

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

Task 1:

Creating 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: Azure subscription 1
Resource group: (New) az104-rg9

Container details

Container name: az104-c1
Region: (US) East US
Availability zones (Preview): None
SKU: Standard
Image source: Quickstart images
 mcr.microsoft.com/azuredocs/aci-helloworld:latest (Linux)
Size: 1 vcpus, 1.5 GB memory, 0 gpus

Run with Azure Spot discount:

Image: mcr.microsoft.com/azuredocs/aci-helloworld:latest (Linux)

Review + create < Previous Next : Networking > Give feedback

Networking

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

DNS name label: dns-name-2280137
DNS name label scope reuse: Tenant

Ports:

Port	Protocol
80	TCP

Review + create < Previous Next : Monitoring > Give feedback

Monitoring

The screenshot shows the 'Create container instance' wizard on the 'Monitoring' tab. At the top, there are tabs for Basics, Networking, Monitoring (which is selected), Advanced, Tags, and Review + create. Below the tabs, a section titled 'Configure monitoring options for your container instance.' contains a sub-section 'Insights' with a checkbox labeled 'Enable container instance logs'. At the bottom of the page are navigation buttons: 'Review + create' (highlighted in blue), '< Previous', 'Next : Advanced >', and a 'Give feedback' link.

Review + create

The screenshot shows the 'Create container instance' wizard on the 'Review + create' tab. At the top, there are tabs for Basics, Networking, Monitoring, Advanced, Tags, and Review + create. A green bar at the top indicates 'Validation passed'. The main area displays configuration details under several sections: Basics, Networking, Monitoring, and Advanced. Under Basics, settings include Subscription (Azure subscription 1), Resource group (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 (1.5 GiB), Number of CPU cores (1), GPU type (None), and GPU count (0). Under Networking, settings include Networking type (Public), Ports (80 (TCP)), DNS name label (dns-name-2280137), and DNS name label scope reuse (Tenant). Under Monitoring, the setting 'Enable container instance logs' is set to Off. Under Advanced, there is a note 'Download a template for automation'. At the bottom are navigation buttons: 'Create' (highlighted in blue), '< Previous', 'Next >', and a 'Give feedback' link.

Task 2:

Verifying the status

Essentials	
Resource group (move)	: az104-rg9
Status	: Running
Location	: East US
Subscription (move)	: Azure subscription 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 | Container instances

You are viewing a new version of Browse experience. Click here to access the old experience.

+ Create Manage view ...

Name: az104-c1

Containers

Overview Activity log Access control (IAM) Tags Resource visualizer Settings

Containers

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/2026:11:58:01 +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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Add or remove favorites by pressing Ctrl+Shift+f.

