

AZURE Assignment 4 – Introduction to DevOps

Creating a WEB APP (App Services)

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Microsoft Azure

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Create Web App

Basics Database Container Networking Monitor + secure Tags Review + create

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 * NewMachine_group

Create new

Instance Details

Name myDockerWebAppSaeed

-cxcsedekc6dy6e6.eastus-01.azurewebsites.net

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

Publish * Code Container

Operating System * Linux Windows

Region * East US

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 (East US) * (New) ASP-NewMachinegroup-9fb1

Create new

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

Explore pricing plans

Zone redundancy

An App Service plan can be deployed as a zone redundant service in the regions that support it. This is a deployment time only decision. You can't make an App Service plan zone redundant after it has been deployed. [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 three.

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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Summary

Web App by Microsoft

Basic (B1) sku

Estimated price - 12.41 USD/Month

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

Details

Subscription 6b502690-0658-4b4a-8447-470a1f83d08b

Resource Group NewMachine_group

Name myDockerWebAppSaeed

Secure unique default hostname Enabled

Publish Container

Image Tag index.docker.io/mcr.microsoft.com/azuredocs/aci-helloworld

Server URL https://index.docker.io

App Service Plan (New)

Name ASP-NewMachinegroup-9fb1

Operating System Linux

Region East US

SKU Basic

Size Small

ACU 100 total ACU

Memory 1.75 GB memory

Monitor + secure

Application Insights Not enabled

Deployment

Basic authentication Disabled

Continuous deployment Not enabled / Set up after app creation

Validating...

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Download a template for automation

*** Initializing deployment...
Initializing template deployment to resource group 'NewMachine_group'.

All services >

Microsoft.Web-WebApp-Portal-538d1a2a-8a4d | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: Microsoft.Web-WebApp-Portal-538d1a2a-8a4d
Subscription: Azure for Students
Resource group: NewMachine_group
Start time: 4/12/2025, 12:54:25 PM
Correlation ID: e7698843-9c15-400b-a269-52fa000e6c70

Deployment details

Next steps

Manage deployments for your app. Recommended

Protect your app with authentication. Recommended

Go to resource

Give feedback

Tell us about your experience with deployment

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myDockerWebAppSaeed

Web App

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Microsoft Defender for Cloud

Events (preview)

Recommended services (preview)

Resource visualizer

Deployment

Settings

Performance

App Service plan

Development Tools

API

Essentials

Resource group: NewMachine_group

Status: Running

Location (most): East US

Subscription: Azure for Students

Subscription ID: 6b502690-0658-4b4a-8447-470a1f83d08b

Default domain: mydockersaeed-cxcxsesedec6dye6-eastus-01.azurewebsites.net

App Service Plan: ASP-NewMachineGroup-9fb1 (B1: 1)

Operating System: Linux

Health Check: Cannot fetch health check data. Please try again

Tags: Add tags

Properties Monitoring Logs Capabilities Notifications (0)

Web app

Name: myDockerWebAppSaeed

Publishing model: Container

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Resource JSON

myDockerWebAppSaeed

Resource ID

API Versions

/subscriptions/6b502690-0658-4b4a-8447-470a1f83d08b/resourceGroups/NewMachine_group/p...

2022-03-01

```
1 {
2   "id": "/subscriptions/6b502690-0658-4b4a-8447-470a1f83d08b/resourceGroups/NewMachine_group/providers/Microsoft.Web/sites/myDockerWebAppSaeed",
3   "name": "myDockerWebAppSaeed",
4   "type": "Microsoft.Web/sites",
5   "kind": "app,linux,container",
6   "location": "East US",
7   "properties": {
8     "name": "myDockerWebAppSaeed",
9     "kind": "app,linux,container",
10    "location": "East US",
11    "properties": {
12      "name": "myDockerWebAppSaeed-cxcxsesedec6dye6-eastus-01.azurewebsites.net",
13      "state": "Running",
14      "hostNames": [
15        "ps://waws-prod-blu-263.api.azurewebsites.windows.net:454/subscriptions/6b502690-0658-4b4a-8447-470a1f83d08b/resourceGroups/NewMachine_group/providers/Microsoft.Web/sites/myDockerWebAppSaeed",
16        "myDockerWebAppSaeed-cxcxsesedec6dye6-eastus-01.azurewebsites.net"
17      ],
18      "webSpace": "NewMachineGroup-9fb1",
19      "selfLink": "https://ps://waws-prod-blu-263.api.azurewebsites.windows.net:454/subscriptions/6b502690-0658-4b4a-8447-470a1f83d08b/resourceGroups/NewMachine_group/providers/Microsoft.Web/sites/myDockerWebAppSaeed",
20      "repositorySite": true,
21      "owner": null,
22      "featuresEnabled": false,
23      "usageState": "NotConfigured",
24      "enabled": true,
25      "adminEnabled": true,
26      "siteScopedCertificateEnabled": true,
27      "afdEnabled": false,
28      "enabledHostName": "myDockerWebAppSaeed-cxcxsesedec6dye6-eastus-01.azurewebsites.net",
29      "myDockerWebAppSaeed": "myDockerWebAppSaeed"
30    }
31  }
```

Welcome to Azure Container Instances!

