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Reg no: 2280151

Section: B

LAB: 9a

## Task 1 - Create and configure an Azure web app:

**Create Web App**

Summary

**Web App** by Microsoft

**Premium V3 (P1V3) sku**  
Estimated price - 119.72 USD/Month

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

**Details**

Subscription	b27ea303-a842-43a4-8123-8bdf4aec006b
Resource Group	az104-rg9
Name	osamawebapp
Secure unique default hostname	Enabled
Publish	Code
Runtime stack	PHP 8.2

**App Service Plan (New)**

Name	ASP-az104rg9-9196
Operating System	Linux
Region	Central India
SKU	Premium V3
Size	Small
ACU	195 minimum ACU/VCPU
Memory	8 GB memory

**Monitor + secure**

Application insights	Not enabled
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**Deployment**

Basic authentication	Disabled
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[Create](#) [Previous](#) [Next](#) [Download a template for automation](#)

**osamawebapp** Web App

Search

**Overview**

Essentials

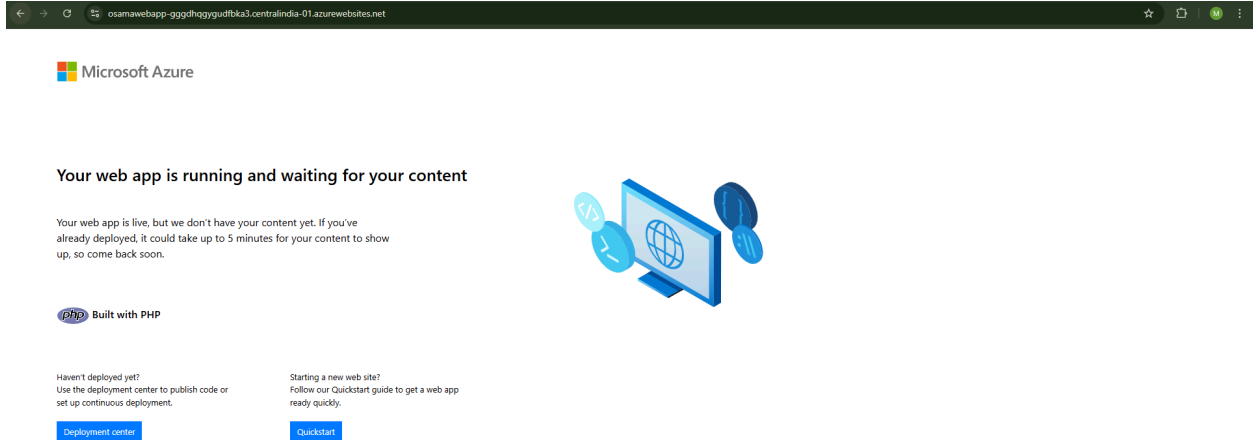
Resource group (move)	az104-rg9	Default domain	osamawebapp-gg9f8ggyouf8ka1.centralindia-01.azurew...
Status	Running	App Service Plan	ASP-az104rg9-9196 (81: 1)
Location (move)	Central India	Operating System	Linux
Subscription (move)	Azure subscription 1	Health Check	Not Configured
Subscription ID	b27ea303-a842-43a4-8123-8bdf4aec006b		

Tags (edit) [Add tags](#)

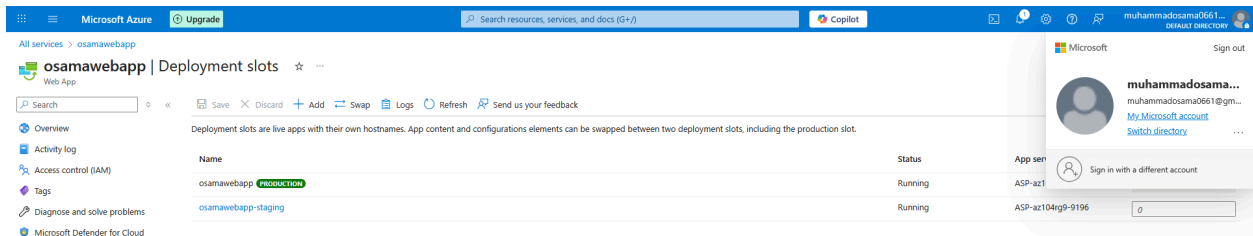
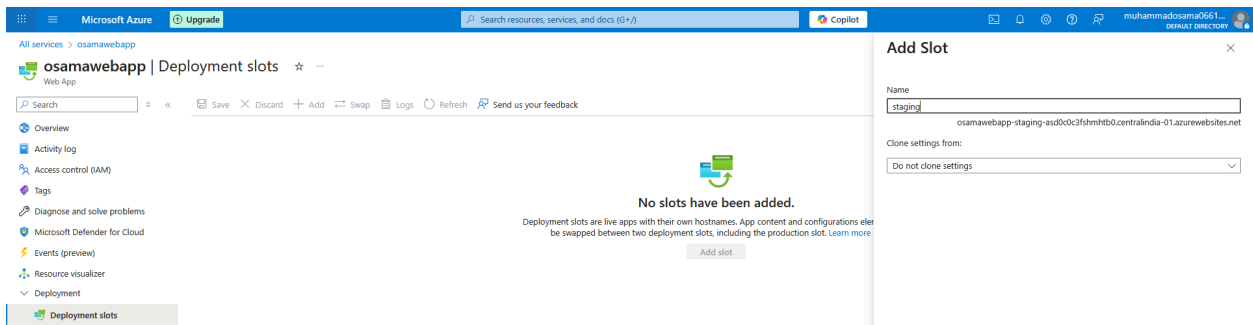
**Properties** Monitoring Logs Capabilities Notifications (0) Recommendations

**Web app**

Name	osamawebapp
Publishing model	
Runtime Stack	Php - 8.2



## Task 2 - Create and configure a deployment slot:



### Task 3 - Configure Web App deployment settings:

The screenshot displays the Microsoft Azure portal interface for configuring a Web App deployment. The top navigation bar shows the user is logged in as 'muhammadosama0661...'. The main content area is titled 'staging (osamawebapp/staging) | Deployment Center'. The left sidebar contains a navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Resource visualizer, Deployment, Deployment slots, and Deployment Center. The 'Deployment Center' section is expanded, showing 'Settings', 'Containers (new)', 'Logs', and 'FTP Credentials'. The 'Settings' tab is active, displaying the 'Deploy and build code from your preferred source and build provider' section. The 'Source' is set to 'External Git', and the 'Repository' is 'https://github.com/Azure-Samples/php-docs-hello-world'. The 'Branch' is 'master', and the 'Repository type' is 'Public'. The 'Build' section shows the 'Build provider' as 'App Service Build Service', the 'Runtime stack' as 'PHP', and the 'Version' as '8.2'. A 'Send us your feedback' link is also visible. On the right side, a Microsoft account sign-in prompt is shown for 'muhammadosama...'. At the bottom, a browser window displays the deployed application at 'osamawebapp-staging-axd0x0c3fshmtb0.centralindia-01.azurewebsites.net' with the text 'Hello World!'.

Task 4 - Swap deployment slots:

Microsoft Azure

Upgrade

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

Copilot

muhammadosama0661...  
DEFAULT DIRECTORY

All services > osamawebapp | Deployment slots > staging (osamawebapp/staging)

staging (osamawebapp/staging) | Deployment slots

App Service (Slot)

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Microsoft Defender for Cloud

Resource visualizer

Deployment

Deployment slots

Deployment Center

Settings

Performance

Announcing nolan

Deployment slots are live apps with their own hostnames. App content and configurations elements can be swapped between two deployment slots, including the production slot.

Name
osamawebapp <b>PRODUCTION</b>
osamawebapp-staging

Swap

Source  
osamawebapp-staging

Target **PRODUCTION**

osamawebapp

Swap with preview can only be used with

Perform swap with preview

Config Changes

This is a summary of the final set of configuration changes on the source and target deployment slots after the swap has completed.

Source slot changes

Target slot changes

Setting	Type	Old Value	New Value
No Changes			

Notifications

More events in the activity log

Swapping slots

Successfully swapped slots

Sign in with a different account

osamawebapp-gggdhgygudfbka3.centralindia-01.azurewebsites.net

Hello World!

Task 5 - Configure and test autoscaling of the Azure Web App:

Microsoft Azure

Upgrade

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

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DEFAULT DIRECTORY

All services > osamawebapp | Deployment slots > staging (osamawebapp/staging) | Diagnose and solve problems > Azure Load Testing >

Create a load testing resource

Validation passed.

Basics

Encryption

Tags

Review + create

Basics

Subscription  
az104-rg9

Resource group  
osamawebapp-loadtest1

Name  
Central India

Encryption

Encryption type  
MMK

Sign in with a different account

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

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DEFAULT DIRECTORY

All services > Microsoft.CloudNativeTesting1768049436040 | Overview >

osamawebapp-loadtest1

Azure Load Testing

Search

Refresh

Delete resource

Manage budget

Give feedback

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Tests

Settings

Monitoring

Automation

Help

Try the new AI-powered experience to record and create a JMeter script. Get started [here](#).

Resource group (moved) : ac104-rg2

Subscription (moved) : Azure subscription 1

Status : ---

Subscription ID : b27ea303-a842-43a4-8123-8bd4aec006b

Location : Central India

VULH usage (current mon... : 0 / No limit)

Get started

Test runs

Tutorials

Load test your application and infrastructure

Create by adding HTTP requests

Create a test by adding your HTTP endpoints and request details in portal.

Create

Run existing scripts at scale

Create a test by uploading JMeter or Locust scripts.

Create

Record and create scripts

Record your scenarios and use AI to generate real-world JMeter scripts.

Record

ices, and docs (G+)

Copilot

muhammadosama0661...  
DEFAULT DIRECTORY

## Add request

Enter the request details like URL, method, headers and body or add a cURL command. You can also add response variables to use in any subsequent requests as \$(VariableName). [Learn more](#)

Request format \*

☒ Add input in UI

☐ Add cURL command

Request name \*

Request1

URL \*

https://osamawebapp-ggghqgygudfbka3.centralindia-01.azurewebsites.net/

E.g. https://azure.microsoft.com

HTTP method \*

GET

### Query parameters

Headers

Response variables

Name

Value

URL Encode?

Enter name

Enter value

☐

Copy as cURL

Add

Cancel

Microsoft Azure

Upgrade

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

Copilot

muhammadosama0661...  
DEFAULT DIRECTORY

All services > Microsoft.CloudNativeTesting1768049436040 | Overview > osamawebapp-loadtest1 >

Create a URL-based test ...

Basics

Test plan

Parameters

Load

Monitoring

Test criteria

Review + create

Requests

Enter the request details that you want to test. You can add up to 5 requests in a test. [Learn more](#)

+ Add request

Name

Request1

Input data files

Upload the test data files in CSV format with 1 or less delimiters. The file should not have headers nor provide schema.

Microsoft

Sign out

muhammadosama...

muhammadosama0661@gm...

My Microsoft account

Switch directory

...

Sign in with a different account

Microsoft Azure

Upgrade

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

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DEFAULT DIRECTORY

All services >

osamawebapp-loadtest1

Azure Load Testing

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Help

Try the new AI-powered experience to record and create a JMeter script. [Get started](#)

Essentials

Resource group (move) : az104-rg2

Status : ---

Location : Central India

Subscription (move) : Azure subscription 1

Subscription ID : b27ea303-a842-43a4-8123-8bdf4aec006b

VUH usage (current mon... : 0 / No limit

Get started

Test runs

Tutorials

Recent test runs

Search test runs

Name	Description	Start time	Run by	Status
TestRun_1/10/2026_5:57:13 PM		10/01/2026, 5:57:13 pm	muhammadosama0661@gmail.com	Executing

Microsoft

Sign out

muhammadosama...

muhammadosama0661@gm...

My Microsoft account

Switch directory

...

Sign in with a different account

Microsoft Azure

Upgrade

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

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muhammadosama0661...  
DEFAULT DIRECTORY

All services > osamawebapp | Diagnose and solve problems > Azure Load Testing > osamawebapp-loadtest1 >

TestRun\_1/10/2026\_5:57:13 PM ...

Last updated by: muhammadosama0661@gmail.com | Initiated on: 10/01/2026, 5:57:13 pm

View all test runs

Stop

Delete

Configure server side metrics

Download

View logs

Share

Refresh

Give feedback

AI insights

Client side metrics

Server side metrics

Engine health

Client-side metrics

Requests : Request1

Aggregation : P90

Error Type : None

Group by : 10s

Virtual Users (Max)

Request1 | 50

Requests/sec (Avg)

Request1 | 202.5

Response time (successful responses)

Request1 P90 | 292.37ms

Errors (total)

Total errors | 0

Microsoft

Sign out

muhammadosama...

muhammadosama0661@gm...

My Microsoft account

Switch directory

...

Sign in with a different account