

Assignment: 02
Lab: 09b
Name: Ameer Umar Khan
ID: 2280137
Section: 7B

Task 1:

Creating container instance

Microsoft Azure

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

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Home > Container instances >

Create container instance

Azure Container Instances (ACI) allows you to quickly and easily run containers on Azure without managing servers or having to learn new tools. ACI offers per-second billing to minimize the cost of running containers on the cloud.
[Learn more about Azure Container Instances >](#)

Project details
Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Resource group *
[Create new](#)

Container details

Container name *

Region *

Availability zones (Preview)

SKU

Image source * ☒ Quickstart images
☐ Azure Container Registry
☐ Other registry

Run with Azure Spot discount ☐
Spot containers are not available in the selected region. [Learn more >](#)

Image *

Size *
[Change size](#)

[Review + create](#) [Give feedback](#)

Networking

Microsoft Azure

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Create container instance

Basics **Networking** Monitoring Advanced Tags Review + create

Choose between three networking options for your container instance:

- Public** will create a public IP address for your container instance.
- Private** will allow you to choose a new or existing virtual network for your container instance.
- None** will not create either a public IP or virtual network. You will still be able to access your container logs using the command line.

Networking type ☒ Public ☐ Private ☐ None

DNS name label

DNS name label scope reuse *

Ports Ports protocol

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Monitoring

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Create container instance

Basics Networking **Monitoring** Advanced Tags Review + create

Configure monitoring options for your container instance.

Insights

Enable container instance logs

Review + create

< Previous

Next : Advanced >

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Create container instance

Validation passed

Basics Networking Monitoring Advanced Tags **Review + create**

Basics

Subscription

Azure subscription 1

Resource group

(new) az104-rg9

Region

East US

Container name

az104-c1

SKU

Standard

Image type

Public

Image

mcr.microsoft.com/azuredocs/aci-helloworld:latest

OS type

Linux

Memory (GiB)

1.5

Number of CPU cores

1

GPU type (preview)

None

GPU count

0

Networking

Networking type

Public

Ports

80 (TCP)

DNS name label

dns-name-2280137

DNS name label scope reuse

Tenant

Monitoring

Enable container instance logs

Off

Advanced

Create

< Previous

Next >

Download a template for automation

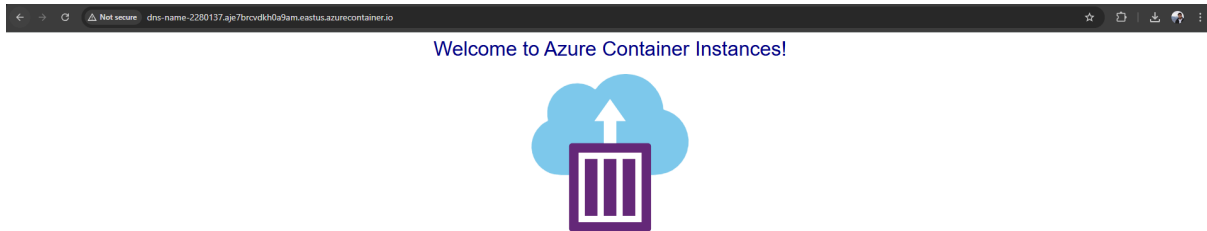
Give feedback

Task 2:

Verifying the status

^ Essentials		SKU	: Standard
Resource group (move)	: az104-rg9	OS type	: Linux
Status	: Running	IP address (Public)	: 4.157.76.127
Location	: East US	FQDN	: dns-name-2280137.aje7brcvdkh0a9am.eastus.azurecontainer.io
Subscription (move)	: Azure subscription 1	Container count	: 1
Subscription ID	: 9c95a83d-2817-48dc-9b2e-0c496f8b0cfb		
Tags (edit)	: Add tags		

Checking http://<FDQN> value



Log entries

Microsoft Azure

Home > Container instances > az104-c1

Container instances

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+ Create Manage view ...

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Name 1

az104-c1

az104-c1 | Containers

Container instances

Search Refresh Give feedback

1 container and 0 init containers

Name	Image	State	Previous state	Start time
az104-c1	mcr.microsoft.com/azuredocs/aci-helloworld	Running	-	2026-01-14T11:55:15

Events Properties Logs Connect

To troubleshoot your container further, please navigate to Logs. Learn more

```
Listening on port 80
::ffff:10.92.0.11 - - [14/Jan/2026:11:57:04 +0000] "GET / HTTP/1.1" 200 1696 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Safari/537.36"
::ffff:10.92.0.11 - - [14/Jan/2026:11:57:05 +0000] "GET /favicon.ico HTTP/1.1" 404 150 "http://dns-name-2280137.aje7brcvdkh0a9am.eastus.azurecontainer.io/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Safari/537.36"
::ffff:10.92.0.9 - - [14/Jan/2026:11:58:00 +0000] "GET / HTTP/1.1" 304 - "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Safari/537.36"
::ffff:10.92.0.9 - - [14/Jan/2026:11:58:00 +0000] "GET / HTTP/1.1" 200 1696 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Safari/537.36"
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::ffff:10.92.0.11 - - [14/Jan/2026:11:58:04 +0000] "GET / HTTP/1.1" 304 - "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Safari/537.36"
```

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