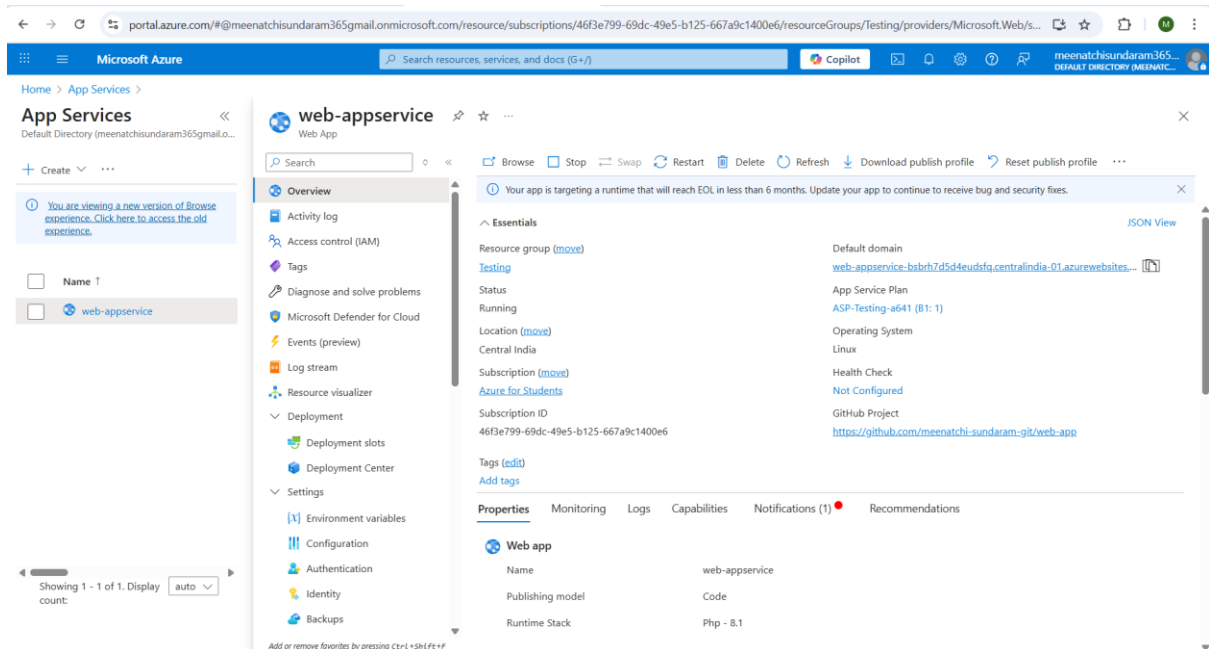


WEB APP DEPLOYMENT

OBJECTIVE : create a web app service through paas pull the code from repo.
This is the static web service

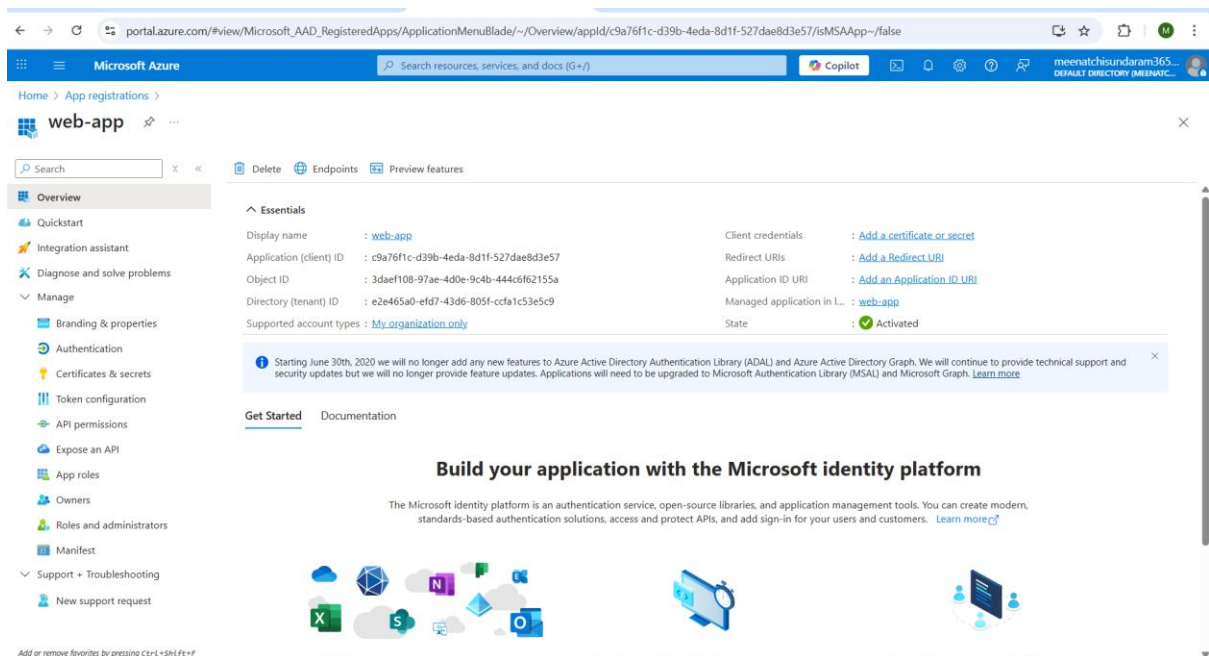
STEP 1 : create a web app service



The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Azure logo, a search bar, and the user profile. The main content area is titled 'web-appservice' and shows the 'Overview' tab. On the left, there is a sidebar with various service options. The main panel displays the 'Essentials' section, which includes details about the resource group, status, location, and subscription. A table at the bottom lists the 'Properties' of the web app, including its name, publishing model, and runtime stack.

Properties	
Name	web-appservice
Publishing model	Code
Runtime Stack	Php - 8.1

STEP 2 : CREATE AND CONFIG THE APP REGISTRATION



The screenshot shows the Microsoft Azure portal interface for the 'web-app' registration. The top navigation bar includes the Azure logo, a search bar, and the user profile. The main content area is titled 'web-app' and shows the 'Overview' tab. On the left, there is a sidebar with various service options. The main panel displays the 'Essentials' section, which includes details about the display name, application ID, object ID, directory ID, supported account types, client credentials, redirect URIs, application ID URI, managed application in L, and state. A table at the bottom lists the 'Properties' of the web app, including its name, publishing model, and runtime stack.

Properties	
Display name	web-app
Application (client) ID	c9a76f1c-d39b-4eda-8d1f-527dae8d3e57
Object ID	3dae1f08-97ae-4d0e-9c4b-444c6f2155a
Directory (tenant) ID	e2e465a0-efd7-43d6-805f-ccfa1c53e5c9
Supported account types	My organization only
Client credentials	Add a certificate or secret
Redirect URIs	Add a Redirect URI
Application ID URI	Add an Application ID URI
Managed application in L	web-app
State	Activated

STEP3: In app registration terminal go to sertificate and secrets. Then add the GitHub page repo details and save it

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and user information. The main content area is divided into two sections. The first section, titled 'Register an application', shows the 'Name' field and 'Supported account types' section. The second section, titled 'Edit a credential', shows the 'Federated credential scenario' dropdown set to 'GitHub Actions deploying Azure resources'. Below this, the 'Connect your GitHub account' section contains fields for 'Issuer', 'Organization', 'Repository', 'Entity type', 'Based on selection', and 'Subject identifier'. The 'Subject identifier' field is populated with 'repo:meenatchi-sundaram-git/web-app:refs/heads/ap'. At the bottom, there are 'Update' and 'Cancel' buttons.

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

meenatchisundaram365...
DEFAULT DIRECTORY (MEENATC...

Home > App registrations >

Register an application

* Name

The user-facing display name for this application (this can be changed later).

Supported account types

Who can use this application or access this API?

☒ Accounts in this organizational directory only (Default Directory only - Single tenant)

☐ Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)

☐ Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)

☐ Personal Microsoft accounts only

[Help me choose...](#)

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

meenatchisundaram365...
DEFAULT DIRECTORY (MEENATC...

Home > App registrations > web-app | Certificates & secrets >

Edit a credential

Configure an Microsoft Entra ID managed identity or an identity from an external OpenID Connect Provider to get tokens as this application and access Azure resources.

Federated credential scenario *

GitHub Actions deploying Azure resources

Connect your GitHub account

Please enter the details of your GitHub Actions workflow that you want to connect with Microsoft Entra ID. These values will be used by Microsoft Entra ID to validate the connection and should match your GitHub OIDC configuration. Issuer has a limit of 600 characters. Subject Identifier is a calculated field with a 600 character limit.

Issuer ⓘ

<https://token.actions.githubusercontent.com>
[Edit \(optional\)](#)

Organization *

meenatchi-sundaram-git

Repository *

web-app

Entity type *

Branch

Based on selection *

ap

Subject identifier ⓘ

repo:meenatchi-sundaram-git/web-app:refs/heads/ap
This value is generated based on the GitHub account details provided. [Edit \(optional\)](#)

Update Cancel

STEP 3 : Go to Enterprise Application page copy the OBJECT ID

The screenshot shows the Microsoft Azure portal interface for the 'web-app | Overview' page. The top navigation bar includes the Microsoft Azure logo, a search bar, and user information. The main content area is divided into two sections. The first section, titled 'Overview', shows the 'Name' field set to 'web-app', the 'Application ID' field set to 'c9a76f1c-d39b-4eda-8d1f-...', and the 'Object ID' field set to '915225b1-ff09-4a87-9cfe-c...'. The second section, titled 'Getting Started', contains a diagram showing the application's architecture.

Home > Enterprise applications | All applications >

web-app | Overview

Enterprise Application

Overview

Deployment Plan

Diagnose and solve problems

Manage

Security

Activity

Troubleshooting + Support

Properties

Name ⓘ

web-app

Application ID ⓘ

c9a76f1c-d39b-4eda-8d1f-...

Object ID ⓘ

915225b1-ff09-4a87-9cfe-c...

Getting Started

STEP 4 : GO to IAM . ADD A NEW ROLE AS WEB APP CONTRIBUTOR.

Home > Subscriptions > Azure for Students | Access control (IAM) >

Add role assignment

Role Members Conditions Review + assign

A role definition is a collection of permissions. You can use the built-in roles or you can create your own custom roles. [Learn more](#)

Job function roles Privileged administrator roles

Grant access to Azure resources based on job function, such as the ability to create virtual machines.

web app Type: All Category: All

Name	Description	Type	Category	Details
App Service Environment Contributor	Manage App Service Environments but not the App Service Plans or Websites that it hosts.	BuiltInRole	None	View

STEP 5 : PASTE THE COPYED OBJECT ID HERE

Home > Subscriptions > Azure for Students | Access control (IAM) >

Add role assignment

Role Members Conditions Review + assign

Selected role App Service Environment Contributor

Assign access to ☒ User, group, or service principal ☐ Managed identity

Members + Select members

Name	Object ID	Type
No members selected		

Description Optional

Select members

Search by name or email address

- AR Aravind aravind@meenatchisundaram365gmail.onmicrosoft.com
- AS ARAVIND S(Guest) meenatchisundaram365_gmail.com#EXT#@meenatchisundaram365gmail.on...
- MS 86438ca1-48aa-465a-ac65-22c365a52b6b
- PR practice ed478696-8e80-4e8e-a966-51fea728be59

Selected members:

No members selected. Search for and add one or more members you want to assign to the role for this resource.

[Learn more about RBAC](#)

STEP 6 : CHECK THE CODE WAY PROPERLY DEPLOYED OR NOT IN GITHUB

meenatchi-sundaram-git / web-app

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Build and deploy PHP app to Azure Web App - web-appservice

Update index.html #2

Summary

Jobs

- build
- deploy

Run details

Usage

Workflow file

Triggered via push 25 minutes ago

meenatchi-sundaram-git pushed <> 22418cc main

Status Success

Total duration 1m 12s

Artifacts 1

main_web-appservice.yml

on: push

build 14s

deploy 51s

meenatchi-sundaram-git / web-app

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Build and deploy PHP app to Azure Web App - web-appservice

Update index.html #2

Summary

Jobs

- build
- deploy

Run details

Usage

Workflow file

deploy

succeeded 24 minutes ago in 51s

- > Set up job
- > Download artifact from build job
- > Login to Azure
- > Deploy to Azure Web App
- > Post Login to Azure
- > Complete job

STEP 7 : COPY THE WEB APP URL IN THE BROWSER IT SHOWS THE OUTPUT

Hello This is Meenatchi Sundaram

LinkedIn Profile:

Click

GitHub Repository:

Click