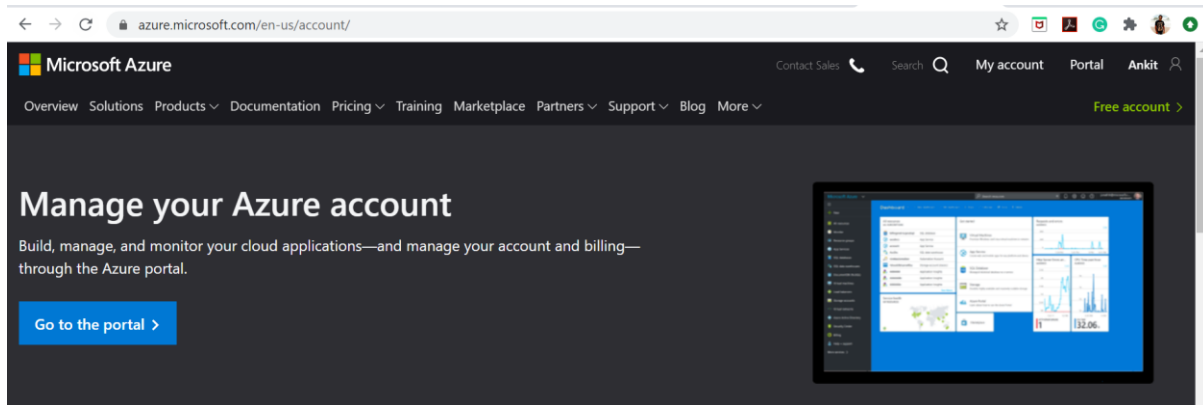


Azure Service Integration

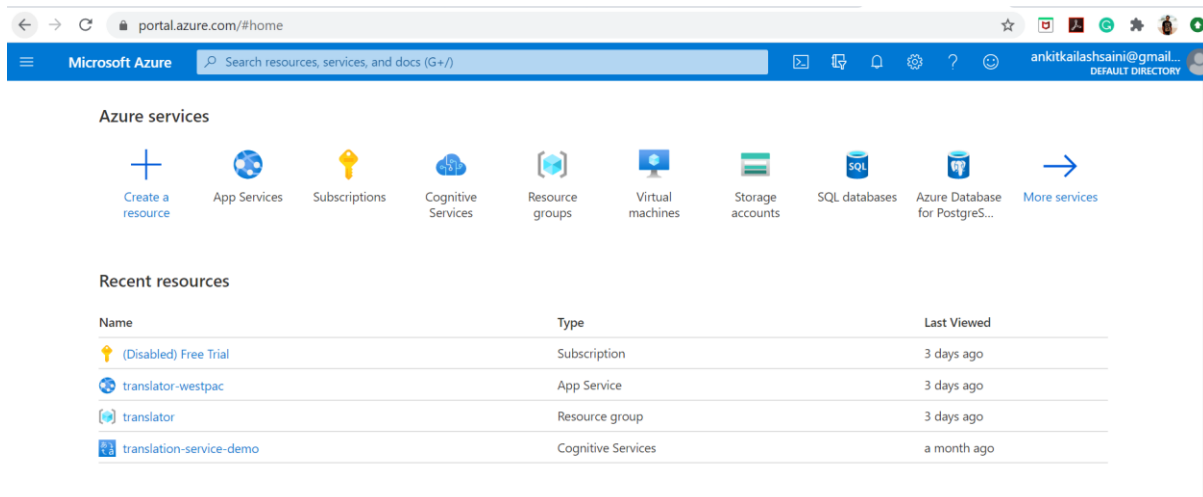
Steps for creating and deploying Translator web app services with Azure:

Create Cognitive Services -

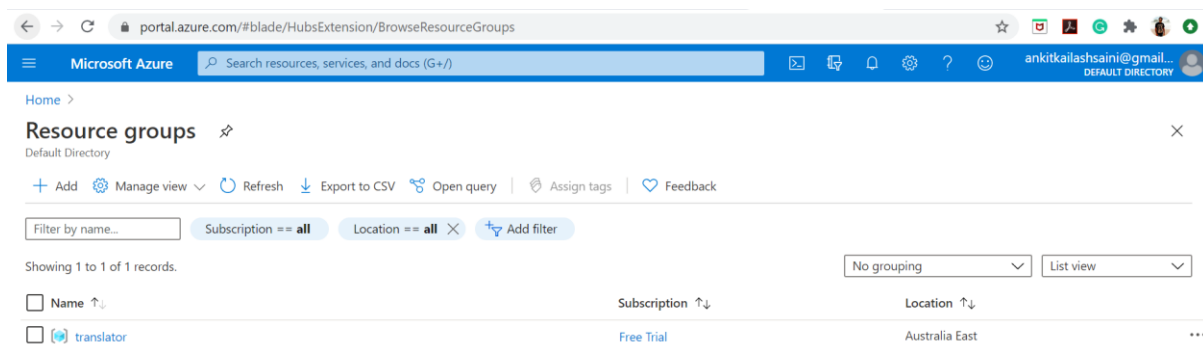
1. Login to Azure - <https://azure.microsoft.com/en-gb/>



2. Go to Portal - <https://portal.azure.com/#home>



3. Create a Resource Group - <https://portal.azure.com/#create/Microsoft.ResourceGroup>
4. By clicking on Add, user can create a new group



Existing translator configuration –

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user's profile. The main content area displays the 'translator' resource group. On the left, there is a sidebar with navigation options: Overview, Activity log, Access control (IAM), Tags, Events, Settings, Quickstart, Deployments, Policies, Properties, Locks, and Export template. The 'Overview' tab is selected, showing details about the resource group, including its subscription ID, tags, and deployment status. A table lists the resources within the group, showing their names, types, and locations.

Name	Type	Location
asp-200729122445	App Service plan	Australia East
asp-200729123326	App Service plan	Brazil South
asp-200729130741	App Service plan	Australia Southeast

5. Go back to Portal Home –

Select Cognitive Services

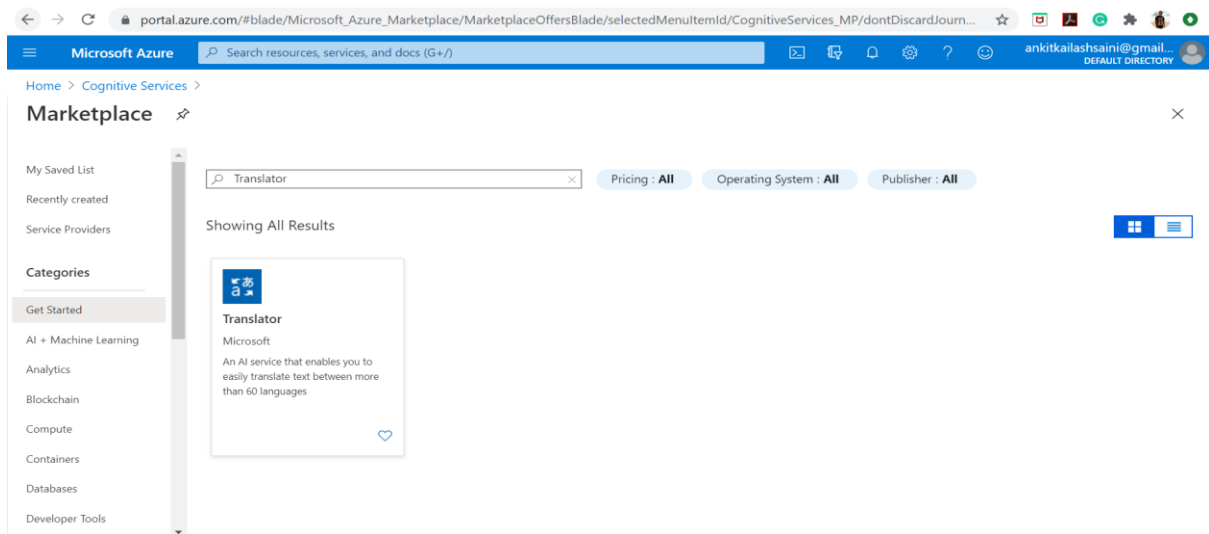
The screenshot shows the Microsoft Azure portal home page. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user's profile. The main content area displays 'Azure services' with various tiles for different service categories. The 'Cognitive Services' tile is highlighted. Below the services, there is a 'Recent resources' section with a table listing recently viewed resources.

Name	Type	Last Viewed
translator	Resource group	a minute ago
(Disabled) Free Trial	Subscription	3 days ago
translator-westpac	App Service	3 days ago
translation-service-demo	Cognitive Services	a month ago

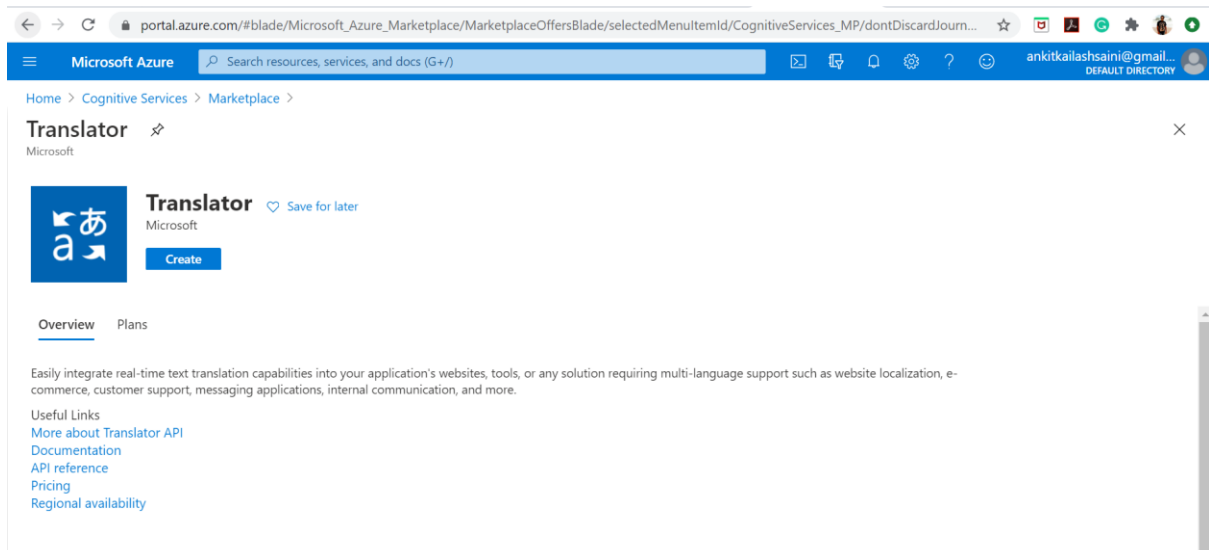
The screenshot shows the Microsoft Azure portal blade for 'Cognitive Services'. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user's profile. The main content area displays the 'Cognitive Services' blade. On the left, there is a sidebar with navigation options: Add, Manage view, Refresh, Export to CSV, Open query, Assign tags, and Feedback. The 'Add' tab is selected, showing details about the resource, including its subscription, resource group, location, and deployment status. A table lists the resources within the group, showing their names, kinds, locations, and deployment status.

Name	Kind	Location	Custom ...	Pricing ti...	Status	Created ...
translation-service-demo	TextTranslation	Australia East	translato...	F0	Succeeded	2020-07-14T1...

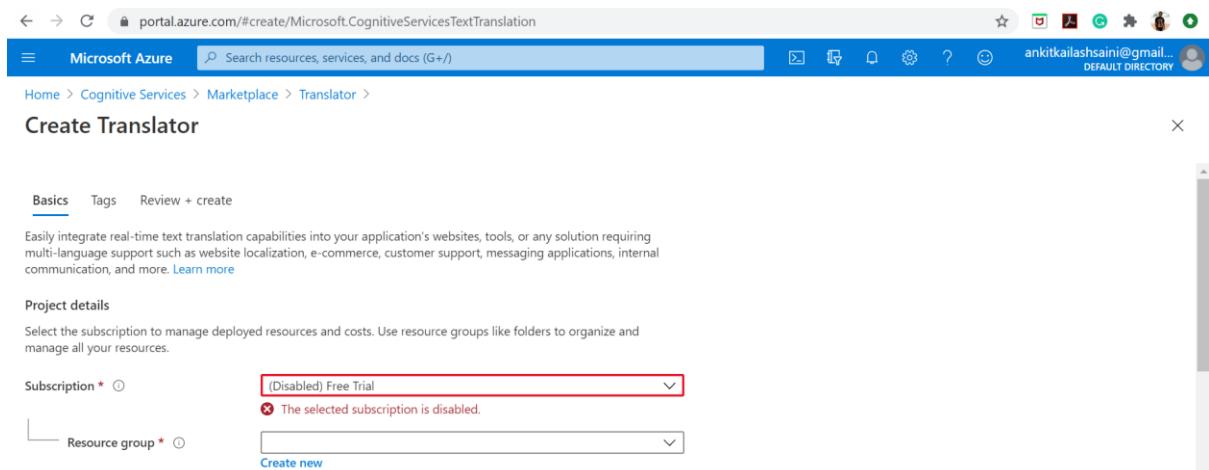
6. Click on Add to create a new service, here user needs to select a service. In our case we need to search for Translator



7. Click on translator tab, it will navigate you below page –



8. Click on Create button –



portal.azure.com/#create/Microsoft.CognitiveServicesTextTranslation

Microsoft Azure Search resources, services, and docs (G+)

Home > Cognitive Services > Marketplace > Translator >

Create Translator

Create new

Instance details

Region *

Please choose the Global region unless your business or application requires a specific region. Applications that do not offer a region selection use the Global region.

Name *

Pricing tier *

[View full pricing details](#)

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

9. Select created resource group and region would be Australia East, after that Review and create.

Go to Home screen –

It will show created resource, in our case it's translation-service-demo

portal.azure.com/#home

Microsoft Azure Search resources, services, and docs (G+)

Azure services

Create a resource Cognitive Services Resource groups App Services Subscriptions Virtual machines Storage accounts SQL databases Azure Database for PostgreSQL More services

Recent resources

Name	Type	Last Viewed
translation-service-demo	Cognitive Services	7 minutes ago
translator	Resource group	12 minutes ago
(Disabled) Free Trial	Subscription	3 days ago
translator-westpac	App Service	3 days ago

Click on translation-service-demo –

The screenshot shows the Azure portal interface for a resource named 'translation-service-demo'. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, and a 'RESOURCE MANAGEMENT' section with Quick start, Keys and Endpoint, Pricing tier, Networking, Identity, Billing By Subscription, and Properties. The main content area shows the resource's properties, including Resource group, Status, Location, Subscription, and Subscription ID. A 'Quick start' section is also present, indicating 'No Quota Info'.

It shows – Overview and other properties

Under Quick start it shows, how we can use this service.

By following Quick start – We have created a translator project - <https://github.com/andy000087/trans-final>

Create Web App Services -

If we want to deploy this project to Azure app service then we need to follow below steps –

1. Go to - <https://portal.azure.com/#home>
2. Select App Services to deploy project

The screenshot shows the Azure portal home page. The 'Azure services' section displays various service icons, with 'App Services' highlighted. Below this, the 'Recent resources' table lists the following resources:

Name	Type	Last Viewed
translation-service-demo	Cognitive Services	7 minutes ago
translator	Resource group	21 minutes ago
(Disabled) Free Trial	Subscription	3 days ago
translator-westpac	App Service	3 days ago

portal.azure.com/#blade/HubsExtension/BrowseResource/resourceType/Microsoft.Web%2Fsites

Microsoft Azure Search resources, services, and docs (G+)

Home > App Services

Default Directory

+ Add Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop Delete Feedback Leave preview

Filter by name... Subscription == all Resource group == all Location == all Add filter

Showing 1 to 1 of 1 records. No grouping List view

Name	Status	Location	Pricing Tier	App Service Plan	Subscription	App Type
translator-westpac	Other	Australia Southeast	Basic	asp-200729130741	Free Trial	Web App

3. Click on Add to create a new resource

portal.azure.com/#create/Microsoft.WebSite

Microsoft Azure Search resources, services, and docs (G+)

Home > App Services > Create Web App

Basics Monitoring Tags Review + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [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 * (Disabled) Free Trial
The selected subscription is disabled.

Resource Group *
[Create new](#)

Instance Details

Name * Web App name. .azurewebsites.net

portal.azure.com/#create/Microsoft.WebSite

Microsoft Azure Search resources, services, and docs (G+)

Home > App Services > Create Web App

Publish * Code Docker Container

Runtime stack * Select a runtime stack

Operating System Linux Windows

Region * Central US
Not finding your App Service Plan? Try a different region.

App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

Linux Plan (Central US) Select App Service Plan
Select a resource group before selecting a plan.

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

4. After entering details click on Review and create button, it will create another resource for hosting web app, existing configuration are given below

portal.azure.com/#@ankitkailashsainigmail.onmicrosoft.com/resource/subscriptions/ded56b32-33e8-4746-854d-4a04ffc3342/resourceGroups...

Microsoft Azure Search resources, services, and docs (G+)

Home > translator-westpac App Service

Search (Ctrl+/)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Security

Events (preview)

Deployment

Quickstart

Deployment slots

Deployment Center

Your subscription or app is disabled. →

Resource group (change) translator URL https://translator-westpac.azurewebsites.net

Status AdminDisabled App Service Plan asp-200729130741 (B1: 0)

Location Australia Southeast

Subscription (change) Free Trial

Subscription ID ded56b32-33e8-4746-854d-4a04ffc3342

Tags (change) Click here to add tags

Essentials

View as JSON

5. Left hand side tabs showing properties, deployment configuration, settings and QuickStart. With QuickStart user can do configuration to deploy web app as per need.

portal.azure.com/#@ankitkailashsainigmail.onmicrosoft.com/resource/subscriptions/ded56b32-33e8-4746-854d-4a04ffc3342/resourceGroups...

Microsoft Azure Search resources, services, and docs (G+)

Home > translator-westpac | Deployment Center App Service

Search (Ctrl+/)

Deployment slots

Deployment Center

Settings

Configuration

Authentication / Authorization

Application Insights

Identity

Backups

Custom domains

TLS/SSL settings

Networking

Scale up (App Service plan)

Deployment Center

App Service Deployment Center enables you to choose the location of your code as well as options for build and deployment to the cloud. Learn more

1 SOURCE CONTROL 2 BUILD PROVIDER 3 CONFIGURE

Continuous Deployment (CI / CD)

Azure Repos Configure continuous

GitHub Configure continuous

Bitbucket Configure continuous

portal.azure.com/#@ankitkailashsainigmail.onmicrosoft.com/resource/subscriptions/ded56b32-33e8-4746-854d-4a04ffc3342/resourceGroups...

Microsoft Azure Search resources, services, and docs (G+)

Home > translator-westpac | Quickstart App Service

Search (Ctrl+/)

Tags

Diagnose and solve problems

Security

Events (preview)

Deployment

Quickstart

Deployment slots

Deployment Center

Settings

Configuration

Authentication / Authorization

Application Insights

What development stack would you like to use?

Explore the Quickstart guidance to get up and running with app deployment.

ASP.NET

Follow our quickstart guide and deploy your first .NET Core app in minutes

Java

Follow our quickstart guide and deploy your first Java app in minutes

Node.js

Follow our quickstart guide and deploy your first Node.js app in minutes