table lists Microsoft products and services for building bots, who they support, and a brief description. Following sections describe each product in more detail.



3. Azure Web App:

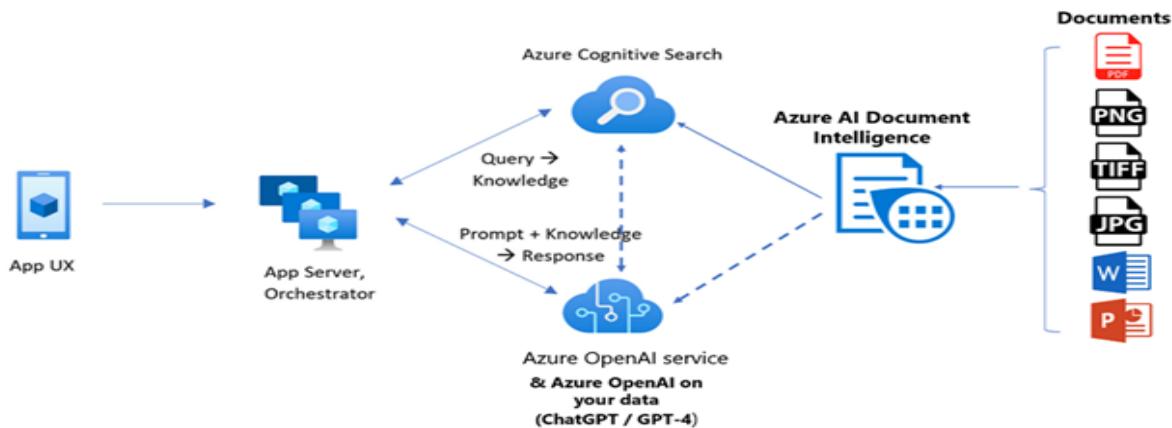
Web Apps are one of the most widely used Azure services that enable us to host our web applications in Azure. It can host a user-interactive application or even a backend service like a WCF Service or Web APIs. With Web Apps, we can leverage the power of Microsoft Azure and build multi-functional, immensely scalable, highly secured, and seamlessly accessible internet or intranet-based applications. Check out our free courses by getting Azure Certification to get an edge over the competition. What we need to do is to push our application package into the web app and Azure App Service will take care of anything and everything required to keep it running. The most important advantage of using a web application is that we need not worry about the infrastructure plumbing that may be required to host the application. In traditional web hosting, we need to make sure that the Server is up, the OS is updated and the IIS is running. But in the case of web apps, Azure Service Fabric makes sure that the web app is allocated with all required computing power and resources.

Azure Web Apps provides an extensive platform to build an app in Azure without having to deploy, configure, and maintain your own Azure virtual machines. We can build any web app using different languages such as ASP.NET, PHP, Node.js, and Python.



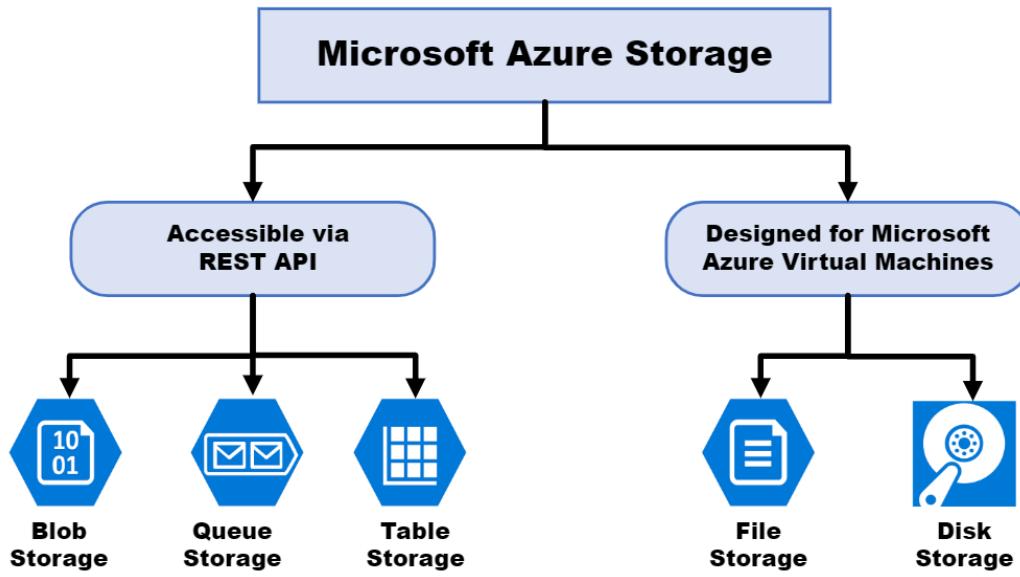
4. Azure language service:

Azure AI Language is a managed service for developing natural language processing applications. Identify key terms and phrases, analyse sentiment, summarize text, and build conversational interfaces. Use Language to annotate, train, evaluate, and deploy customizable AI models with minimal machine-learning experts. Azure AI Language is a cloud-based service that provides Natural Language Processing (NLP) features for understanding and analysing text. Use this service to help build intelligent applications using the web-based Language Studio, REST APIs, and client libraries.



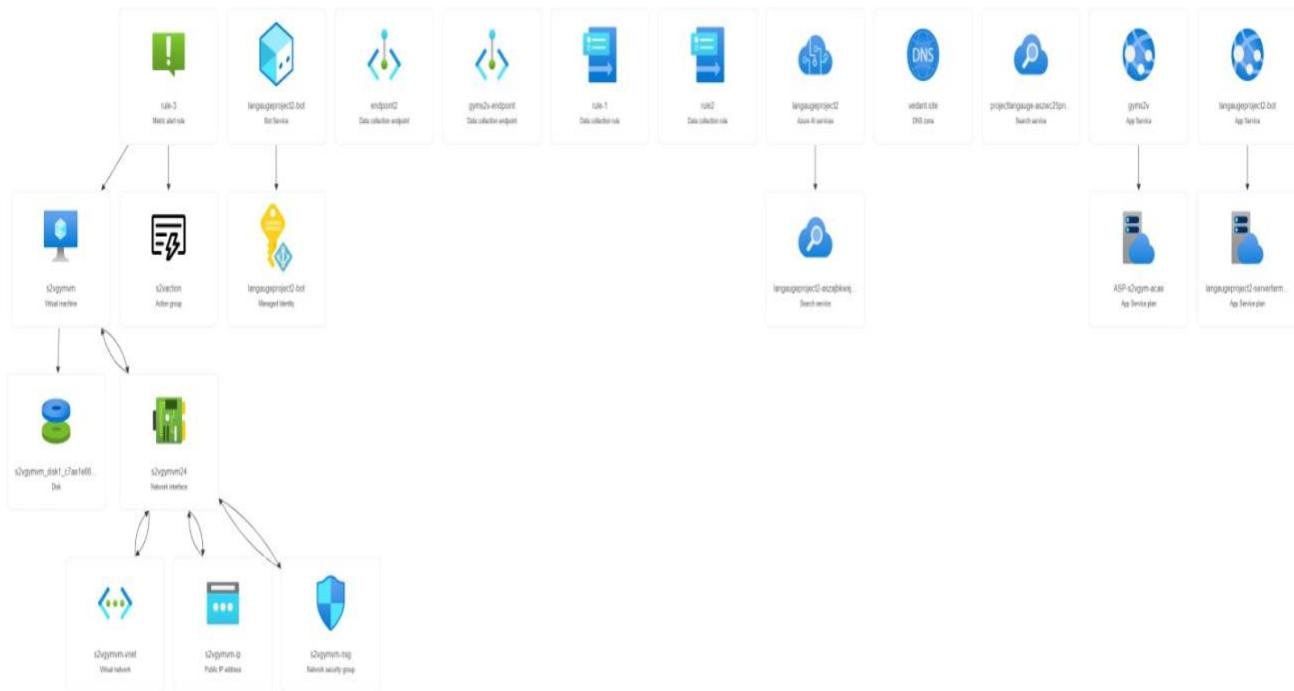
5. Azure Storage Account:

An Azure storage account contains all of your Azure Storage data objects: blobs, files, queues, and tables. The storage account provides a unique namespace for your Azure Storage data that's accessible from anywhere in the world over HTTP or HTTPS. Data in your storage account is durable and highly available, secure, and massively scalable.



CHAPTER 5: IMPLEMENTATION

Topology:



1. First we created an excel file for backend data base

Questions	Answers
1 Hello .	Hey I How may I help you ?
2 can you share details of the gym?	Impression Fitness Gym , lbs Marg , mulund west contact number- 7204465576
3 What is timing of gym?	Here at Impression Fitness Gym,we are available 24/7
4 Is the gym is unisex or gender specific ?	The gym is unisex
5 So is there any special time for both gents and ladies .	No,there is same time for both gents and ladies .
6 Is there any membership ?	Yes we have 3 memberships in our gym.
7 what are they?	3 months / 6 months / 1 year
8 What are the fees ?	3 months - 1500 rs / 6 months - 2700 / 1 year - 5000
9 Is their any discount for group?	yes , 2 person - 3 months - 1200 rs / 6 months - 2000 / 1year - 4000
10 what are fees for cardio?	1 person gym + cardio - 3 months - 1800 rs / 6 months - 3000 / 1year - 5500 , 2 person gym + cardio - 3 months - 1600 rs / 6 months - 2700 / 1year - 5000
11 Is their any personal trainer ?	yes we provide personal training.
12 what are the fees for personal trainer?	gym + personal trainer = 3000rs
13 what are the fees for personal trainer?	yes we have special trainers for females.
14 Is their any female trainer available for girls?	yes 1 person massage - 500rs ,2 person massage- 900rs
15 Is their any massage service available?	yes we have summer offer of 20% discount of fees.
16 Currently is their any special offer available?	yes we have 2 supplements available . 1. Protein max 2. Weigh protein
17 Are there any supplements available?	as a beginner 1 hour is enough.
18 As a beginner , what should be my workout time?	the ideal age is 17 to 18
19 what is the ideal age for starting gym?	8 forms per muscle are enough
20 how much forms should I take for per muscle ?	yes you can take double muscle workout
21 Can I go for double muscles on same day?	6 days workout per week is ok.
22 How much days shall I workout for a week	yes , after you consult your doctor.
23 Should I workout in gym with any medical condition ?	twice a week is fine.
24 how much days shall I take ABS workout?	morning time is best , or else in evening after 6 pm.
25 what is best time for workout ?	yes pre workouts gives you energy
26 shall I prefer any pre workouts ?	we recommend a combination of both.
27 Is strength training better or cardio?	we recommend to take massage once a month.
28 After how many days of workout I shall take massage?	no sir, we don't provide any refund.
29 can I get refund after I cancel my membership?	

2. Then we created a resource group in azure portal.

Name	Subscription	Location

No resource groups to display
Try changing or clearing your filters.
[Create](#) [Learn more](#)

[Give feedback](#)

3. We named the resource group as S2Vgym

Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * Resource group *

Resource details

Region *

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

4. Resource group is created

Resource groups

s2vgym

Overview

Resources

Name	Type	Location
languageproject2	Language	East US
languageproject2-aszajbkwxjafdc6	Search service	East US
languageproject2-bot	Azure Bot	Global
languageproject2-bot	Managed Identity	East US
languageproject2-bot	App Service	East US
languageproject2-serverfarm-bfc88b	App Service plan	East US
projectlanguage	Language	East US
projectlanguage-aszwc25pngj7oqu	Search service	East US

Azure Resource Groups Overview

s2vgym Resource group

Subscription (move) [Free Trial](#)

Subscription ID d43294a8-380f-4e89-9e83-911b69b7ccda

Tags [Edit](#) [Add tags](#)

Deployments [No deployments](#)

Location East US

Resources **Recommendations**

No resources match your filters

Try changing or clearing your filters.

Give feedback

5. We created a storage account

Azure Storage Accounts Overview

Storage accounts

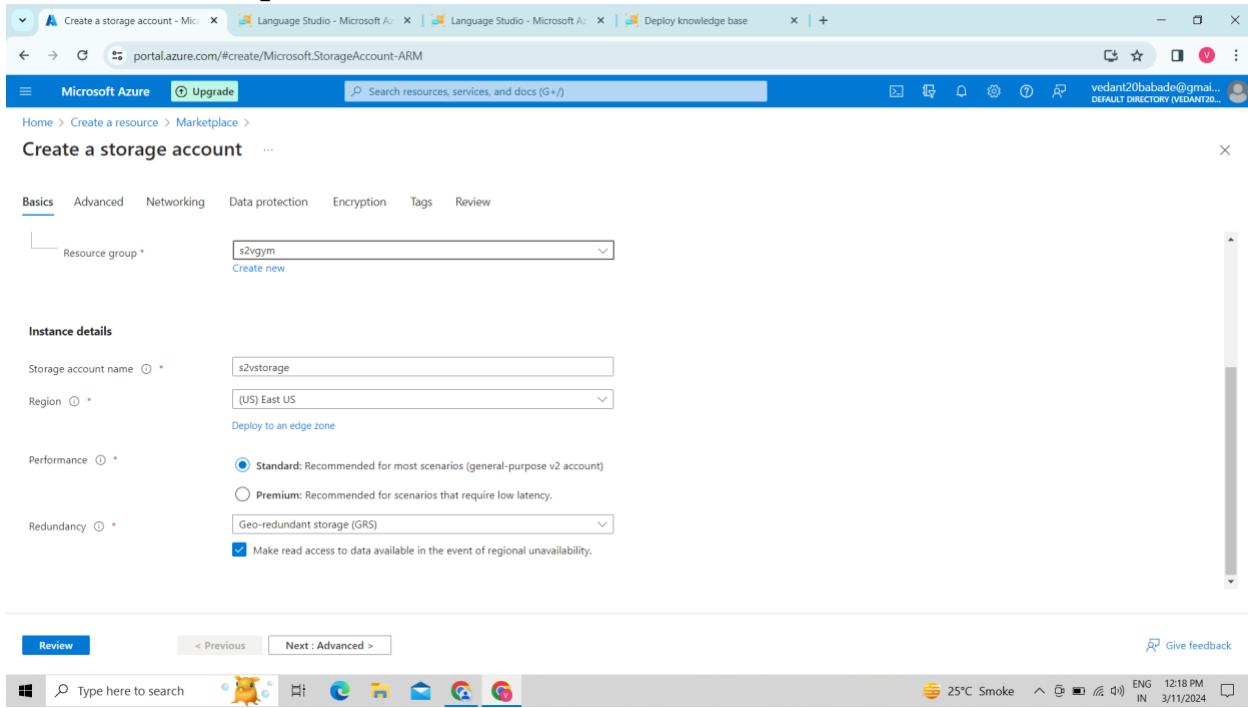
Create a storage account to store up to 500TB of data in the cloud. Use a general-purpose storage account to store object data, use a NoSQL data store, define and use queues for message processing, and set up file shares in the cloud. Use the Blob storage account and the hot or cool access tiers to optimize your costs based on how frequently your object data is accessed.

Create storage account

Learn more

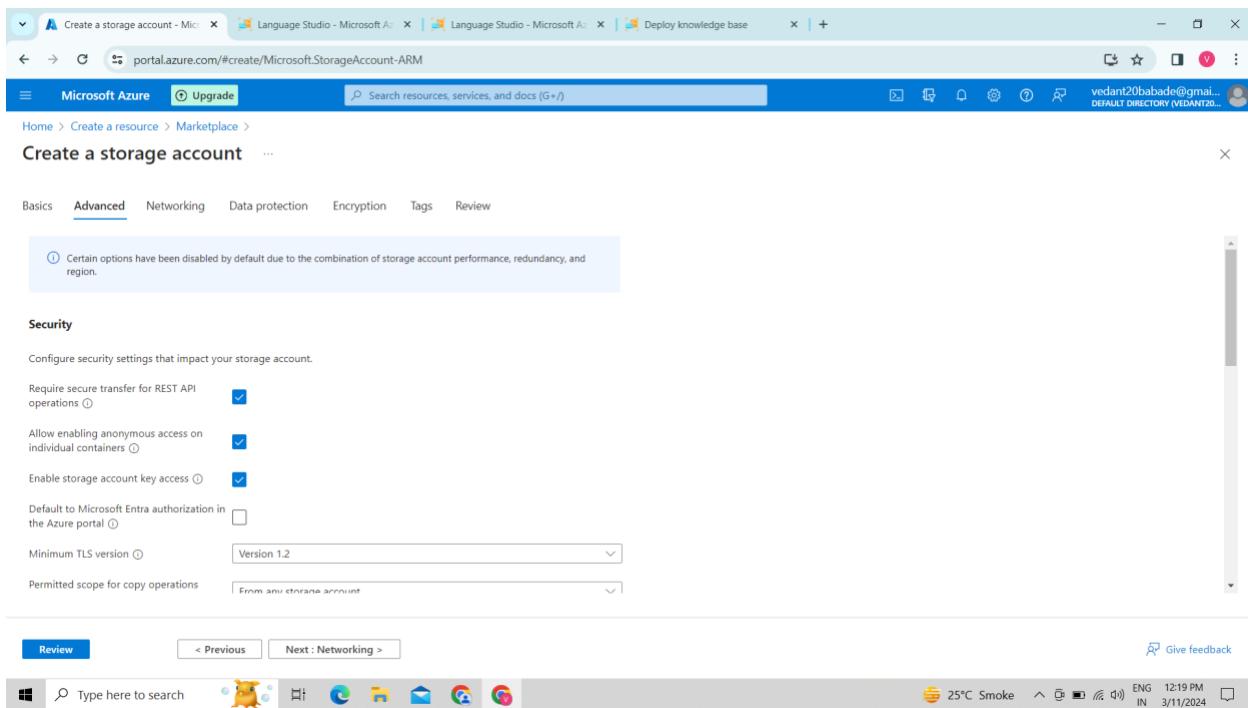
Give feedback

6.we selected performance as standard.



The screenshot shows the 'Create a storage account' wizard in the Microsoft Azure portal. The 'Basics' tab is selected. In the 'Instance details' section, the 'Storage account name' is 's2vstorage', 'Region' is '(US) East US', and 'Performance' is set to 'Standard: Recommended for most scenarios (general-purpose v2 account)'. Under 'Redundancy', 'Geo-redundant storage (GRS)' is selected, and the checkbox 'Make read access to data available in the event of regional unavailability' is checked. At the bottom, there are 'Review' and 'Next : Advanced >' buttons.

7.we allowed enabling anonymous access



The screenshot shows the 'Create a storage account' wizard in the Microsoft Azure portal. The 'Advanced' tab is selected. In the 'Security' section, 'Allow enabling anonymous access on individual containers' is checked. Other security options like 'Require secure transfer for REST API operations' and 'Enable storage account key access' are also checked. Below the security section, there are dropdown menus for 'Default to Microsoft Entra authorization in the Azure portal' (set to 'None') and 'Minimum TLS version' (set to 'Version 1.2'). The 'Permitted scope for copy operations' dropdown is set to 'From any storage account'. At the bottom, there are 'Review', '< Previous', and 'Next : Networking >' buttons.

Create a storage account - Microsoft Azure | Language Studio - Microsoft Azure | Language Studio - Microsoft Azure | Deploy knowledge base | portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure Upgrade Search resources, services, and docs (G+) Home > Create a resource > Marketplace > Create a storage account ...

Networking Data protection Encryption Tags Review

Network connectivity

You can connect to your storage account either publicly, via public IP addresses or service endpoints, or privately, using a private endpoint.

Network access *

Enable public access from all networks

Enable public access from selected virtual networks and IP addresses

Disable public access and use private access

Enabling public access from all networks might make this resource available publicly. Unless public access is required, we recommend using a more restricted access type. [Learn more](#)

Network routing

Determine how to route your traffic as it travels from the source to its Azure endpoint. Microsoft network routing is recommended for most customers.

Review < Previous Next : Data protection > Give feedback

Type here to search

Windows Start button, Taskbar icons (File Explorer, Edge, Mail, Google Chrome, File History), Network status (25°C, Smoke), System tray (ENG IN, 12:19 PM, 3/11/2024)

[Create a storage account - Microsoft Azure](#) [Language Studio - Microsoft Azure](#) [Language Studio - Microsoft Azure](#) [Deploy knowledge base](#)

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure [Upgrade](#)

Home > Create a resource > Marketplace > Create a storage account ...

Basics Advanced Networking **Data protection** Encryption Tags Review

Recovery

Protect your data from accidental or erroneous deletion or modification.

Enable point-in-time restore for containers
Use point-in-time restore to restore one or more containers to an earlier state. If point-in-time restore is enabled, then versioning, change feed, and blob soft delete must also be enabled. [Learn more](#)

Enable soft delete for blobs
Soft delete enables you to recover blobs that were previously marked for deletion, including blobs that were overwritten. [Learn more](#)
Days to retain deleted blobs:

Enable soft delete for containers
Soft delete enables you to recover containers that were previously marked for deletion. [Learn more](#)
Days to retain deleted containers:

Enable soft delete for file shares
Soft delete enables you to recover file shares that were previously marked for deletion. [Learn more](#)
Days to retain deleted file shares:

[Review](#) [< Previous](#) [Next : Encryption >](#) [Give feedback](#)

[Create a storage account - Microsoft Azure](#) [Language Studio - Microsoft Azure](#) [Language Studio - Microsoft Azure](#) [Deploy knowledge base](#)

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure [Upgrade](#)

Home > Create a resource > Marketplace > Create a storage account ...

Basics Advanced Networking Data protection **Encryption** Tags Review

Encryption type * Microsoft-managed keys (MMK) Customer-managed keys (CMK)

Enable support for customer-managed keys Blobs and files only All service types (blobs, files, tables, and queues)
⚠ This option cannot be changed after this storage account is created.

Enable infrastructure encryption

[Review](#) [< Previous](#) [Next : Tags >](#) [Give feedback](#)

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portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure [Upgrade](#)

Home > Create a resource > Marketplace > Create a storage account ...

Basics Advanced Networking Data protection Encryption Tags **Review**

Review

[Give feedback](#)

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portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure [Upgrade](#)

Home > Create a resource > Marketplace >

Create a storage account

... [Edit](#) [Cancel](#)

Basics Advanced Networking Data protection Encryption Tags Review

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name	Value	Resource
<input type="text"/>	<input type="text"/>	All resources selected Edit

[Review](#) [< Previous](#) [Next : Review >](#) [Give feedback](#)

Type here to search        

25°C Smoke ENG IN 12:20 PM 3/11/2024

A Create a storage account - Microsoft Azure Language Studio - Microsoft Azure Language Studio - Microsoft Azure Deploy knowledge base

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure [Upgrade](#)

vedant20babade@gmail.com DEFAULT DIRECTORY (VEDANT20...)

Home > Create a resource > Marketplace >

Create a storage account

... [Edit](#) [Cancel](#)

Basics Advanced Networking Data protection Encryption Tags Review

Basics

Subscription	Free Trial
Resource Group	s2vgym
Location	eastus
Storage account name	s2vstorage
Deployment model	Resource manager
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

Advanced

Enable hierarchical namespace	Disabled
Enable network file system v3	Disabled
Allow cross-tenant replication	Disabled
Access tier	Hot
Enable SFTP	Disabled

[Create](#) [< Previous](#) [Next >](#) [Download a template for automation](#) [Give feedback](#)

Type here to search        

25°C Smoke ENG IN 12:20 PM 3/11/2024

8.The storage is created

The screenshot shows the Microsoft Azure Storage Overview page for the resource group s2vgym. The deployment is marked as complete. Deployment details include the name s2vstorage_1710139822734, subscription Free Trial, and resource group s2vgym. The start time was 3/11/2024, 12:20:26 PM, with a correlation ID of a4a45bf0-fecf-4ca7-af17-85a027eaef0d. The storage account page displays the following details:

Essentials	Properties
Resource group (move) : s2vgym	Performance : Standard
Location : eastus	Replication : Read-access geo-redundant storage (RA-GRS)
Primary/Secondary Location : Primary: East US, Secondary: West US	Account kind : StorageV2 (general purpose v2)
Subscription (move) : Free Trial	Provisioning state : Succeeded
Subscription ID : 2beff015-fc3f-446b-965c-857bea588d60	Created : 3/11/2024, 12:20:31 PM
Disk state : Primary: Available, Secondary: Available	

Blob service

Hierarchical namespace	Disabled
Default access tier	Hot
Blob anonymous access	Enabled
Blob soft delete	Enabled (7 days)
Container soft delete	Enabled (7 days)
Versioning	Disabled
Change feed	Disabled

Security

Require secure transfer for REST API operations	Enabled
Storage account key access	Enabled
Minimum TLS version	Version 1.2
Infrastructure encryption	Disabled

Networking

Allow access from	All networks
-------------------	--------------

9. Then we created container

Microsoft Azure | Upgrade | portal.azure.com/#@vedant20babade@gmail.com

Home > s2vstorage_1710139822734 | Overview > s2vstorage

s2vstorage | Containers

Storage account

+ Container | Change access level | Restore containers | Refresh | Delete | Give feedback

Search resources, services, and docs (G+)

Search containers by prefix

Show deleted containers

Name	Last modified	Anonymous access level	Lease state
\$logs	3/11/2024, 12:20:55 PM	Private	Available

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Data storage

Containers

File shares

Queues

Tables

Security + networking

Networking

Front Door and CDN

Type here to search

25°C Smoke ENG IN 12:21 PM 3/11/2024

New container - Microsoft Azure | Language Studio - Microsoft Azure | Language Studio - Microsoft Azure | Deploy knowledge base

Home > s2vstorage_1710139822734 | Overview > s2vstorage

s2vstorage | Containers

Storage account

+ Container | Change access level | Restore containers | Refresh | Delete | Give feedback

Search resources, services, and docs (G+)

Search containers by prefix

Show deleted containers

Name	Last modified	Anonymous access level
\$logs	3/11/2024, 12:20:55 PM	Private

New container

Name * s2vgymcontainer

Anonymous access level Private (no anonymous access)

Advanced

Create | Give feedback

Type here to search

25°C Smoke ENG IN 12:22 PM 3/11/2024

Microsoft Azure

Home > s2vstorage_1710139822734 | Overview > s2vstorage | Containers >

s2vgymcontainer

Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Metadata

Authentication method: Access key (Switch to Microsoft Entra user account)

Location: s2vgymcontainer

Search blobs by prefix (case-sensitive)

Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots Create snapshot Give feedback

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
No results						

https://portal.azure.com/#

Type here to search

25°C Smoke ENG IN 12:22 PM 3/11/2024

10. we uploaded our excel file in it.

Microsoft Azure

Home > s2vstorage_1710139822734 | Overview > s2vstorage | Containers >

s2vgymcontainer

Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Metadata

Authentication method: Access key (Switch to Microsoft Entra user account)

Location: s2vgymcontainer

Search blobs by prefix (case-sensitive)

Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots Create snapshot Give feedback

Upload blob

Drag and drop files here or Browse for files

Overwrite if files already exist

Advanced

Upload

Give feedback

https://portal.azure.com/#

Type here to search

25°C Smoke ENG IN 12:22 PM 3/11/2024

11. we browsed our file .

The screenshot shows the Azure Storage Container Overview page for the 's2vgymcontainer' container. A success message 'Successfully uploaded blob(s)' is displayed. The table lists one blob named 'projectqa.xlsx' with details: Modified: 3/11/2024, 12:22:42 ..., Access tier: Hot (Inferred), Archive status: Not yet archived, Blob type: Block blob, Size: 10.17 KB, Lease state: Available.

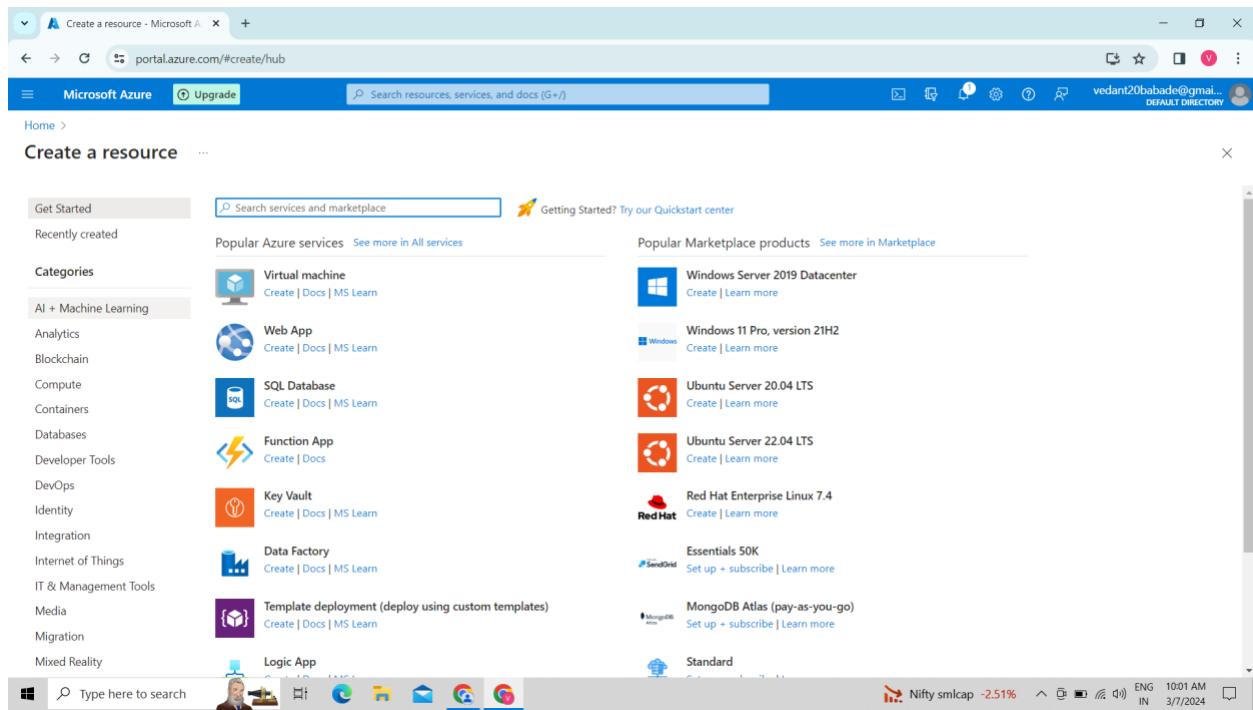
Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
projectqa.xlsx	3/11/2024, 12:22:42 ...	Hot (Inferred)	Not yet archived	Block blob	10.17 KB	Available



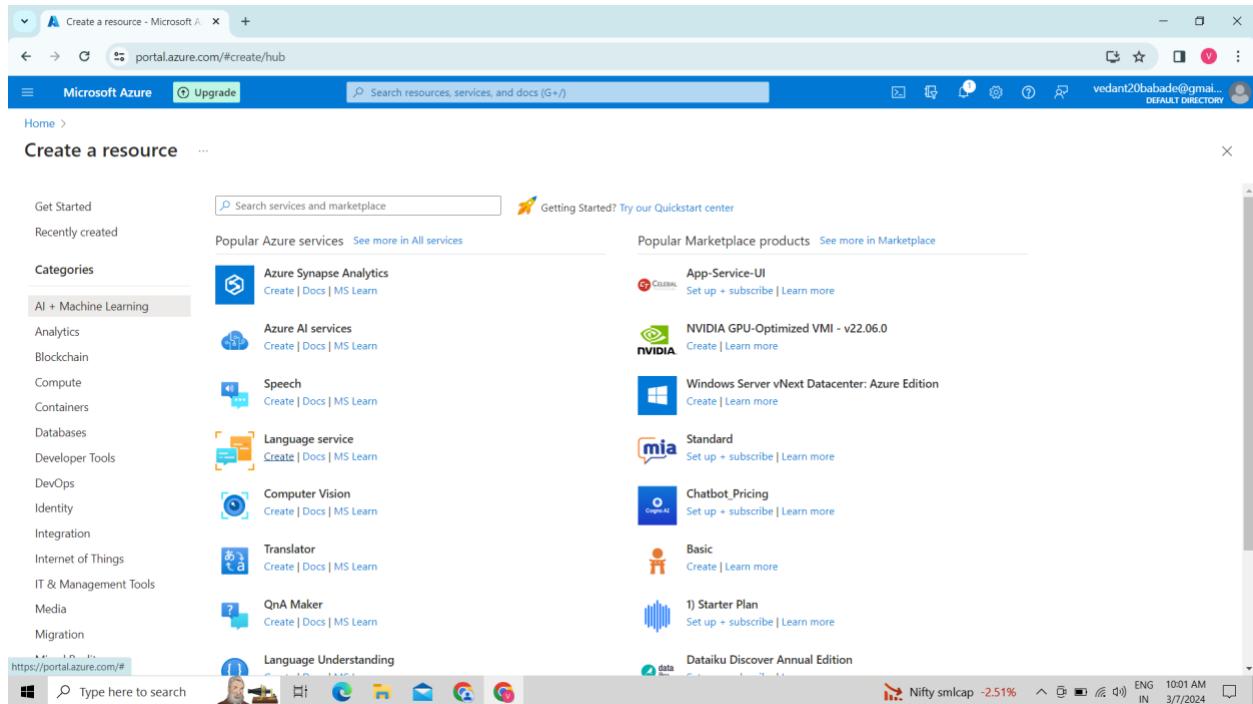
The screenshot shows the Azure Storage Container Overview page for the 's2vgymcontainer' container. The table lists one blob named 'projectqa.xlsx' with details: Modified: 3/11/2024, 12:22:42 ..., Access tier: Hot (Inferred), Archive status: Not yet archived, Blob type: Block blob, Size: 10.17 KB, Lease state: Available.

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
projectqa.xlsx	3/11/2024, 12:22:42 ...	Hot (Inferred)	Not yet archived	Block blob	10.17 KB	Available

12. we used AI ML services of azure



13. we selected language service



14. we selected custom question answering.

The screenshot shows the Microsoft Azure portal with the URL portal.azure.com/#create/Microsoft.CognitiveServicesTextAnalytics. The page title is "Select additional features - Microsoft Azure". The top navigation bar includes "Home", "Create a resource", and the user "vedanti20babade@gmail...". The main content area is titled "Select additional features". It lists "Default features" (Sentiment analysis, Key phrase extraction, Pre-built question answering, Conversational language understanding, Named entity recognition, Text Summarization, Text analytics for Health) and "Custom features" (Custom question answering, Custom text classification, Custom named entity recognition, Custom summarization, Custom sentiment analysis & Custom Text Analytics for health). Both "Custom question answering" and "Custom text classification" are checked. A "Select" button is present under each feature. At the bottom, there is a "Continue to create your resource" button.

15. created a language service

The screenshot shows the Microsoft Azure portal with the URL portal.azure.com/#view/Microsoft_Azure_ProjectOxford/TextAnalyticsCreate_Dx/searchEnabled~/true/storageEnabled~/false/dxParameters~/%7B%22searchEnabled%22:true%2C%22storageEnable.... The page title is "Create Language - Microsoft Azure". The top navigation bar includes "Home", "Create a resource", and the user "vedanti20babade@gmail...". The main content area is titled "Create Language". A warning message says "Changes on this step may reset later selections you have made. Review all options prior to deployment." Below it, the "Basics" tab is selected, showing "Project Details" (Subscription: Free Trial, Resource group: (New) s2vgym), "Instance Details" (Region: East US, Name: S2Vgymlanguage, Pricing tier: Free F0 (5K Transactions per 30 days)), and a "Review + create" button. At the bottom, there are "Previous", "Next", and "Review + create" buttons, along with a "Give feedback" link. The taskbar at the bottom shows the date as 3/7/2024.

16. we selected pricing tier as free.

A screenshot of the Microsoft Azure portal showing the 'Create Language' wizard. The current step is 'Select additional features'. In the 'Azure search pricing tier' dropdown, 'Free F (3 Indexes)' is selected. Below this, there's a 'Responsible AI Notice' section with a checkbox for accepting terms. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons.

17.The status was on.

A screenshot of the Microsoft Azure portal showing the 'Create Language' wizard. The current step is 'Identity'. The 'Status' dropdown is set to 'On'. Below this, there's a 'User assigned managed identity' section with a table showing one row. A note at the bottom says 'No user assigned managed identities assigned to this resource. Select 'Add' to add more.' At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons.

18. Finally created.

Create Language

Basics Network Identity Tags Review + create

View automation template

Basics

Subscription	Free Trial
Resource group	s2vgym
Region	East US
Name	S2Vgymlanguage
Pricing tier	Free F0 (5K Transactions per 30 days)
Azure search region	East US
Azure search pricing tier	Free F (3 Indexes)

Identity

Identity type	SystemAssigned
---------------	----------------

Previous Next Create

Give feedback

TextAnalyticsCreate-20240307100634 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview

Your deployment is complete

Deployment name : TextAnalyticsCreate-20240307100634
Subscription : Free Trial
Resource group : s2vgym

Start time : 3/7/2024, 10:10:26 AM
Correlation ID : cf949bb8-efe2-4ce4-968c-2823105644a2

Deployment details

Next steps

Go to resource group

Cost management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >

Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >

Free Microsoft tutorials
Start learning today >

Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
Find an Azure expert >

Type here to search

25°C Smoke ENG IN 10:10 AM 3/7/2024

19. This is our language.

The screenshot shows the Microsoft Azure portal interface. The left sidebar lists various service categories like Overview, Activity log, Access control (IAM), Tags, and Diagnose and solve problems. Under Resource Management, there are sections for Features, Keys and Endpoint, Encryption, Pricing tier, Networking, Identity, Cost analysis, Properties, and Locks. Monitoring includes Alerts. The main content area displays a deployment success message: "Deployment succeeded Deployment 'TextAnalyticsCreate-20240307100634' to resource group 's2vgym' was successful." Below this, there are buttons to "Pin to dashboard..." and "Go to resource group". The bottom status bar shows system information: 25°C, Smoke, ENG IN, 10:12 AM, and the date 3/7/2024.

20. Here we created our language studio

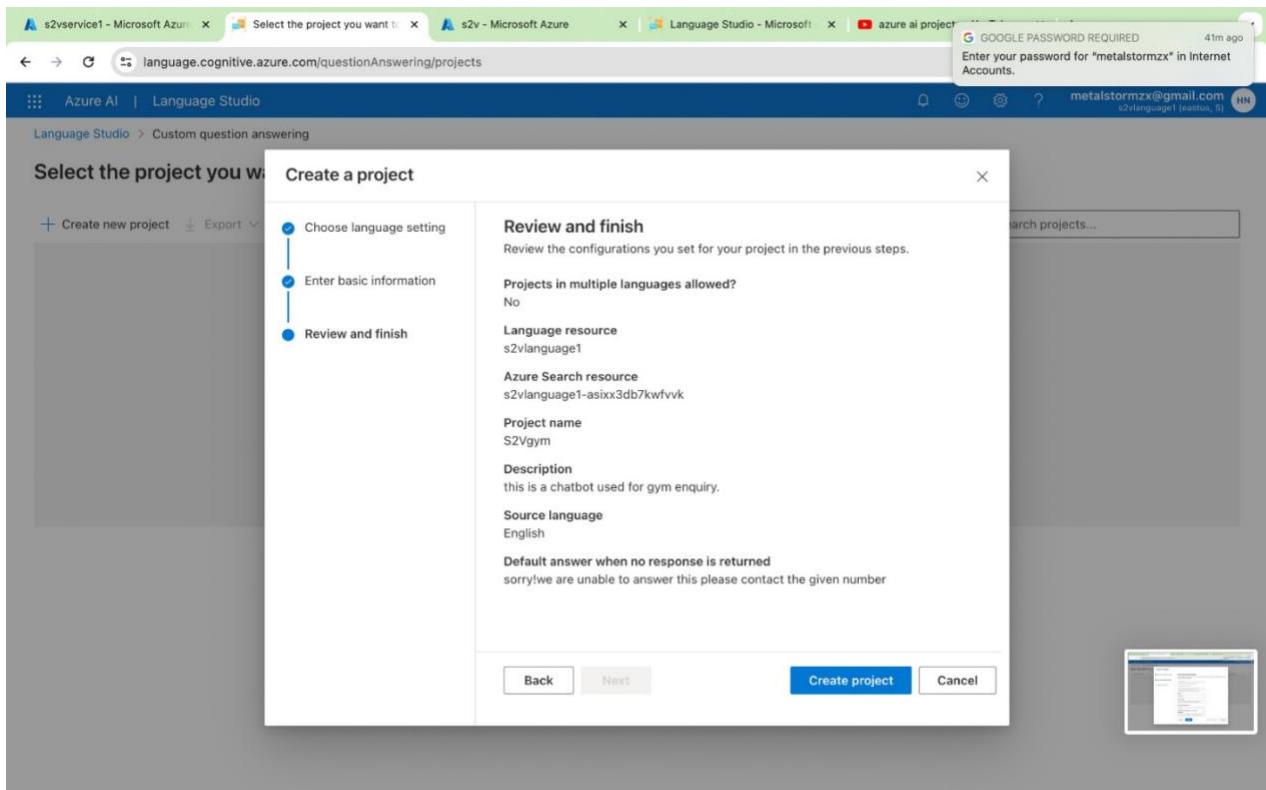
This screenshot shows the same Microsoft Azure portal interface as the previous one, but with the "Get Started" tab selected in the navigation bar. The main content area features a "Get Started with Language service" section. It includes three main steps: "Discover" (described as running the service in the cloud or on servers), "Develop" (described as building apps with natural language understanding using sample code), and "Deploy" (described as choosing hosting options and monitoring usage). Below these, there is a "Language Studio" section with a brief description. The bottom status bar remains the same as in the previous screenshot.

21. we signed in

The screenshot shows the Azure Language Studio home page. At the top right, there is a "Sign in" button. Below it, a call-to-action box says "Sign in with Azure to get full access to Language Studio". It also includes a link to "Learn more about Azure account" and a button to "Sign up and get free \$200 Azure Credit". The main content area features a large "Get started with Azure Cognitive Services for Language" heading with a sub-subtitle: "Use our Natural Language Processing (NLP) features to analyze your textual data using state-of-the-art pre-configured AI models or customize your own models to fit your scenario." Below this, there is a network graph icon. A navigation bar below the heading includes links for "Featured", "Extract information", "Classify text", "Understand questions and conversational language", "Summarize text", and "Translate text". Under "Featured", there are three cards: "Post call transcription and analytics" (Preview), "Summarize information", and "Document translation" (Preview). Each card has a small image and a brief description. The bottom of the screen shows the Windows taskbar with various pinned icons.

22. we created a new project.

The screenshot shows the "Create a project" dialog box from the Azure Language Studio. The title of the dialog is "Create a project". On the left, there is a vertical navigation menu with three options: "Choose language setting" (selected), "Enter basic information", and "Review and finish". The main content area starts with a section titled "Choose language setting for resource s2vlanguage1." It explains that users can permanently set whether or not they can create projects in multiple languages using their Azure resource s2vlanguage1. There are two radio button options: "I want to select the language when I create a project in this resource" and "I want to set the language for all projects created in this resource". The second option is selected. Below this, there is a dropdown menu labeled "Select the language for all projects*" with "English" selected. At the bottom of the dialog, there are "Back", "Next", "Create project", and "Cancel" buttons. The background of the dialog is semi-transparent, showing the "Custom question answering" page of the Language Studio.



23. We can add file by clicking on manage source

The screenshot shows a Microsoft Edge browser window with multiple tabs open. The active tab is titled 'Manage sources' and has the URL 'language.cognitive.azure.com/questionAnswering/projects/S2Vgym/manageSources'. The browser interface includes standard controls like back, forward, search, and refresh.

The main content area is titled 'Manage sources' and displays a list of sources. There are three buttons at the top left: '+ Add source', 'Edit name', and 'Delete'. On the right, there are filters for 'Source name', 'Unstructured', and 'Source type'. The list contains one item:

Source name	Unstructured	Source type
projectbot	No	file

The browser's address bar shows the full URL: 'language.cognitive.azure.com/questionAnswering/projects/S2Vgym/manageSources'. The status bar at the bottom of the screen displays system information: '27°C Haze', 'ENG IN', '1039 AM', and the date '3/13/2024'.

24. We have uploaded our knowledge base of bot.

The screenshot shows the 'Manage sources' interface in the Azure AI Language Studio. A modal dialog box titled 'Add files' is open, prompting the user to add up to 10 files at a time. The dialog includes fields for 'Source name' (set to 'projectqa.xlsx') and 'File name' (set to 'projectqa.xlsx'). The 'Classify file structure' dropdown is set to 'Auto-detect'. At the bottom of the dialog are 'Add all' and 'Cancel' buttons. The background shows a list of items under 'Manage sources', with one item named 'projectqa.xlsx' visible. The browser address bar shows the URL: language.cognitive.azure.com/questionAnswering/projects/S2Vgym/manageSources.

25. Here we edited our database

The image shows two screenshots of the Microsoft Language Studio interface.

Screenshot 1: Manage sources

This screenshot shows the 'Manage sources' page. It lists a single source named 'projectqa.xlsx'. The source is categorized as 'Unstructured' and 'file'. There are buttons for 'Edit name', 'Refresh URL', and 'Delete'.

Source name	Unstructured	Source type
projectbot	No	file

Screenshot 2: Edit knowledge base

This screenshot shows the 'Edit knowledge base' page for the 'projectqa.xlsx' source. It displays a list of question-answer pairs:

- Hello .
- Answer
- Hey ! How may I help you ?
- Alternate questions (1)
- Follow up prompts (0)
- Metadata (0)

On the left, there is a sidebar for 'Question answer pairs (31)' and 'Deploy knowledge base'.

26. Here we deployed our knowledge base

The screenshot shows the 'Deploy knowledge base' page in the Azure AI Language Studio. At the top, there are three tabs: 'languageproject2-bot - Microsoft Edge', '(7) WhatsApp', and 'Language Studio - Microsoft Edge'. The current tab is 'Deploy knowledge base'. The URL in the address bar is 'language.cognitive.azure.com/questionAnswering/projects/S2Vgym/deploy'. The page title is 'Deploy knowledge base'. Below the title, it says 'Deploy knowledge base and create a bot in a few clicks.' There are two buttons: 'Deploy' and 'Get prediction URL'. A green message box states 'Your knowledge base is now deployed. You can get your prediction URL or create a bot.' Below this, there's a 'Knowledge base status' section with the following details:

State	Deployed	Resource
○	○	languageproject2
Deployment Date:	3/11/2024	Location:
Deployment Time:	12:15:51 PM	Tier:

Next steps: Create a bot

Step 1: [Read the documentation](#) to learn more about creating bots.

Step 2: Go to Azure to create a bot.

[Create a bot](#)

The screenshot shows the same 'Deploy knowledge base' page as the previous one, but with a modal dialog box in the foreground titled 'Deploy this project?'. The dialog contains the text 'Deploy S2Vgym? Once deployed you can integrate it within a bot.' with two buttons: 'Deploy' and 'Cancel'. The background page remains mostly the same, showing the deployment status and next steps.

27. now we created our bot.

The screenshot shows the Microsoft Azure portal interface. The title bar indicates the user is on the 'Custom deployment' page for a project named 'languageproject2-bot'. The main content area is titled 'Custom deployment' and shows the 'Basics' tab selected. Under 'Template', it says 'Customized template' with 4 resources. There are buttons for 'Edit template', 'Edit parameters', and 'Visualize'. The 'Project details' section shows a warning about template source trustworthiness. It lists 'Subscription' as 'Free Trial' and 'Resource group' as 's2vgym'. The 'Instance details' section shows 'Resource group location' as '(US) East US'. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons. The taskbar at the bottom includes icons for File Explorer, Task View, Edge browser, Mail, Google Sheets, Google Slides, Google Docs, and Microsoft Word.

This screenshot continues from the previous one, showing the 'Custom deployment' step. The 'Resource group location' is still set to '(US) East US'. The 'Azure Bot' section shows 'Bot handle' as 'languageproject2-bot4'. The 'Choose your pricing tier' section has 'Standard' selected. The 'Microsoft App ID' section indicates 'Add user assigned identities to grant the resource access to Azure Bot resource.' The 'Creation type' section shows 'Create new User-assigned managed identity' selected. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons. The taskbar at the bottom includes icons for File Explorer, Task View, Edge browser, Mail, Google Sheets, Google Slides, Google Docs, and Microsoft Word.

Custom deployment

Deploy from a custom template

New! Deployment Stacks let you manage the lifecycle of your deployments. Try it now →

Basics Web App Review + create

App Service

App name * langaugeproject2-bot azurewebsites.net

SDK language selection * C#

App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app.

Learn more

Creation type Create new app service plan Use existing app service plan

The pricing tier currently defaults to 'S1 Standard'. It can be modified by visiting the app service plan resource page once the resource has been created, or you can choose an existing plan in your subscription.

App Settings

Previous Next Review + create

28. we selected 1st key pair from language service.

langaugeproject2 | Keys and Endpoint

Language

Search

Regenerate Key1 Regenerate Key2

These keys are used to access your Azure AI services API. Do not share your keys. Store them securely—for example, using Azure Key Vault. We also recommend regenerating these keys regularly. Only one key is necessary to make an API call. When regenerating the first key, you can use the second key for continued access to the service.

Show Keys

KEY 1
Copied

KEY 2

Location/Region eastus

Endpoint https://langaugeproject2.cognitiveservices.azure.com/

29. so here we created our bot

The screenshot shows the Microsoft Azure portal interface for creating a custom deployment. The top navigation bar includes tabs for 'langaugeproject2 - Microsoft App', '(8) WhatsApp', 'Language Studio - Microsoft App', 'Deploy knowledge base', and 'Custom deployment - Microsoft App'. The main content area is titled 'Custom deployment' and shows 'Deploy from a custom template'. It contains sections for 'App Settings' (Language Resource Key: '*****', Language project name: 'S2Vgym', Language service endpoint hostname: 'https://langaugeproject2.cognitiveservices.azure.com') and 'Language service details' (Subscription Id: '/subscriptions/8d5ceb22-44c7-4367-bfc6-07378096e055', Resource Group Name: 's2vgym', Account Name: 'langaugeproject2'). At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons.

The screenshot shows the Microsoft Azure portal interface for creating a 'Web App' within a custom template. The top navigation bar is identical to the previous screenshot. The main content area is titled 'Custom deployment' and shows 'Deploy from a custom template'. It has tabs for 'Basics' (selected), 'Web App' (underlined), and 'Review + create'. Under 'Web App', the 'App Service' section shows 'App name *' set to 'langaugeproject2-bot' (with '.azurewebsites.net' suffix) and 'SDK language selection *' set to 'C#'. Below this is the 'App Service Plan' section, which notes that the pricing tier currently defaults to 'S1 Standard'. It includes options for 'Create new app service plan' (radio button selected) and 'Use existing app service plan'. A note at the bottom states: 'The pricing tier currently defaults to 'S1 Standard'. It can be modified by visiting the app service plan resource page once the resource has been created, or you can choose an existing plan in your subscription.' At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons.

30. so this is our bot profile.

The screenshot shows the Azure portal interface with the URL <https://portal.azure.com/#@vedant20babade@gmail.onmicrosoft.com/resource/subscriptions/2beff015-fc3f-446b-965c-857bea588d60/resourceGroups/s2vgym/providers/Microsoft.BotService/botServices/langaugeproject2-bot>. The page title is "langaugeproject2-bot". The left sidebar shows navigation options like Overview, Activity log, Access control (IAM), Tags, Settings (selected), Bot profile, Configuration, Channels, Pricing, Test in Web Chat, Encryption, Networking, Properties, Locks, Monitoring, Conversational analytics, and Alerts. The main content area displays the bot's configuration details under the "Essentials" section, including Resource group (s2vgym), Subscription (Free Trial), Subscription ID (2beff015-fc3f-446b-965c-857bea588d60), and Tags (WebAppLinked : true). It also features a "Build enterprise-grade conversational AI" section with links to get started with the Bot Framework, test and refine your bot, and publish to Azure. The bottom right corner shows system status: 27°C Haze, ENG IN, 10:54 AM, 3/13/2024.

The screenshot shows the "Bot profile" settings page for the same bot. The left sidebar has "Bot profile" selected. The main form allows setting the icon, display name (set to "langaugeproject2-bot"), bot handle (set to "langaugeproject2-bot"), and description (empty). A note at the top states: "Please allow 30 minutes for changes to bot settings to be reflected in all regions. Changes to icons may take up to 24 hours." At the bottom are "Apply" and "Discard changes" buttons. The bottom right corner shows system status: 27°C Haze, ENG IN, 10:54 AM, 3/13/2024.

31. we can see our channels, whose status should be healthy to run the bot.

The screenshot shows the Azure portal interface for managing a bot. The main title is "langaugeproject2-bot | Channels". On the left, there's a sidebar with various settings and monitoring tabs. The "Channels" tab is selected. The main content area displays two channels: "Direct Line" and "Web Chat", both listed as "Healthy". Below this, there's a section titled "Available Channels" with options like Alexa, Communication Services - Chat, and Direct Line Speech.

32. We hosted our bot on web browser

The screenshot shows the "Web Chat" configuration page for the bot. The main title is "langaugeproject2-bot | Web Chat". The sidebar includes the "Channels" tab, which is currently selected. The main content area contains instructions for configuring communication between the bot and end users via Web Chat. Below this, there's a table titled "Sites" where users can configure sites that bind with the bot for the Web Chat channel. A single row is shown for "Default Site", with "Site name" set to "Default Site", "Enabled" checked, "Authentication method" set to "Secrets", and "Preview controls" set to "Enable Preview".

langaugeproject2-bot | Web Chat

Configure communication between your bot and end users with Web Chat. The following instructions will help you bind your bot to a website.

Sites

Configure the sites that bind with the bot for Web Chat channel.

Site name	Enabled	Authentication method	Preview controls
Default Site	Yes	Secrets	Enable Preview

Site name
Site name is for your reference and you can change it anytime.

Default Site Enabled

Secret keys

Embedded code

The following instructions will help with how to [embed the Web Chat control in your website](#). More advanced customization options could be found in [Bot Framework Web Chat](#).

```
<iframe src='https://webchat.botframework.com/embed/langaugeproject2-bot?s=YOUR_SECRET_HERE' style='min-width: 400px; width: 100%; min-height: 500px;'></iframe>
```

Preview controls

Enabling Web Chat Preview on this site will give users of your bot a preview version of the Bot Framework Web Chat control. The preview version includes new, beta features that have not yet been officially released.

Apply Cancel

Type here to search

33.we copied and paste secret key in notepad

s2v - Notepad

File Edit Format View Help

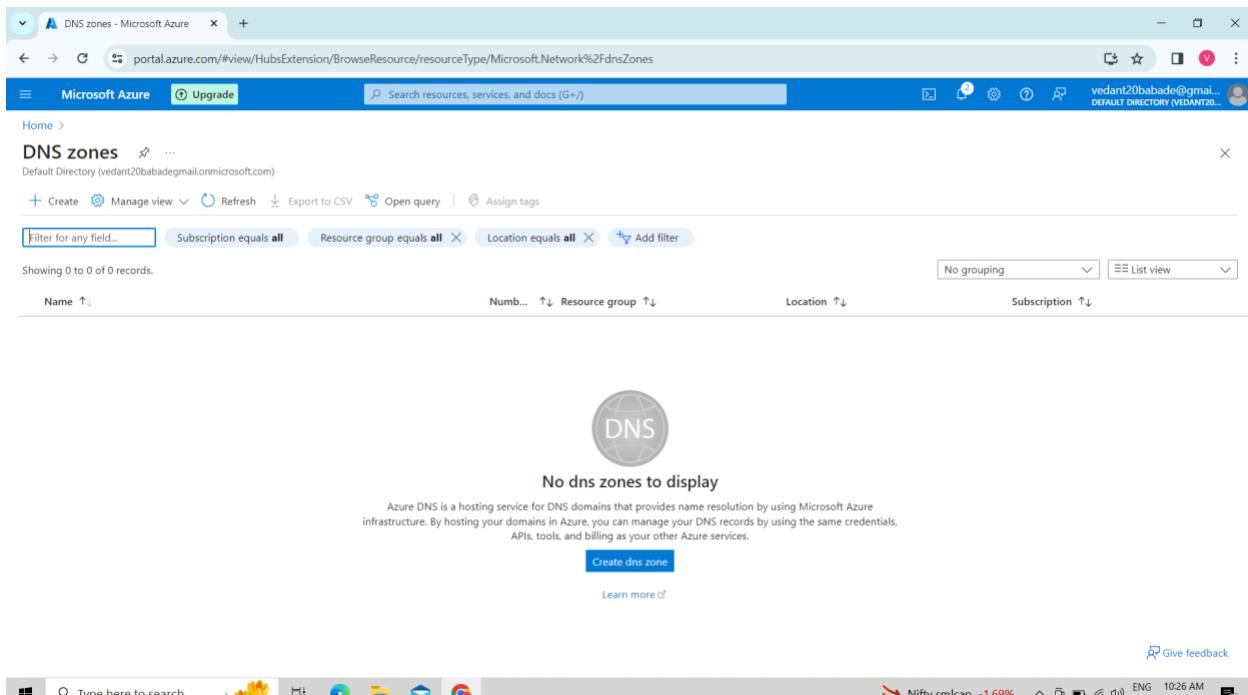
```
<iframe src='https://webchat.botframework.com/embed/langaugeproject2-bot?s=8fQV3pnqtFQ.sICCrk1jMEfhN-lUChCQkTjUyzNBA9G-miQHucc4k' style='min-width: 400px; width: 100%; min-height: 500px;'></iframe>
```

Type here to search

Ln 1, Col 157 100% Windows (CRLF) UTF-8
Nifty midcap -1.33% ENG 10:02 AM IN 3/13/2024

34. This is our HTML file.

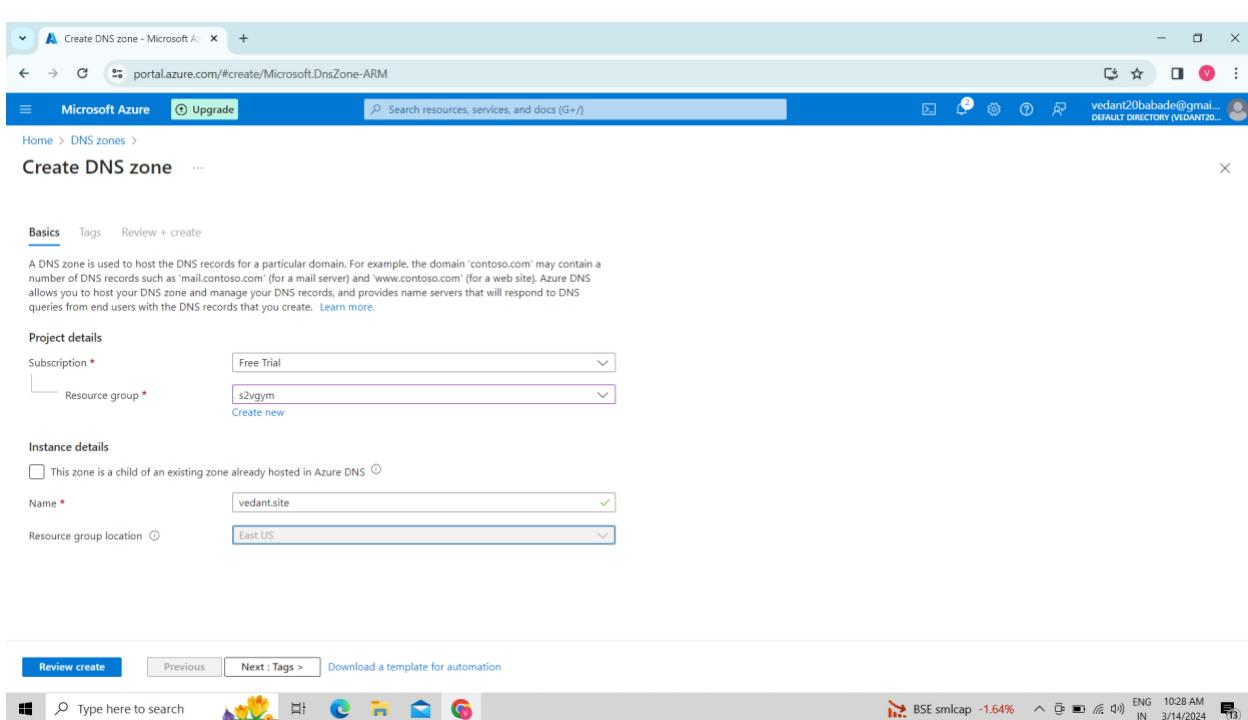
35. Create a DNS page:-



The screenshot shows the Microsoft Azure portal interface for managing DNS zones. The title bar reads "DNS zones - Microsoft Azure". The address bar shows the URL "portal.azure.com/#view/HubsExtension/BrowseResource/resourceType/Microsoft.Network%2FdnsZones". The top navigation bar includes "Microsoft Azure", "Upgrade", a search bar, and user information "vedant2babade@gmail... DEFAULT DIRECTORY (VEDANT2...)".

The main content area is titled "DNS zones" with a "No dns zones to display" message. It features a large "DNS" icon and a brief description: "Azure DNS is a hosting service for DNS domains that provides name resolution by using Microsoft Azure infrastructure. By hosting your domains in Azure, you can manage your DNS records by using the same credentials, APIs, tools, and billing as your other Azure services." Below this is a "Create dns zone" button and a "Learn more" link.

At the bottom of the browser window, the taskbar shows system icons and the date/time "3/14/2024 10:26 AM".



The screenshot shows the "Create DNS zone" wizard in progress, specifically the "Basics" step. The title bar reads "Create DNS zone - Microsoft Azure". The address bar shows "portal.azure.com/#create/Microsoft.DnsZone-ARM". The top navigation bar includes "Microsoft Azure", "Upgrade", a search bar, and user information "vedant2babade@gmail... DEFAULT DIRECTORY (VEDANT2...)".

The main content area is titled "Create DNS zone" and shows the "Basics" tab selected. It contains sections for "Project details" (Subscription: Free Trial, Resource group: s2vgym) and "Instance details" (Name: vedant.site, Resource group location: East US). A note states: "A DNS zone is used to host the DNS records for a particular domain. For example, the domain 'contoso.com' may contain a number of DNS records such as 'mail.contoso.com' (for a mail server) and 'www.contoso.com' (for a web site). Azure DNS allows you to host your DNS zone and manage your DNS records, and provides name servers that will respond to DNS queries from end users with the DNS records that you create." A "Learn more" link is provided.

At the bottom of the browser window, the taskbar shows system icons and the date/time "3/14/2024 10:26 AM".

Create DNS zone - Microsoft Azure

portal.azure.com/#create/Microsoft.DnsZone-ARM

Microsoft Azure Upgrade Search resources, services, and docs (G+) Home > DNS zones > Create DNS zone ...

Basics Tags Review + create

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about how to use tags to organize your Azure Resources](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name Value

Review create Previous Next : Review + create Download a template for automation

Type here to search Construction on S. Vi... ENG 10:28 AM IN 3/14/2024

Create DNS zone - Microsoft Azure

portal.azure.com/#create/Microsoft.DnsZone-ARM

Microsoft Azure Upgrade Search resources, services, and docs (G+) Home > DNS zones > Create DNS zone ...

Validation passed

Basics Tags Review + create

Summary

Basics

Subscription	Free Trial
Resource group	s2vgym
Resource group location	eastus
Name	vedant.site

Review + create

Create Previous Next Download a template for automation

Type here to search Construction on S. Vi... ENG 10:28 AM IN 3/14/2024

The screenshot shows the Microsoft Azure portal with the title "Microsoft.DnsZone-20240314045848027 | Overview". The main message is "Your deployment is complete". Deployment details include:

- Deployment name: Microsoft.DnsZone-20240314045848027
- Subscription: Free Trial
- Resource group: s2vgym

Deployment status: Deployment succeeded. Deployment 'Microsoft.DnsZone-20240314045848027' to resource group 's2vgym' was successful.

Next steps: Go to resource, Pin to dashboard.

Right sidebar links:

- Cost management: Get notified to stay within your budget and prevent unexpected charges on your bill. Set up cost alerts >
- Microsoft Defender for Cloud: Secure your apps and infrastructure. Go to Microsoft Defender for Cloud >
- Free Microsoft tutorials: Start learning today >
- Work with an expert: Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. Find an Azure expert >

Taskbar at the bottom: Type here to search, Construction on S. Vi..., ENG IN 10:29 AM 3/14/2024.

The screenshot shows the Microsoft Azure portal with the title "vedant.site - Microsoft Azure | Overview". The left sidebar shows the navigation menu for the DNS zone.

Essentials section:

- Resource group: s2vgym
- Subscription: Free Trial
- Subscription ID: 2beff015-fc3f-446b-965c-857bea588d60

Record sets table:

Name	Type	TTL	Value	Alias resource type	Alias target
@	NS	172800	ns1-35.azure-dns.com. ns2-35.azure-dns.net. ns3-35.azure-dns.org. ns4-35.azure-dns.info.		...
@	SOA	3600	Email: azuredns-hostmaster... Host: ns1-35.azure-dns.com. Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1		...

Taskbar at the bottom: Type here to search, Construction on S. Vi..., ENG IN 10:29 AM 3/14/2024.

36. Record set:

Screenshot of the Microsoft Azure portal showing the DNS / Nameservers blade for the 'vedant.site' DNS zone. The 'Essentials' section displays resource group (s2vgym), subscription (Free Trial), and subscription ID (2beff015-fc3f-446b-965c-857bea588d60). The 'Tags' section shows 'Add tags'. The 'Search record sets' table lists two entries:

Name	Type	TTL	Value	Alias resource type	Alias target
@	NS	172800	ns1-35.azure-dns.com. ns2-35.azure-dns.net. ns3-35.azure-dns.org. ns4-35.azure-dns.info.		...
@	SOA	3600	Email: azuredns-hostmaster... Host: ns1-35.azure-dns.com. Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1		...

Screenshot of the Microsoft Azure portal showing the DNS / Nameservers blade for the 'vedant.site' DNS zone. The 'Essentials' section displays resource group (s2vgym), subscription (Free Trial), and subscription ID (2beff015-fc3f-446b-965c-857bea588d60). The 'Tags' section shows 'Add tags'. The 'Search record sets' table lists two entries:

Name	Type	TTL	Value	Alias resource type	Alias target
@	NS	172800	ns1-35.azure-dns.com. ns2-35.azure-dns.net. ns3-35.azure-dns.org. ns4-35.azure-dns.info.		...
@	SOA	3600	Email: azuredns-hostmaster... Host: ns1-35.azure-dns.com. Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1		...

The screenshot shows the Microsoft Azure portal interface for managing a DNS zone named 'vedant.site'. On the left, there's a navigation sidebar with various settings like Overview, Activity log, Access control (IAM), Tags, and Diagnose and solve problems. The main area displays the 'Essentials' section of the 'Record set' blade. A table lists existing records: one NS record for '@' with TTL 172800 and Value ns1-35.azure-dns.com; and one SOA record for '@' with TTL 3600 and Value ns1-35.azure-dns.net. A modal window titled 'Add record set' is open, showing the configuration for a new CNAME record. The 'Name' field is set to 'www', the 'Type' is 'CNAME – Link your subdomain to another record', and the 'Alias' field contains '172.191.62.94'. The 'OK' button at the bottom right of the modal is highlighted.

37.Change Domain name server:-

The screenshot shows the Hostinger domain management interface for the domain 'vedant.site'. The top navigation bar includes links for Home, Websites, Emails, Domains (which is the active tab), VPS, and Billing. Below the navigation, there's a section for managing nameservers. It shows four input fields: 'ns1-35.azure-dns.com' (selected), 'ns2-35.azure-dns.net', 'ns3-35.azure-dns.org', and 'ns4-35.azure-dns.info'. The 'ns4-35.azure-dns.info' field is currently selected. At the bottom of this section are 'Save' and 'Cancel' buttons. Below this, a 'Manage DNS records' section provides instructions for managing domain behavior, noting that the domain is not pointing to Hostinger. The status bar at the bottom indicates '15 min delay on Mul...' and the date '3/14/2024'.

The screenshot shows the 'Domains' tab in the hpanel hostinger interface. It displays fields for changing nameservers from 'ns1-35.azure-dns.com', 'ns2-35.azure-dns.net', and 'ns3-35.azure-dns.org' to a custom nameserver 'Nameserver 4'. A 'Save' button is visible at the bottom left.

Manage DNS records

These records define how your domain behaves. Common uses include pointing your domain at web servers or configuring email delivery for your domain.

⚠️ Your domain is not pointing to Hostinger. To manage DNS records, change your nameservers to Hostinger's

Give feedback

The screenshot shows the Azure portal details for a virtual machine named 's2vgymvm'. The 'Essentials' section includes:

- Resource group: s2vgym
- Status: Stopped (deallocated)
- Location: East US
- Subscription: Free Trial
- Subscription ID: 2beff015-fc3f-446b-965c-857bea588d60
- Operating system: Windows
- Size: Standard D2s v2 (2 vCPUs, 8 GB memory)
- Public IP address: 172.191.62.94
- Virtual network/subnet: s2vgymvm-vnet/default
- DNS name: Not configured
- Health state: -

The 'Properties' tab shows the following details:

Virtual machine	
Computer name	s2vgymvm
Operating system	Windows
Image publisher	MicrosoftWindowsServer
Image offer	WindowsServer
Image plan	2016-datacenter-gensecond
VM generation	V2
VM architecture	x64
Hibernation	Disabled

Networking	
Public IP address	172.191.62.94 (Network interface s2vgymvm24)
Private IP address	-
Private IP address (IPv6)	-
Virtual network/subnet	s2vgymvm-vnet/default
DNS name	Configure

Size	
Public IP address	172.191.62.94 (Network interface s2vgymvm24)
Private IP address	-
Private IP address (IPv6)	-
Virtual network/subnet	s2vgymvm-vnet/default
DNS name	Configure

38.Create web app:-

The screenshot shows the Microsoft Azure portal interface for creating a new web application. The top navigation bar includes tabs for Home, App Services, and a search bar. The main content area is titled 'Create Web App' with a sub-section 'Project Details'. Under 'Project Details', there are fields for 'Subscription' (set to 'Free Trial') and 'Resource Group' (set to '(New) Resource group'). Below this, 'Instance Details' are specified: 'Name' (Web App name), 'Publish' (Code selected), 'Runtime stack' (Select a runtime stack dropdown), and 'Operating System' (Linux selected). At the bottom of the form are 'Review + create' and 'Next : Database >' buttons. The status bar at the bottom right shows system information like battery level, signal strength, and date/time.

The screenshot shows the Microsoft Azure portal interface for managing app services. The top navigation bar includes tabs for Home, App Services - Microsoft Azure, and a search bar. The main content area is titled 'App Services' with a sub-section 'Default Directory'. A table lists existing resources: 'langaugeproject2--' (Running, East US, Standard, App Service Plan: langaugeproject2-serverfarm-bfc88b, Subscription: Free Trial). To the right, a 'Notifications' sidebar displays several recent events with green checkmarks: 'Successfully stopped virtual machine', 'Create record set', 'Deployment succeeded', 'Deleted DNS zone', 'Successfully uploaded blob(s)', and 'Successfully created storage container'. The status bar at the bottom right shows system information like battery level, signal strength, and date/time.

The screenshot shows the Microsoft Azure Web App Overview page for 'Microsoft.Web-WebApp-Portal-1d84facf-9708'. The main message is 'Your deployment is complete' with a green checkmark icon. Deployment details include the name 'Microsoft.Web-WebApp-Portal-1d84facf-9708', subscription 'Free Trial', resource group 'rg1', start time '3/14/2024, 12:57:03 PM', and correlation ID '50fa7e1e-f7a2-49bf-a345-604b5f4c0acc'. Below this, sections for 'Deployment details' and 'Next steps' are visible, along with a 'Go to resource' button. On the right side, there are promotional cards for 'Cost Management', 'Microsoft Defender for Cloud', 'Free Microsoft tutorials', and 'Work with an expert'. The bottom of the screen shows the Windows taskbar with various pinned icons and system status.

39.Create a custom domain:-

The screenshot shows the 'Custom domains' blade for the 'gymsv2' web app. The left sidebar lists settings like 'Deployment', 'Custom domains' (which is selected), 'Certificates', 'Networking', 'Scale up (App Service plan)', and 'Scale out (App Service plan)'. The main area is titled 'Add custom domain' and contains fields for 'IP address' (20.205.69.87) and 'Custom Domain Verification ID' (209F8E701C9086F28B6B07CF476951FA74570AD31299198). A table shows one existing custom domain entry: 'gymsv2.azurewebsites.net' with status 'Secured'. The right side has sections for 'Domain validation' (with a note about matching TXT records) and 'Validation passed. Select Add to finish up.' buttons. The bottom of the screen shows the Windows taskbar.

The screenshot shows the Microsoft Azure portal interface. The user is navigating through the 'Configuration' section of a web app named 'gyms2v'. A success message at the top right states 'Successfully updated web app settings'. On the left, a sidebar lists options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Events (preview), Log stream, Deployment (Deployment slots, Deployment Center), Settings (Environment variables, Configuration, Authentication, Application Insights, Identity), and Configuration. The main area displays 'Platform settings' with sections for SCM Basic Auth (On), FTP Basic Auth (On), FTP state (FTPS only), HTTP version (1.1), and HTTP 2.0 Proxy (Off). A note about custom error pages requires a premium App Service Plan. A 'Startup Command' section is also present.

40.File zilla:-

The screenshot shows the FileZilla interface. The status bar at the top indicates 'File transfer successful. transferred 941 bytes in 1 second'. The left panel shows the 'Local site' containing files from a 'bot project' folder. The right panel shows the 'Remote site' with a directory structure including 'site' and 'wwwroot'. Both panels have file lists below them. The bottom status bar shows 'Selected 2 files. Total size: 1,212 bytes' on the left and '3 files. Total size: 5,766 bytes' on the right. The system tray at the bottom right shows the date and time as 3/14/2024 1:56 PM.

41.Log analytics service:-

A Log Analytics workspace is the basic management unit of Azure Monitor Logs. There are specific considerations you should take when creating a new Log Analytics workspace. [Learn more](#)

With Azure Monitor Logs you can easily store, retain, and query data collected from your monitored resources in Azure and other environments for valuable insights. A Log Analytics workspace is the logical storage unit where your log data is collected and stored.

Project details
Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Resource group *

Instance details
Name * Region *

Review + Create **< Previous** **Next : Tags >**

s2vlog | Activity log

Activity log

Looking for Log Analytics? In Log Analytics you can search for performance, diagnostics, health logs, and more. [Visit Log Analytics](#)

Operation name	Status	Time	Time stamp	Subscription	Event initiated by
Create Workspace	Accepted	7 minutes a...	Thu Mar 14 ...	Free Trial	vedant20babade@gmail.c...

Management Group : None Subscription : Free Trial Event severity : All Timespan : Last 6 hours

Resource group : s2vgym Resource : s2vlog Add Filter

Page 1 of 1

42. Create alert VM:-

Microsoft Azure | Home > s2vlog

s2vlog | Virtual machines (deprecated)

Log Analytics workspace

Search Refresh Filter by name... 8 selected 2 selected Free Trial s2vgym East US

Name	Log Analytics Connection	OS	Subscription	Resource group	Location
s2vgymvm	Not connected	Windows	2beff015-fc3f-446b-965c-857bea588d60	s2vgym	eastus

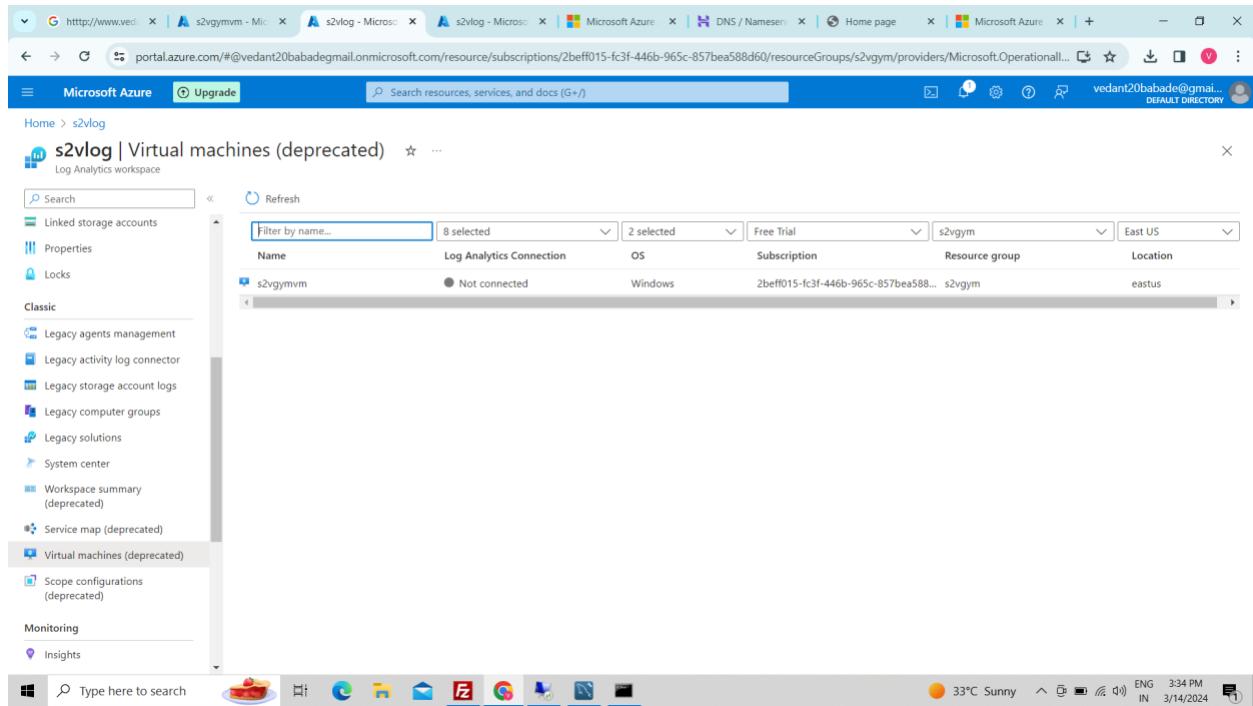
Linked storage accounts Properties Locks

Classic Legacy agents management Legacy activity log connector Legacy storage account logs Legacy computer groups Legacy solutions System center Workspace summary (deprecated) Service map (deprecated) Virtual machines (deprecated) Scope configurations (deprecated)

Monitoring Insights

Type here to search

33°C Sunny ENG IN 3:34 PM 3/14/2024



Microsoft Azure | Home > s2vgymvm

s2vgymvm

Virtual machine

Search Connect Start Stop Hibernate (preview) Capture Delete Refresh Open in mobile Feedback CLI / PS

Restart this virtual machine

Do you want to restart 's2vgymvm'?

Yes No

Location	: East US	Public IP address	: Windows (Windows Server 2016 Datacenter)
Subscription (move)	: Free Trial	Virtual network/subnet	: Standard D2s v3 (2 vcpus, 8 GB memory)
Subscription ID	: 2beff015-fc3f-446b-965c-857bea588d60	DNS name	: 172.191.62.94
Tags (edit)	: Add tags	Health state	: Not configured

JSON View

Properties Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine

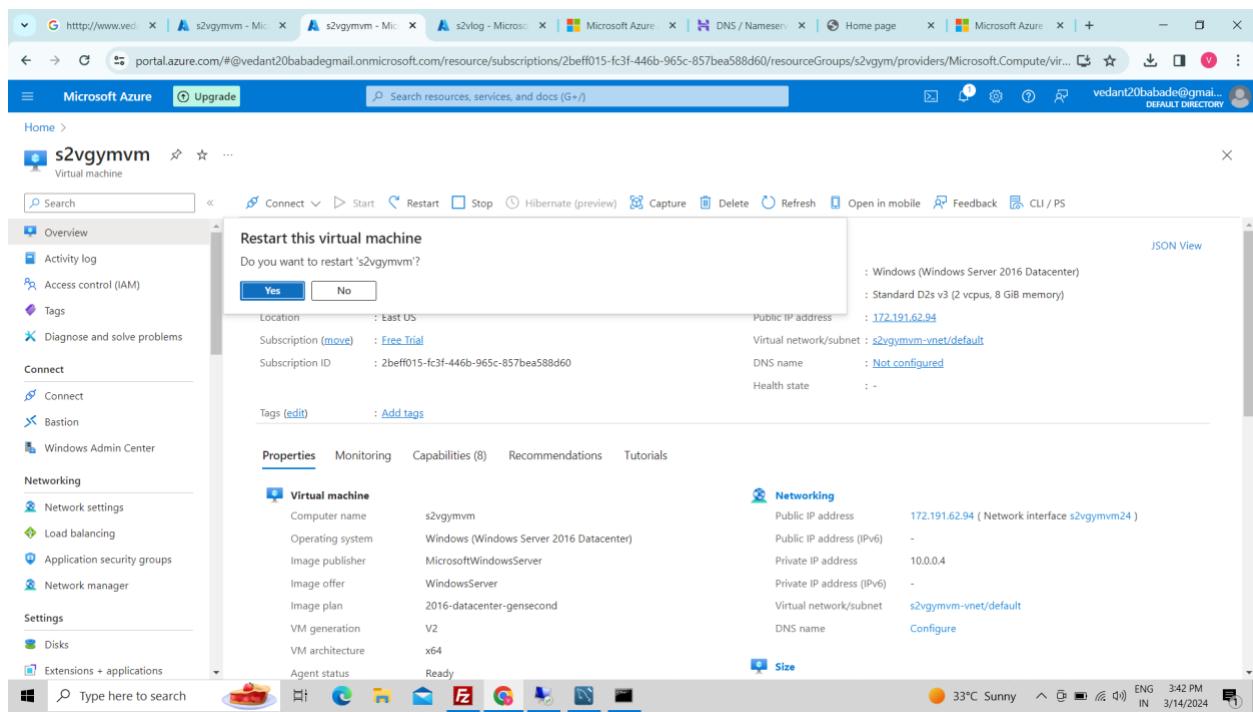
Computer name	s2vgymvm
Operating system	Windows (Windows Server 2016 Datacenter)
Image publisher	MicrosoftWindowsServer
Image offer	WindowsServer
Image plan	2016-datacenter-gensecond
VM generation	V2
VM architecture	x64
Agent status	Ready

Networking

Public IP address	172.191.62.94 (Network interface s2vgymvm24)
Public IP address (IPv6)	-
Private IP address	10.0.0.4
Private IP address (IPv6)	-
Virtual network/subnet	s2vgymvm-vnet/default
DNS name	Configure

Size

33°C Sunny ENG IN 3:42 PM 3/14/2024



Create an alert rule

Alert logic

- We have set the condition configuration automatically based on popular settings for this metric. Please review and make changes as needed.

Threshold Static Dynamic

Aggregation type: Average

Operator: Greater than

Threshold value *: 70 %

When to evaluate

Check every: 1 minute

Lookback period: 5 minutes

Preview

Whenever the average Percentage CPU is greater than 70%

Time range: Over the last 6 hours | Time series: Aggregate

Percentage CPU (Avg) $\frac{\text{Avg}}{\text{min}}$ 5.06 %

5.06 %

10 AM 11 AM 12 PM 1 PM 2 PM 3 PM UTC+0530

Review + create **Previous** **Next: Actions >**

43.create action group:-

Create action group

Basics Notifications Actions Tags Review + create

An action group invokes a defined set of notifications and actions when an alert is triggered. [Learn more](#)

Project details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription: Free Trial

Resource group *: s2vgym

Region *: Global

Instance details

Action group name *: s2vaction

Display name *: s2vaction

The display name is limited to 12 characters

Review + create **Previous** **Next: Notifications >**

Create action group

Basics Notifications Actions Tags Review + create

Choose how to get notified when the action group is triggered. This step is optional.

Notification type ⓘ Name ⓘ Selected ⓘ

Email/SMS message/Push/Voice notification1 Email, SMS message

Review + create Previous Next: Actions >

44. Link storage account:-

Log Analytics workspaces < s2vlog

Log Analytics workspace

Link storage account

Type	Name
Custom logs & IIS logs	No linked storage accounts
Saved queries	No linked storage accounts
Saved log alert queries	No linked storage accounts

Link storage account

Region ⓘ East US

Type Custom logs & IIS logs

Subscription * Free Trial

Resource group * AzureBackupRG_centralindia_1

Storage account * s2vgymstore

Save Cancel

The screenshot shows the Microsoft Azure Log Analytics workspace interface. The left sidebar displays navigation options like 'Create', 'Open recycle bin', and a search bar. A dropdown menu for 's2vlog' is open, showing 'Default Directory' and other workspace names. The main content area is titled 's2vlog | Linked storage accounts' and shows a list of linked storage accounts. A success message 'Successfully linked storage account 's2vgymstore'' is visible. The table lists three items:

Type	Name
Custom logs & IIS logs	s2vgymstore
Saved queries	s2vgymstore
Saved log alert queries	s2vgymstore