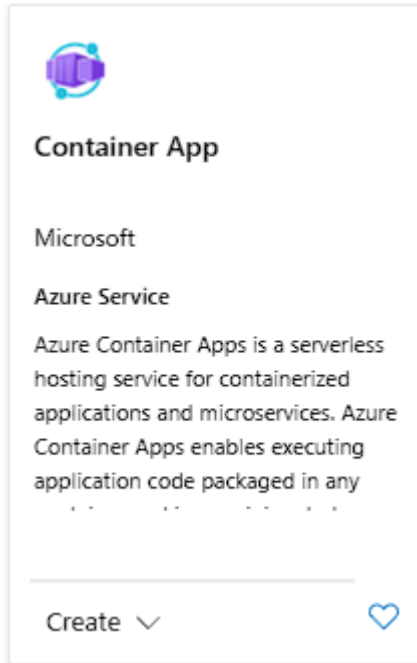


## 😊 AZURE CONTAINER APPS

1. Log in to Azure Portal. Then go to create resources.
2. Now search for container app. Choose this one accordingly.



3. Here you need to select your resource group, then give your container a name and move forward.
4. Now select your region then in the container apps environment, click on create new.

# Create Container App ...

**Basics**   Container   Bindings   Tags   Review + create

Azure Container Apps are containerized apps that scale on demand without requiring you to manage cloud infrastructure. You'll need a container and an environment for your first app. Select existing resources, or create them now. [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 *	<div>Free Trial</div>
Resource group *	<div>appvm</div> <div><a href="#">Create new</a></div>
Container app name *	<div>nginxcontainer123</div>

## Container Apps Environment

The environment is a secure boundary around one or more container apps that can communicate with each other and share a virtual network, logging, and Dapr configuration. [Container Apps Pricing](#)

Show environments in all regions ⓘ	<input type="checkbox"/>
Region *	<div>North Europe</div>
Container Apps Environment *	<div>(new) managedEnvironment-appvm-9014 (appvm)</div> <div><a href="#">Create new</a></div>

- Now inside container app environment, in the environment type select it to consumption only.
- Then leave everything as it is and create it. Move to next page.

**i** GPU enabled workload profiles are now available. Please note GPU enabled workload profiles can only be added at the time of Azure Container Apps Environment creation.

The environment is a secure boundary around one or more container apps that can communicate with each other and share a virtual network, logging, and Dapr configuration. [Learn more](#)

#### Environment details

Environment name \*

managedEnvironment-appvm-9014

Environment type \*

- ☐ **Workload Profiles:** Supports the Consumption and Dedicated plans. Run serverless apps with support for scale-to-zero and pay only for resources your apps use. Optionally, run apps with customized hardware and increased cost predictability using Dedicated workload profiles.
- ☒ **Consumption only:** Supports the Consumption plan. Run serverless apps with support for scale-to-zero and pay only for resources your apps use.

#### Zone redundancy

A Container App Environment 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 Container App Environment zone redundant after it has been deployed. [Learn more](#)

Zone redundancy \*

- ☒ **Disabled:** Your Container App Environment and the apps in it will not be zone redundant.
- ☐ **Enabled:** Your Container App Environment and the apps in it will be zone redundant. This requires vNet integration.

7. In the container section.
8. Uncheck use quick start image.
9. Then in the image source select it to docker hub or other registries.
10. The image type should be private.
11. Then for the image and tag, nginx:latest
12. Now move to next page.

Basics **Container** Bindings Ingress Tags Review + create

Select a quickstart image for your container, or deselect quickstart image to use an existing container.

Use quickstart image ☐

### Container details

You can change these settings after creating the Container App.

Name *	<input type="text" value="nginxcontainer123"/>
Image source	<input type="radio"/> Azure Container Registry <input checked="" type="radio"/> Docker Hub or other registries
Image type	<input checked="" type="radio"/> Public <input type="radio"/> Private
Registry login server * ⓘ	<input type="text" value="docker.io"/>
Image and tag *	<input type="text" value="nginx:latest"/>
Command override ⓘ	<input type="text" value="Example: /bin/bash, -c, echo hello; sleep 100000"/>

### Container resource allocation

CPU and Memory *	<input type="text" value="0.25 CPU cores, 0.5 Gi memory"/> <span>▼</span>
------------------	---

### Environment variables

Name	Value	Delete
<input type="text" value="Enter name"/>	<input type="text" value="Enter value"/>	

13. Now in the Ingress section. Firstly, enable ingress option.
14. Then for the ingress traffic select, accepting traffic from anywhere.
15. And in the last select target port to 80.
16. Now move to review page and create your container app.

Basics Container Bindings Ingress Tags Review + create

### Application ingress settings

Enable ingress for applications that need an HTTP or TCP endpoint.

Ingress ⓘ	<input checked="" type="checkbox"/> Enabled
Ingress traffic	<div><input type="radio"/> <b>Limited to Container Apps Environment</b></div> <div><input type="radio"/> <b>Limited to VNet:</b> Applies if 'internal' setting is set to true on the Container Apps environment</div> <div><input checked="" type="radio"/> <b>Accepting traffic from anywhere:</b> Applies if 'internal' setting is set to false on the Container Apps environment</div>
Ingress type ⓘ	<div><input checked="" type="radio"/> HTTP</div> <div><input type="radio"/> TCP</div>
Client certificate mode ⓘ	<div><input type="radio"/> Ignore</div> <div><input type="radio"/> Accept</div> <div><input type="radio"/> Require</div>
Transport	<div>Auto</div>
Insecure connections	<input type="checkbox"/> Allowed
Target port * ⓘ	<div>80</div>
Session affinity ⓘ	<input type="checkbox"/> Enabled

17. It might take some time to get deployed.

18. Once it gets deployed, then go to resources.

### ✓ Your deployment is complete

	Deployment name : Microsoft.App-ContainerApp-Portal-67e56e22-9861	Start time : 1/3/2024, 3:17:54 PM
	Subscription : <a href="#">Free Trial</a>	Correlation ID : a5939b41-d430-48b0-85d5-e527ee506d22
	Resource group : appvm	

> Deployment details

✓ Next steps

[Go to resource](#)

19. In the resource page you will see this overview of your container app.

20. Now you need to copy this application URL and paste it in the new tab.

nginxcontainer123

Container App

Search

Delete Refresh Send us your feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Application

Revisions

Containers

Scale and replicas

Settings

Authentication

Secrets

Ingress

Continuous deployment

Custom domains

Dapr

Essentials

Resource group (move) : [appvm](#)

Location (move) : North Europe

Subscription (move) : [Free Trial](#)

Subscription ID : 9acac69d-f5ab-4d7e-9feb-ac0e3ea4372f

Tags (edit) : [Add tags](#)

Application Url : <https://nginxcontainer123.de1ghtfulhill-b1b72ac0.northeurope.azurecontainerapps.io>

Container Apps Environment : [managedEnvironment-appvm-9014](#)

Environment type : Consumption only

Log Analytics : [workspaceappvm9014](#)

JSON View

Revisions with Issues Properties Monitoring Get started

Container App

Provisioning Status : Succeeded

Revision Mode : Single

Latest Revision Name : nginxcontainer123--9y0hucc

Networking

Ingress : Enabled

Outbound Ip Addresses : 20.93.57.73

← ↻ 🏠 <https://nginxcontainer123.de1ghtfulhill-b1b72ac0.northeurope.azurecontainerapps.io> 🌐 ⚙️ 🔍 📄 ⌵ 🔌 ⚡ ⚙️ ⋮ 🌐

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](https://nginx.org).

Commercial support is available at [nginx.com](https://nginx.com).

Thank you for using nginx.

Once you have deployed your app successfully now delete your resources accordingly.

<input checked="" type="checkbox"/>	 managedEnvironment-appvm-9014	Container Apps Environment	North Europe
<input checked="" type="checkbox"/>	 nginxcontainer123	Container App	North Europe

Delete both of these and you are good to go.