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

The image shows two screenshots of the Microsoft Azure portal.

**Screenshot 1: Create Web App Wizard**

This screenshot shows the 'Create Web App' wizard. The 'Review + create' step is selected. The configuration includes:

- Web App by Microsoft**
- Premium V3 (P1V3) sku** (Estimated price: 119.72 USD/Month)
- Basic authentication** is disabled.
- Details** section: Subscription (b27ea303-a842-43a4-8123-8bdff4ae006b), 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).
- Deployment**: Basic authentication (Disabled).

**Create**, **< Previous**, **Next >**, **Download a template for automation**.

**Screenshot 2: osamawebapp Overview**

This screenshot shows the 'osamawebapp' web app overview page. The 'Overview' tab is selected. Key details include:

- Resource group**: az104-rg9
- Status**: Running
- Location**: Central India
- Subscription**: Azure subscription 1
- Subscription ID**: b27ea303-a842-43a4-8123-8bdff4ae006b
- Tags**: (edit) : Add tags
- Properties** tab: Name (osamawebapp), Publishing model (Code), Runtime Stack (PHP - 8.2).

**Notifications** sidebar: Deployment success message for group 'az104-rg9'.

The screenshot shows the Microsoft Azure web app landing page for the URL `osamawebapp-gggdhqyqyudfbka3.centralindia-01.azurewebsites.net`. The page title is "Microsoft Azure". The main message is "Your web app is running and waiting for your content". It includes a note about deployment status and a "Quickstart" button. There are also links for "Deployment center" and "Built with PHP". A decorative icon of a computer monitor with code and a globe is present.

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

The screenshot shows the "Add Slot" dialog in the Azure portal. The "Name" field is set to "staging". The "Clone settings from:" dropdown is set to "osamawebapp-staging-asd0c0c3fshmhtb0.centralindia-01.azurewebsites.net". The "Do not clone settings" option is selected. The "Add slot" button is visible at the bottom.

The screenshot shows the "Deployment slots" list in the Azure portal. It lists two slots: "osamawebapp PRODUCTION" (Status: Running, App service: ASP-az1) and "osamawebapp-staging" (Status: Running, App service: ASP-az104rg9-9196). The "Sign in with a different account" link is visible on the right.

## Task 3 - Configure Web App deployment settings:

The screenshot shows the Microsoft Azure Deployment Center interface for a staging slot of a web app named 'osamawebapp'. The 'Settings' tab is selected. Under the 'Source' section, 'External Git' is chosen as the provider, with the repository URL set to 'https://github.com/Azure-Samples/php-docs-hello-world' and the branch set to 'master'. The 'Repository type' is set to 'Public'. In the 'Build' section, the build provider is 'App Service Build Service', the runtime stack is 'PHP', and the version is '8.2'. The left sidebar shows navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Resource visualizer, Deployment (selected), and Deployment slots.

## Task 4 - Swap deployment slots:

The screenshot shows the Microsoft Azure portal interface. At the top, there's a search bar and a Copilot button. On the right, the user profile is shown with options to sign out and switch directory.

The main area displays two separate screenshots of the 'Deployment slots' blade for an app service named 'osamawebapp'. In the first screenshot, the 'staging' slot is selected. In the second screenshot, the 'Production' slot is selected. Both screenshots show the 'Swap' button highlighted.

Below the screenshots, a 'Swap' panel is open. It shows the 'Source' slot as 'osamawebapp-staging' and the 'Target' slot as 'PRODUCTION'. There are checkboxes for 'Swap with preview' and 'Perform swap with preview'. A 'Config Changes' section shows no changes made.

At the bottom, a browser window shows the application running at the URL `osamawebapp-gggdheqyudfbka3.centralindia-01.azurewebsites.net`. The page content says 'Hello World!'

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

The screenshot shows the Microsoft Azure portal interface. At the top, there's a search bar and a Copilot button. On the right, the user profile is shown with options to sign out and switch directory.

The main area displays a 'Create a load testing resource' blade. The title is 'Create a load testing resource ...'. Below it, a green bar indicates 'Validation passed.'.

The blade has tabs for 'Basics', 'Encryption', 'Tags', and 'Review + create'. The 'Basics' tab is selected. It shows the following configuration:

Setting	Value
Subscription	Azure subscription 1
Resource group	az104-rg9
Name	osamawebapp-loadtest1
Region	Central India

The 'Encryption' tab shows the 'Encryption type' as 'MMK'.

Microsoft Azure Upgrade

All services > Microsoft.CloudNativeTesting1768049436040 | Overview >

**osamawebapp-loadtest1** Acute Load Testing

Search Refresh Delete resource Manage budget Give feedback

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

Overview Activity log Access control (IAM) Tags Resource visualizer Tests Settings Monitoring Automation Help

Resource group (move) : az104-rg2 Status : ... Location : Central India

Subscription (move) : Azure subscription\_1 Subscription ID : b27ea303-a842-43a4-8123-8bdff4aec006b VUH usage (current mon...) : 0 / No limit

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ices, and docs (G+/)

Copilot

Sign out

**Add request**

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

Request format \*  Add input in UI  Add cURL command

Request name \*

URL \*  E.g. https://azure.microsoft.com

HTTP method \*

Query parameters Headers Response variables

Name <span>①</span>	Value <span>①</span>	URL Encode? <span>①</span>
<input type="text" value="Enter name"/>	<input type="text" value="Enter value"/>	<input type="checkbox"/>

[Copy as cURL](#)

**Add** **Cancel**

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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

Sign out

**muhammadosama...**  
muhammadosama0661@gmail.com  
[My Microsoft account](#)  
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**Essentials**

Resource group : az104-rg2 Status : ... Subscription (move) : [Azure subscription 1](#)  
Subscription ID : b27ea303-a842-43a4-8123-9bdf4aec006b  
Location : Central India VUH usage (current mon...) : 0 / No limit

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Recent 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

Sign out

**muhammadosama...**  
muhammadosama0661@gmail.com  
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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

Sign out

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