

# AZURE SDK PYTHON ASSIGNMENT -3

## 1. Write a script to create an App service plan.

The screenshot shows the Azure portal interface for a resource group named 'AZRG-USE2-CON-NPDHASHEDINAZUREINTERNALPOC-NPD-002'. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Deployments, Security, Policies, Properties, Locks, Cost Management, and Monitoring. The main content area displays the 'Resources' tab, showing a list of resources with columns for Name, Type, and Location. The resources listed are:

Name	Type	Location
hu-prajwal-ip	Public IP address	East US
hu-prajwal-nic	Network interface	East US
hu-prajwal-vnet	Virtual network	East US
prajwal-vm	Virtual machine	East US
prajwal-vm_OsDisk_1_6a509587133147fe9432442aa636f54	Disk	East US
prajwal-WebApp-plan	App Service plan	East US
prajwalstorage43582	Storage account	East US

The screenshot shows the Azure portal interface for the 'prajwal-WebApp-plan' resource. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Events (preview), Settings, Apps, File system storage, Networking, Scale up (App Service plan), Scale out (App Service plan), Properties, Locks, Monitoring, Alerts, Metrics, Logs, and Diagnostic settings. The main content area displays the 'Essentials' tab, showing key information about the App Service plan:

- Resource group: AZRG-USE2-CON-NPDHASHEDINAZUREINTERNALPOC-NPD-002
- Status: Ready
- Location: East US
- Subscription: US-AZSUB-AME-CON-HASHEDIN-AZURE-INTERNAL-POC-NPD
- Subscription ID: fcd4d0d9-59c4-451c-9665-a0001f80e9e2
- Tags: BILLINGCODE: LPX02939-01-01-01-0000, COUNTRY: US, FUNCTION: CON, MEMBERFIRM: US
- App Service Plan: prajwal-WebApp-plan (B1: 1)
- App(s) / Slots: 1 / 0
- Operating System: Linux
- Zone redundant: Disabled

Below the Essentials section, there are three monitoring charts:

- CPU Percentage:** A line chart showing CPU usage over time. The average CPU percentage is 5%.
- Memory Percentage:** A line chart showing memory usage over time. The average memory percentage is 53.5909%.
- Data In:** A line chart showing data input over time. The total data input is 3.29 KB.

prajwal-WebApp-plan - Micros

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portal.azure.com/#@36da45f1-dd2c-4d1f-af13-5abe46b99921/resource/subscriptions/fcd4d0d9-59c4-451c-9665-a0001f80e9e2/resourceGroups/azrg-use...Incognito (2)

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Linux plan

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Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Events (preview)

Settings

Apps

File system storage

Networking

Scale up (App Service plan)

Scale out (App Service plan)

Properties

Locks

Monitoring

Alerts

Metrics

Logs

Diagnostic settings

Automation

Name	Type	Resource Group	Status
webappExample-WebApp-63094	app,linux	azrg-use2-con-npdhashedinazureinternalpo...	Running

webappExample-WebApp-630

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portal.azure.com/#@36da45f1-dd2c-4d1f-af13-5abe46b99921/resource/subscriptions/fcd4d0d9-59c4-451c-9665-a0001f80e9e2/resourceGroups/azrg-use...Incognito (2)

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App Service

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Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Security

Events (preview)

Deployment

Quickstart

Deployment slots

Deployment Center

Settings

Configuration

Authentication

Application Insights

Identity

Backups

Custom domains

TLS/SSL settings

TLS/SSL settings (preview)

Browse

Stop

Swap

Restart

Delete

Refresh

Get publish profile

Reset publish profile

Share to mobile

Send your feedback

Essentials

JSON View

Resource group (Move) : azrg-use2-con-npdhashedinazureinternalpod-npd-002

URL : https://webappexample-webapp-63094.azurewebsites.net

Status : Running

App Service Plan : prajwal-WebApp-plan (B1: 1)

Location : East US

FTP/deployment username : No FTP/deployment user set

Subscription (Move) : US-AZSUB-AME-CON-HASHEDIN-AZURE-INTERNAL-POC-NPD

FTP hostname : ftp://waws-prod-blu-247.ft.azurewebsites.windows.net/site...

Subscription ID : fcd4d0d9-59c4-451c-9665-a0001f80e9e2

FTPS hostname : ftps://waws-prod-blu-247.ft.azurewebsites.windows.net/sit...

Tags (Edit) : guardra... : {"config":"","time":"11/25/2021 8:19:52 AM","version":"1...

BILLINGCODE : LPX02939-01-01-01-0000

COUNTRY : US

More (2)

Diagnose and solve problems

Our self-service diagnostic and troubleshooting experience helps you identify and resolve issues with your web app.

App Service Advisor

App Service Advisor provides insights for improving app experience on the App Service platform. Recommendations are sorted by freshness, priority and impact to your app.

Http 5xx

Data In

Data Out