Introduction to Cloud Computing

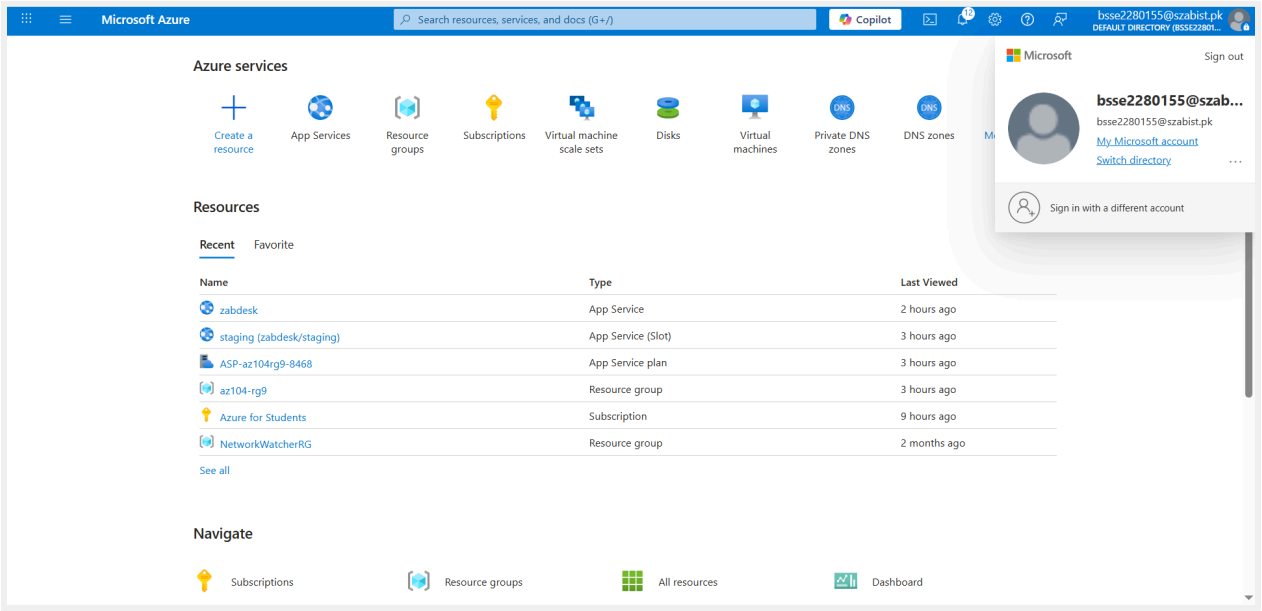
LAB 09b

Name: Muhammad Yahya

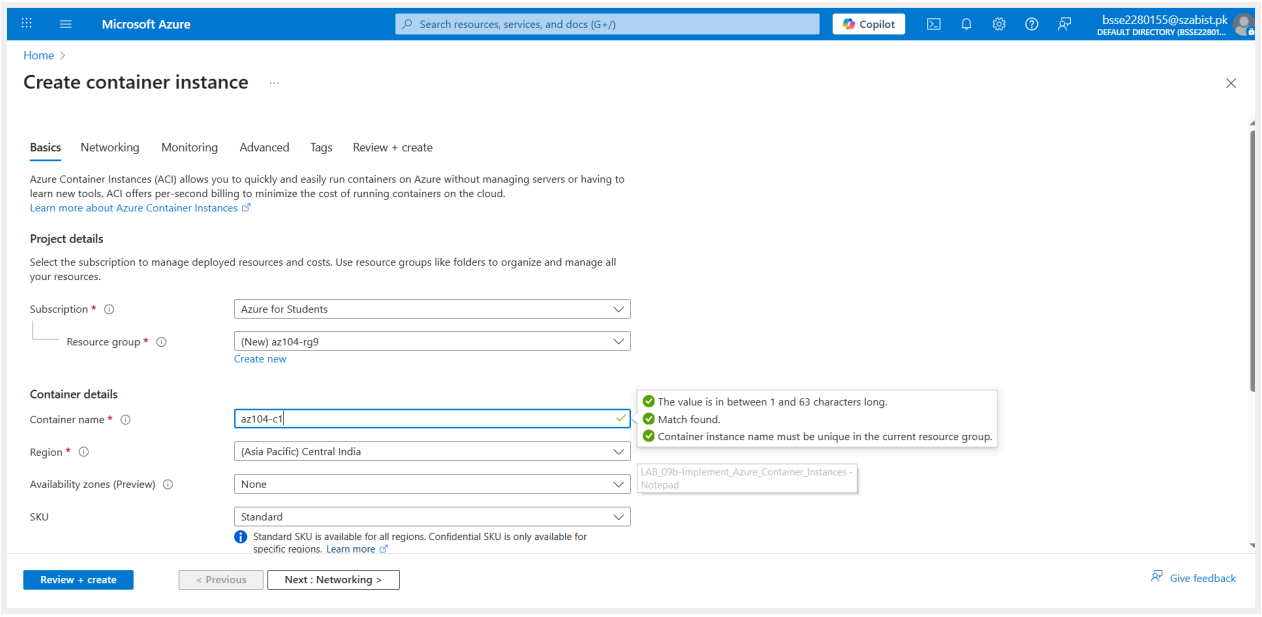
ID: 2280155

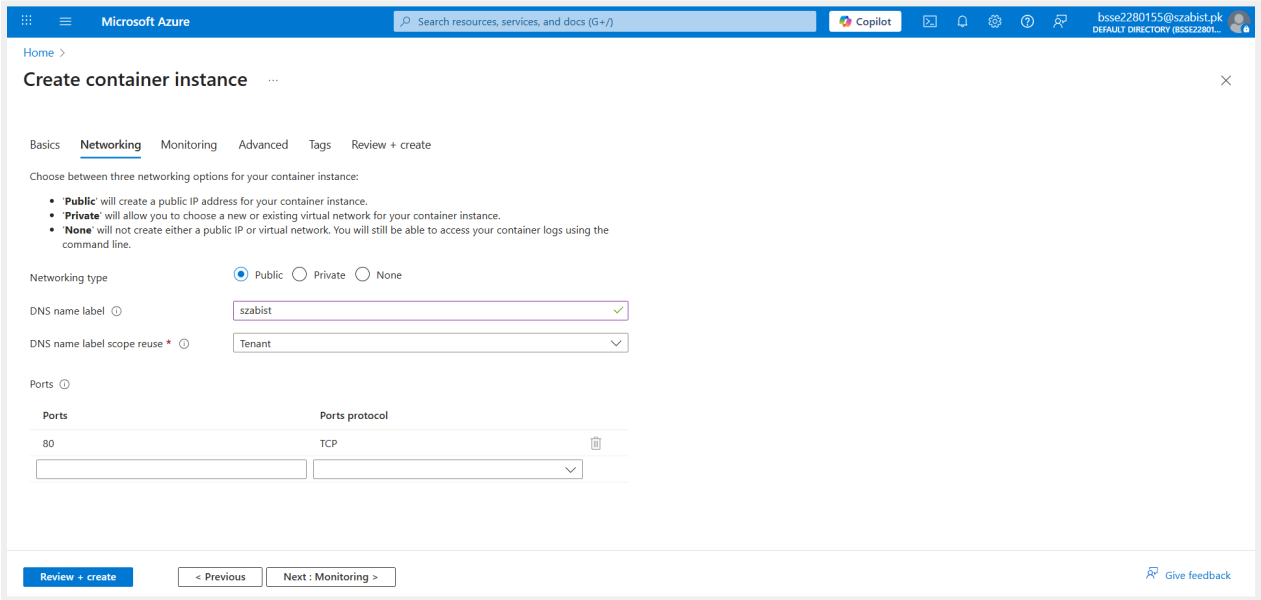
BS-SE 7B

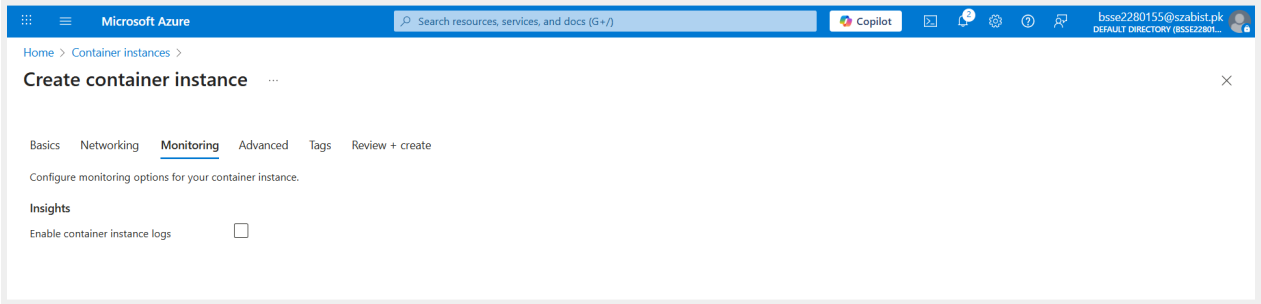
Task 1: Deploy an Azure Container Instance using a Docker image

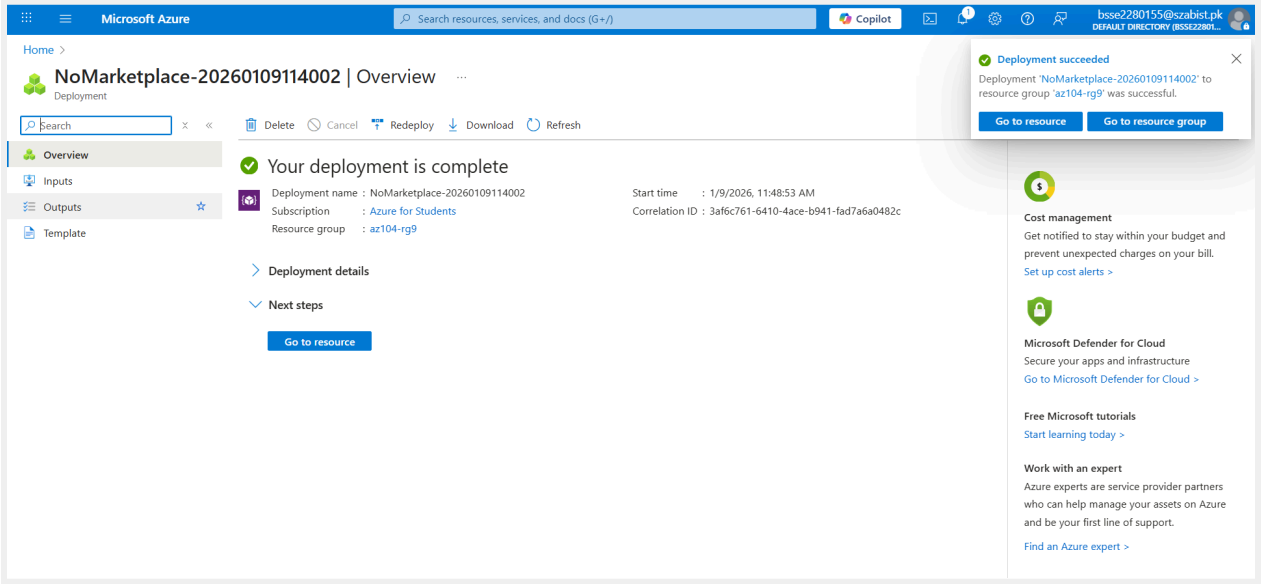


- search for and select **Container instances** and then, on the **Container instances** blade, click **Create**.



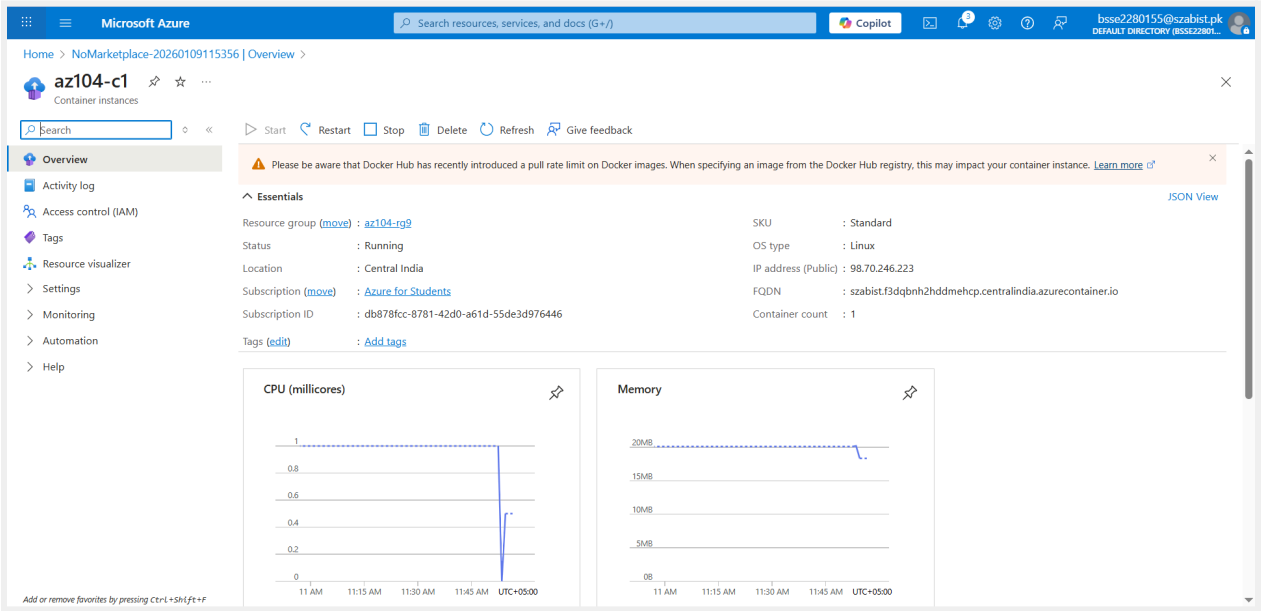

Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
bsse2280155@szabist.pk
DEFAULT DIRECTORY (BSSE2280...
Home
Create container instance
Basics
Networking
Monitoring
Advanced
Tags
Review + create
Choose between three networking options for your container instance:
'Public' will create 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
szabist
DNS name label scope reuse *
Tenant
Ports
Ports
Ports protocol
80
TCP
Review + create
< Previous
Next : Monitoring >
Give feedback


Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
bsse2280155@szabist.pk
DEFAULT DIRECTORY (BSSE2280...
Home
Container instances
Create container instance
Basics
Networking
Monitoring
Advanced
Tags
Review + create
Configure monitoring options for your container instance.
Insights
Enable container instance logs

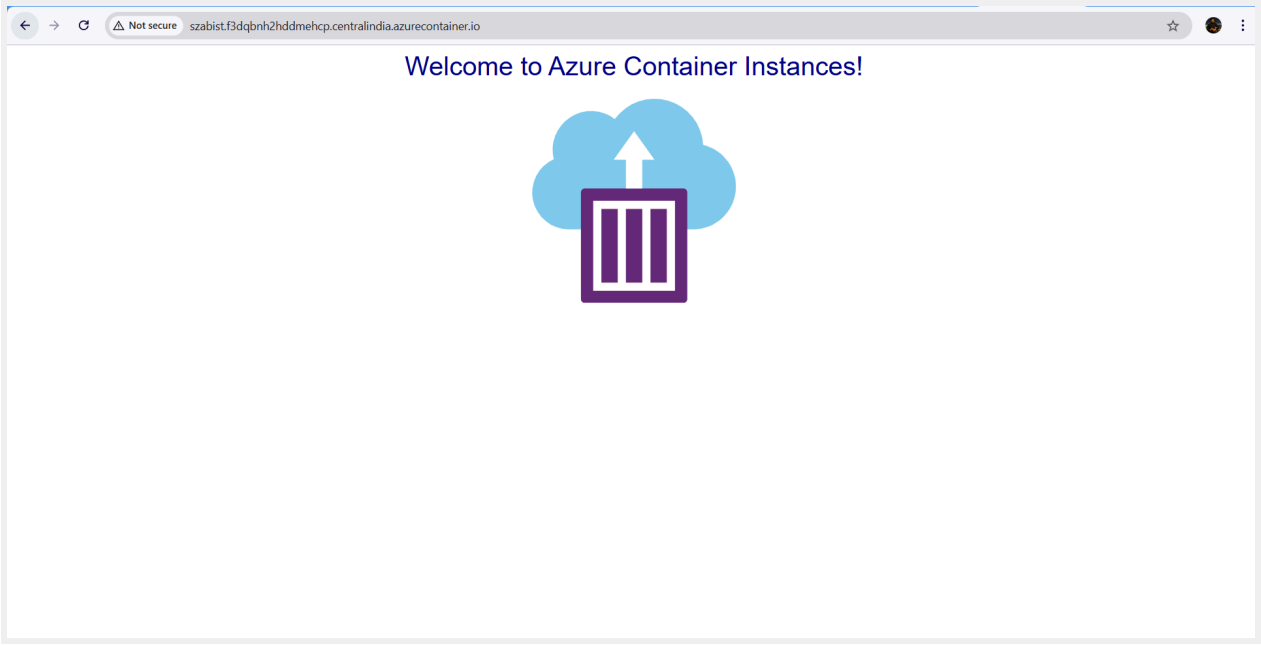

Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
bsse2280155@szabist.pk
DEFAULT DIRECTORY (BSSE2280...
Home
NoMarketplace-20260109114002 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Your deployment is complete
Deployment name : NoMarketplace-20260109114002
Subscription : Azure for Students
Resource group : az104-rg9
Start time : 1/9/2026, 11:48:53 AM
Correlation ID : 3af6c761-6410-4ace-b941-fad7a6a0482c
Deployment details
Next steps
Go to resource
Deployment succeeded
Deployment 'NoMarketplace-20260109114002' to resource group 'az104-rg9' was successful.
Go to resource
Go to resource group
Cost management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >
Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >
Free Microsoft tutorials
Start learning today >
Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
Find an Azure expert >

Task 2: Test and verify deployment of an Azure Container Instance

- When the deployment completes, select **Go to resource** link.
- On the **Overview** blade of the container instance, verify that **Status** is reported as **Running**.



- Copy the value of the container instance **FQDN**, open a new browser tab, and navigate to the corresponding URL.



- In the **Settings** section of the container instance blade, click **Containers**, and then click **Logs**.