

Name: Muhammad Osama

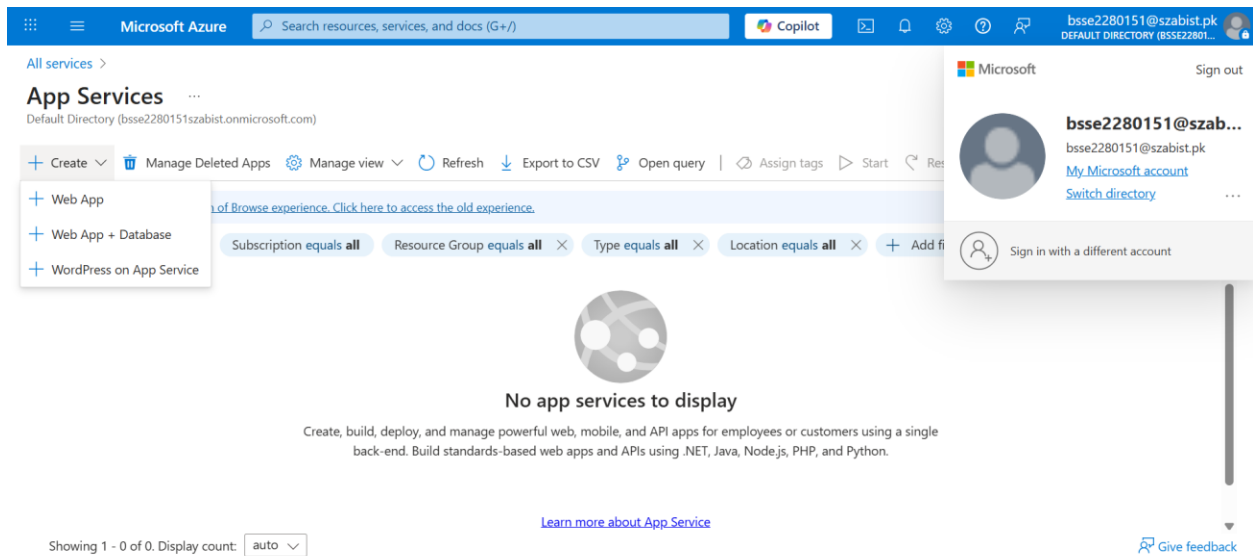
Registration no: 2280151

Program: BSSE

Section: B

## Lab 04: Create a Web App

### Task 1: Create a Web App



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Search resources, services, and docs (G+/I)

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All services >

### App Services

Default Directory (bsse2280151@szabist.onmicrosoft.com)

+ Create ▾ Manage Deleted Apps Manage view ▾ Refresh Export to CSV Open query Assign tags Start Res

- + Web App
- + Web App + Database
- + WordPress on App Service

Subscription equals all Resource Group equals all Type equals all Location equals all + Add filter

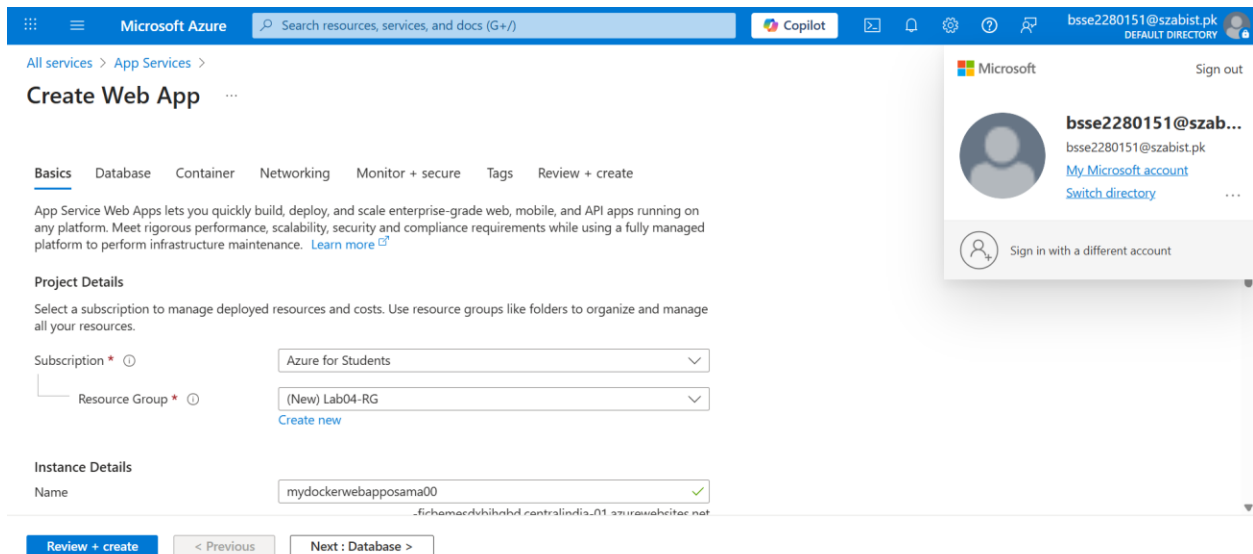
No app services to display

Create, build, deploy, and manage powerful web, mobile, and API apps for employees or customers using a single back-end. Build standards-based web apps and APIs using .NET, Java, Node.js, PHP, and Python.

Showing 1 - 0 of 0. Display count: auto ▾

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### Create Web App

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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 \* ⓘ Azure for Students ▾

Resource Group \* ⓘ (New) Lab04-RG ▾  
[Create new](#)

**Instance Details**

Name mydockerwebapposama00 ✓

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

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Create Web App

Name

mydockerwebapposama00

-fjcbemesdxbjhgbdcntralindia-01.azurewebsites.net

☒ Secure unique default hostname on. [More about this update](#)

Publish \*

☐ Code ☒ Container

Operating System \*

☒ Linux ☐ Windows

Region \*

Central India

Not finding your App Service Plan? Try a different region or select your App Service Environment.

Pricing plans

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

Linux Plan (Central India) \*

(New) ASP-Lab04RG-ac36

Review + create

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Create Web App

Linux Plan (Central India) \*

(New) ASP-Lab04RG-ac36

[Create new](#)

Pricing plan

Basic B1 (100 total ACU, 1.75 GB memory, 1 vCPU)

[Explore pricing plans](#)

Zone redundancy

App Service plan can be deployed as a zone redundant service in the regions that support it. Your initial instance count will be set based on your zone redundancy configuration. To ensure you'll be able to enable zone redundancy at any point in the lifecycle of your app, enable zone redundancy now. You can decrease the instance count after the App Service plan is created. [Learn more](#)

Zone redundancy

☐ Enabled: Your App Service plan and the apps in it will be zone redundant. The minimum App Service plan instance count will be two.

☒ Disabled: Your App Service plan and the apps in it will not be zone redundant. The minimum App Service plan instance count will be one.

Review + create

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Create Web App ...

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Select your preferred source for container images. You can change these settings and other dependencies after creating the app. [Learn more](#)

Sidecar support

☒ Enhanced configuration with sidecar support on [Learn More](#)

Image Source \*

☐ Quickstart  
☐ Azure Container Registry  
☒ Other container registries

Name \*

main

Docker hub options

Access Type \*


☒ Public  
☐ Private

Review + create


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Create Web App ...

Other container registries

Name \*

main

Docker hub options

Access Type \*

☒ Public  
☐ Private

Registry server URL \*

https://mcr.microsoft.com

✓

Image and tag \*

azuredocs/aci-helloworld:latest

✓

Port

80

✓

Startup Command ⓘ


Example: /bin/bash; -c; echo hello; sleep 10000

Review + create


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Create Web App

Basics Database Container Networking Monitor + secure Tags **Review + create**

Summary

 **Web App**  
by Microsoft

**Basic (B1) sku**  
Estimated price - 13.14 USD/Month

Basic authentication for this app is currently disabled and may impact deployments. Click to learn more.

Details

Subscription

861d493b-12a4-4267-b9db-f579840afab9

Resource Group


Lab04-RG

Name


mydockerwebapposama00

Create < Previous Next > Download a template for automation

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All services >

Microsoft.Web-WebApp-Portal-3afe2c17-9f7a | Overview

Deployment

Search x << Delete Cancel Redeploy Download Refresh


Overview

Inputs

Outputs

Template

✓ Your deployment is complete

 Deployment name : Microsoft.Web-WebApp-Portal-3afe2c17-9f7a  
Subscription : [Azure for Students](#)  
Resource group : [Lab04-RG](#)  
Start time : 10/30/2025, 2:18:57 PM  
Correlation ID : d8efa343-555a-4325-a3e7-be1c73070ca3

> Deployment details

> Next steps

Go to resource

Notifications

More events in the activity log →Dismiss all

✓ Deployment succeeded

Deployment 'Microsoft.Web-WebApp-Portal-3afe2c17-9f7a' to resource group 'Lab04-RG' was successful.

Go to res... Go to resource ...

a few seconds ago

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All services >

Microsoft.Web-WebApp-Portal-3afe2c17-9f7a | Overview

Deployment

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> Next steps

Go to resource

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a few seconds ago

## Task 2: Test the Web App

Microsoft Azure portal interface showing the details of the Web App **mydockerwebapposama00**.

**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

**Essentials**

- Resource group (move): [Lab04-RG](#)
- Status: Running
- Location (move): Central India
- Subscription (move): [Azure for Students](#)
- Subscription ID: 861d493b-12a4-4267-b9db-f579840afab9
- Tags (edit): [Add tags](#)

**Properties**

- Default domain: [mydockerwebapposama00-fjcb...](#)
- App Service Plan: [ASP-Lab04RG-ac36 \(B1: 1\)](#)
- Operating System: Linux
- Health Check: [Not Configured](#)

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Browser window showing the Azure Container Instances (ACI) welcome page.

portal.azure.com/#@bsse2280151szabist.onmicrosoft.com/resource/subscriptions/861d493b-12a4-4267-b9db-f579840afab9/resourcegroups/Lab04-RG/p...

mydockerwebapposama00-fjcbmesdxbjhgbd.centralindia-01.azurewebsites.net

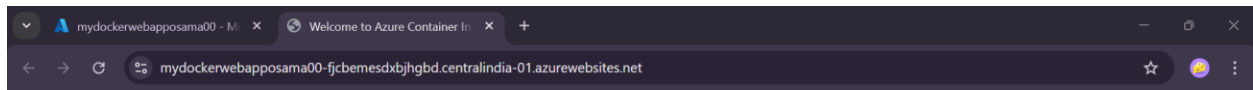
**Welcome to Azure Container Instances!**



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Welcome to Azure Container Instances!



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Web App

Search

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Microsoft Defender for Cloud
- Events (preview)
- Log stream
- Resource visualizer
- Deployment
- Settings
- Environment variables

Key Metrics [See all metrics](#)

Show data for the last : 1 hour

Http 5xx

Data In

Data Out

Error retrieving data. For more information, please visit <https://aka.ms/metricstroubles...>

Http Server Errors (Sum, mydo...) 0

BytesReceived (Sum, mydo...)

BytesSent (Sum, mydo...)

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Home >

mydockerwebapposama00  
Web App

Search

Browse

Stop

Swap

Restart

Delete

Refresh

Download publish profile

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Microsoft Defender for Cloud

Events (preview)

Log stream

Resource visualizer

Deployment

Settings

Environment variables

Requests

Response Time

File System S...

Error retrieving data.  
For more information, please visit  
<https://aka.ms/metricstroubles...>

100  
90  
80  
70

10  
0

1:45 2 PM UTC+05:00

Requests (Sum), mydoc...

Error retrieving data.  
For more information, please visit  
<https://aka.ms/metricstroubles...>

100  
90  
80  
70

10  
0

1:45 2 PM UTC+05:00

HttpResponseTime (Av...

Error retrieving data.  
For more information, please visit  
<https://aka.ms/metricstroubles...>

100  
90  
80  
70

10  
0

1:45 2 PM UTC+05:00

FileSystemUsage (Avg)...

Microsoft

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