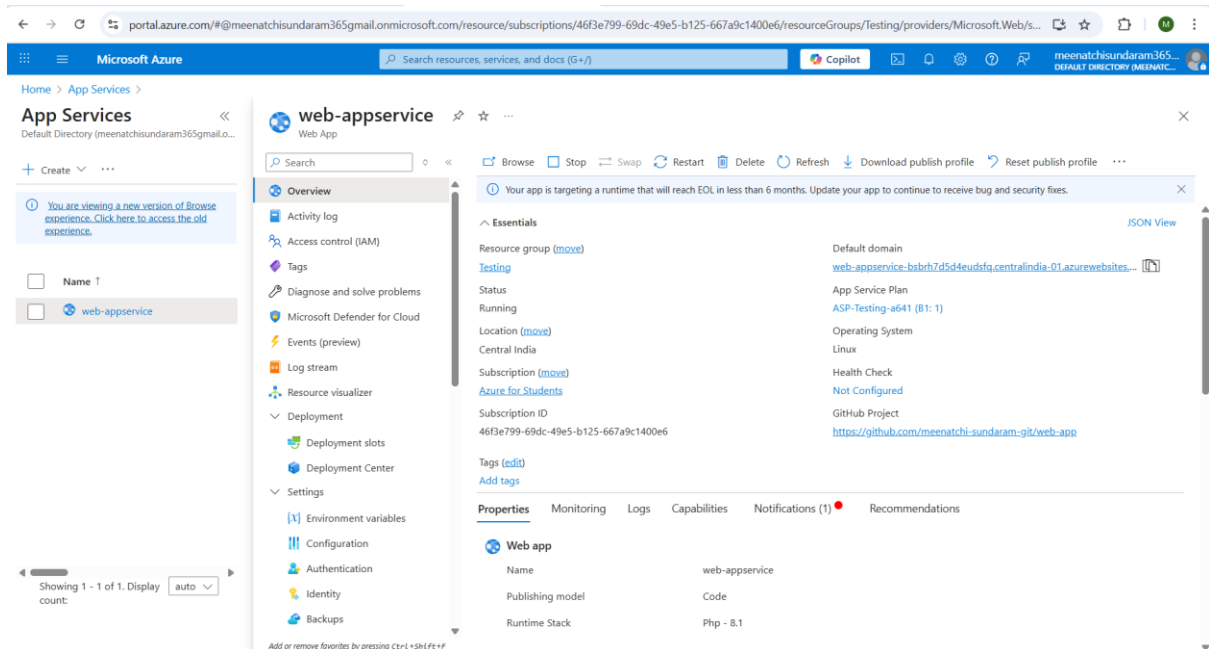


WEB APP DEPLOYMENT

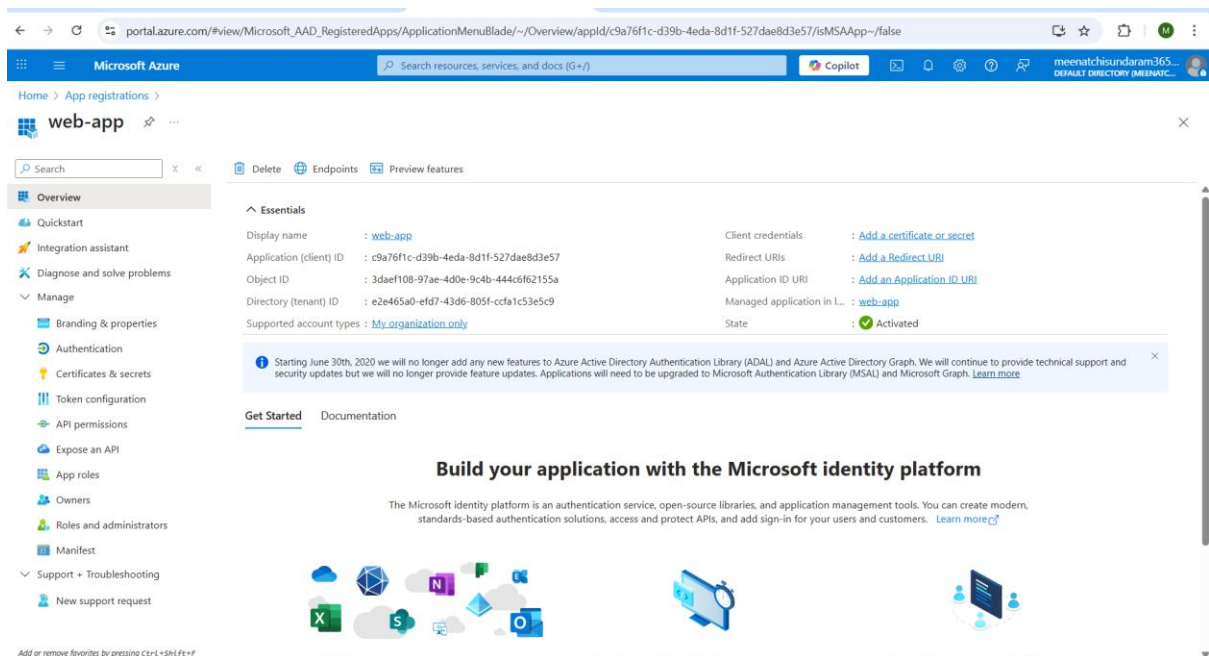
OBJECTIVE : create a web app service through paas pull the code from repo.
This is the static web service

STEP 1 : create a web app service



The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the 'Microsoft Azure' logo, a search bar, and the user profile 'meenatchisundaram365...'. The main content area is titled 'web-appservice' and 'Web App'. On the left, there's a sidebar with various management options like 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Diagnose and solve problems', 'Microsoft Defender for Cloud', 'Events (preview)', 'Log stream', 'Resource visualizer', 'Deployment', 'Deployment slots', 'Deployment Center', 'Settings', 'Environment variables', 'Configuration', 'Authentication', 'Identity', and 'Backups'. The 'Overview' tab is selected, displaying essential information: Resource group (Testing), Status (Running), Location (Central India), Subscription ID (46f3e799-69dc-49e5-b125-667a9c1400e6), Tags (Add tags), Default domain (web-appservice-b5b7d5d4eudsfq.centralindia-01.azurewebsites...), App Service Plan (ASP-Testing-a641 (B1: 1)), Operating System (Linux), Health Check (Not Configured), and GitHub Project (https://github.com/meenatchi-sundaram-git/web-app). Below this, a table lists properties: Name (web-appservice), Publishing model (Code), and Runtime Stack (Php - 8.1).

STEP 2 : CREATE AND CONFIG THE APP REGISTRATION



The screenshot shows the Microsoft Azure portal interface for App Registrations. The top navigation bar is similar to the previous screenshot. The main content area is titled 'web-app' and 'App Registration'. The left sidebar lists management options like 'Overview', 'Quickstart', 'Integration assistant', 'Diagnose and solve problems', 'Manage', 'Branding & properties', 'Authentication', 'Certificates & secrets', 'Token configuration', 'API permissions', 'Expose an API', 'App roles', 'Owners', 'Roles and administrators', 'Manifest', 'Support + Troubleshooting', and 'New support request'. The 'Overview' tab is selected, displaying essential information: 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), and State (Activated). Below this, a message states: 'Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. Learn more'. At the bottom, there's a section titled 'Build your application with the Microsoft identity platform' with a description and a 'Learn more' link, accompanied by icons for various Microsoft services.

STEP3: In app registration terminal go to certificate 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 the user profile 'meenatchisundaram365...'. The main content area is titled 'Register an application' and 'Edit a credential'.

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...](#)

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
[Edit \(optional\)](#)

Organization *

Repository *

Entity type *

Based on selection *

Subject identifier
This value is generated based on the GitHub account details provided. [Edit \(optional\)](#)

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

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile 'meenatchisundaram365...'. The main content area is titled 'web-app | Overview'.

web-app | Overview
Enterprise Application

Overview

- ☒ Overview
- ☐ Deployment Plan
- ☐ Diagnose and solve problems
- ☐ Manage
- ☐ Security
- ☐ Activity
- ☐ Troubleshooting + Support

Properties

Name

Application ID

Object ID

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