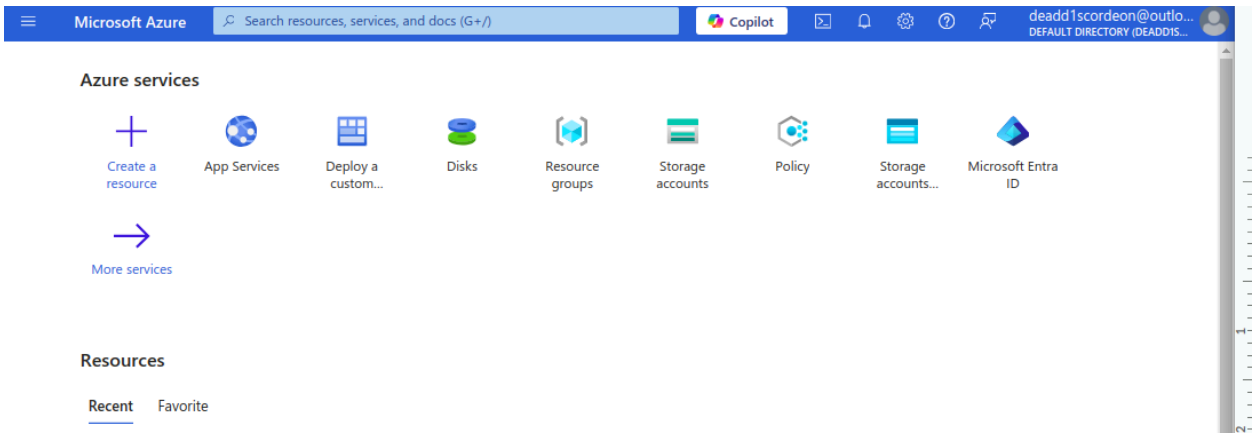
AZ-104-Microsoft Azure Administrator Kateryna Bakhmat

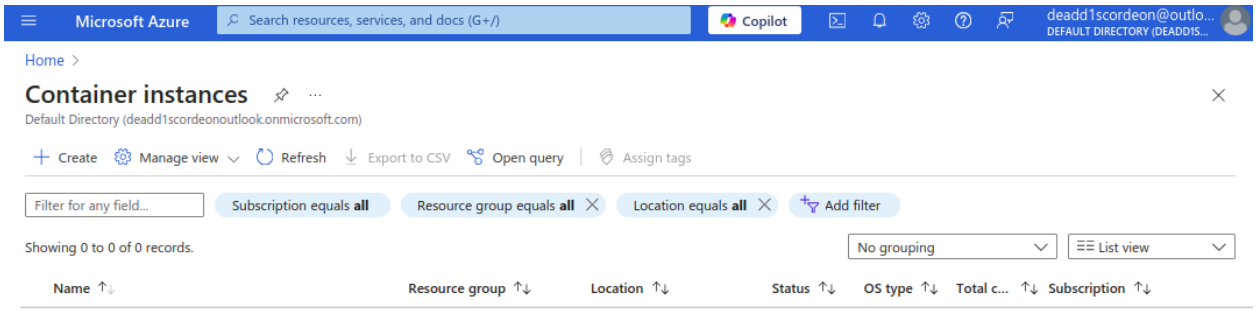
Lab 09b - Implement Azure Container Instances

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

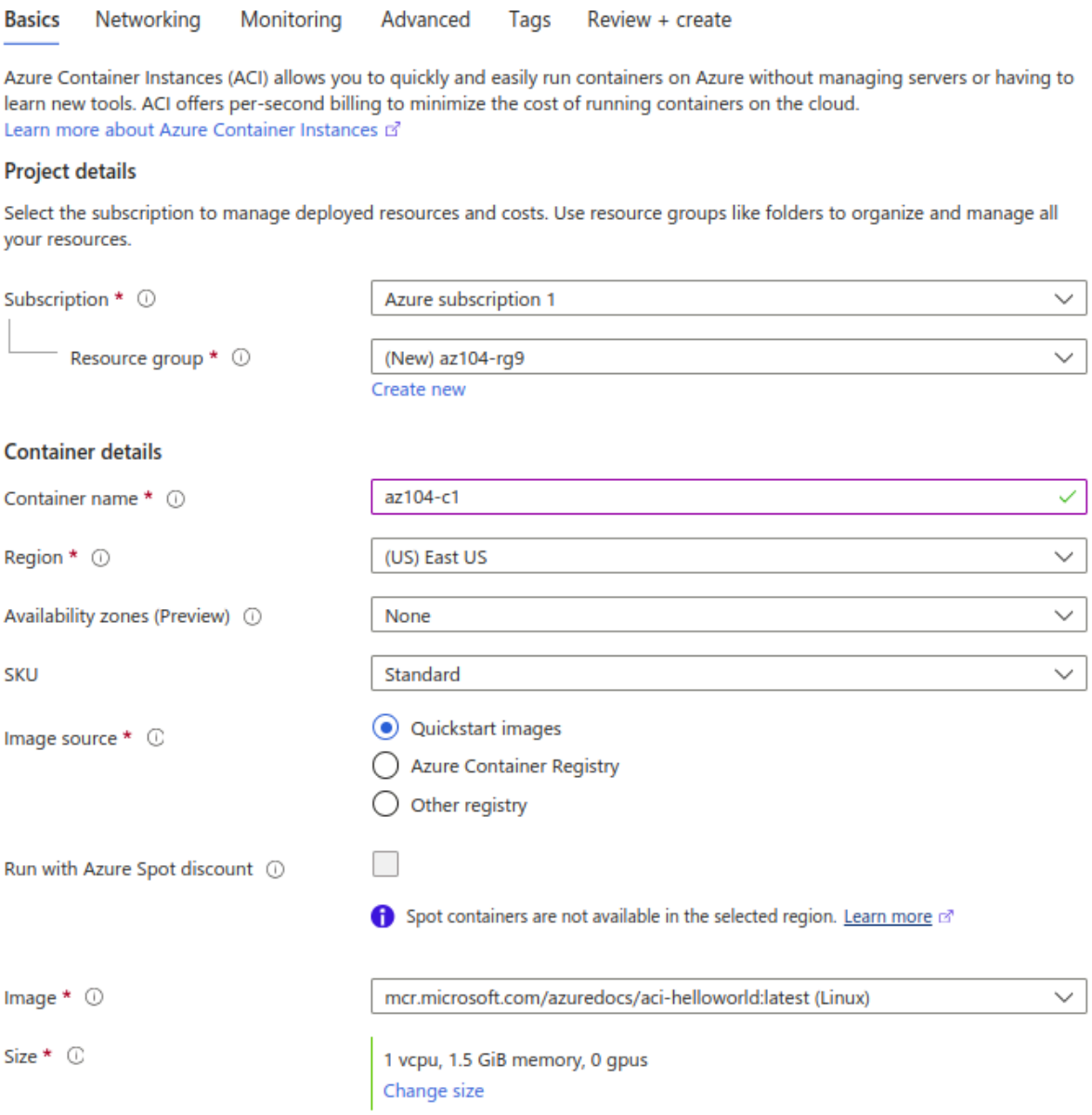
1.Sign in to the Azure portal - https://portal.azure.com.



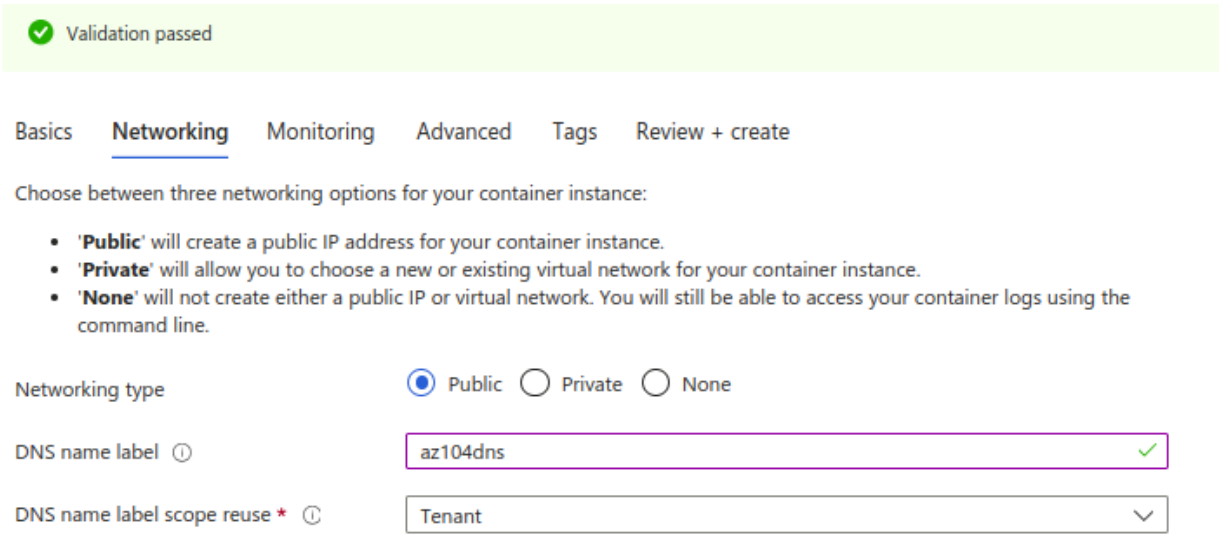
2.In the Azure portal, search for and select Container instances and then, on the Container instances blade, click + Create.



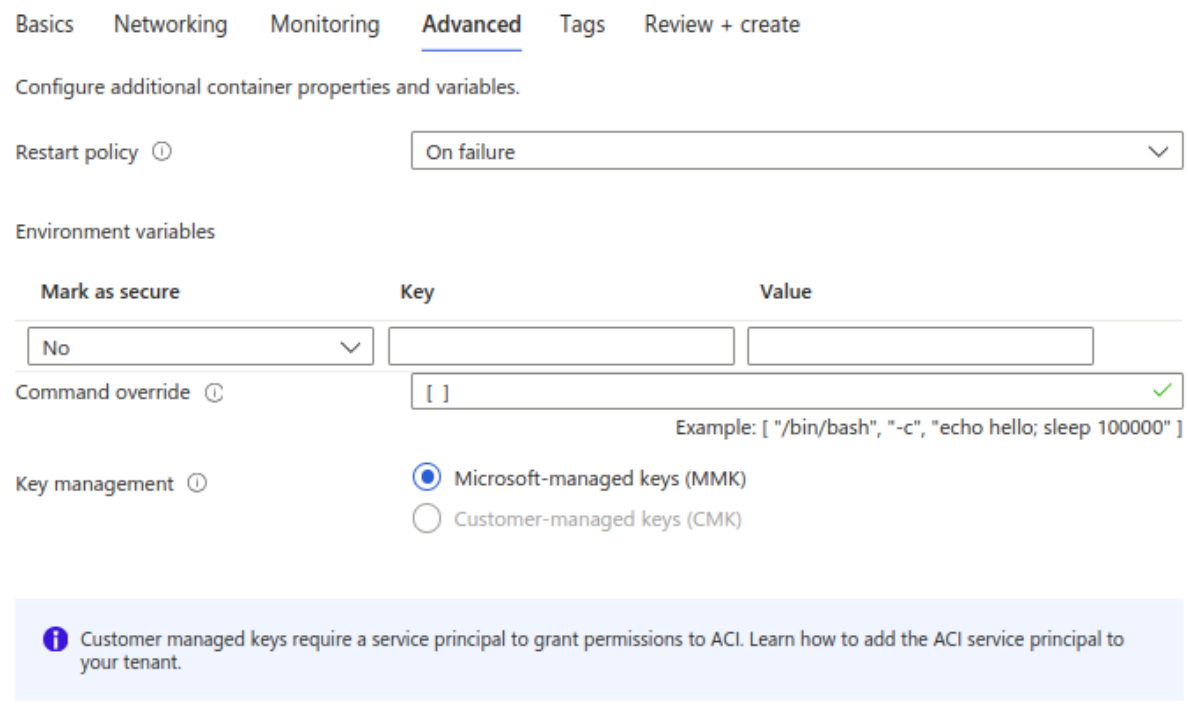
3.On the Basics tab of the Create container instance blade, specify the following settings (leave others with their default values):



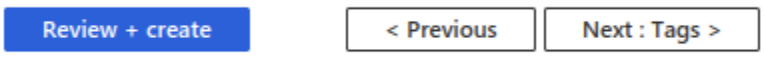
4.Click Next: Networking > and specify the following settings (leave others with their default values):



5.Click Next: Advanced >, review the settings without making any changes.



6.Click Review + Create, ensure that the validation passed and then select Create.



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	az104dns
DNS name label scope reuse	Tenant

Monitoring

Enable container instance logs	On
Monitoring workspace	DefaultWorkspace-f80303f7-6763-4988-a828-9a2836f89e14-EUS

Advanced

Restart policy	On failure
Command override	[ ]

Tags

Create

Create

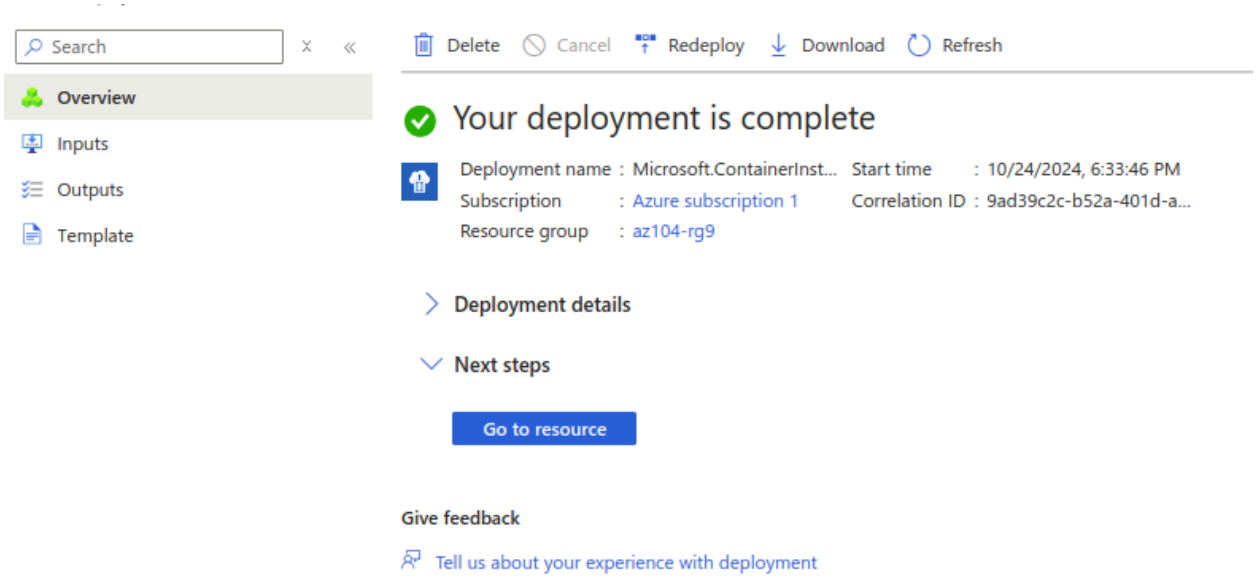
< Previous

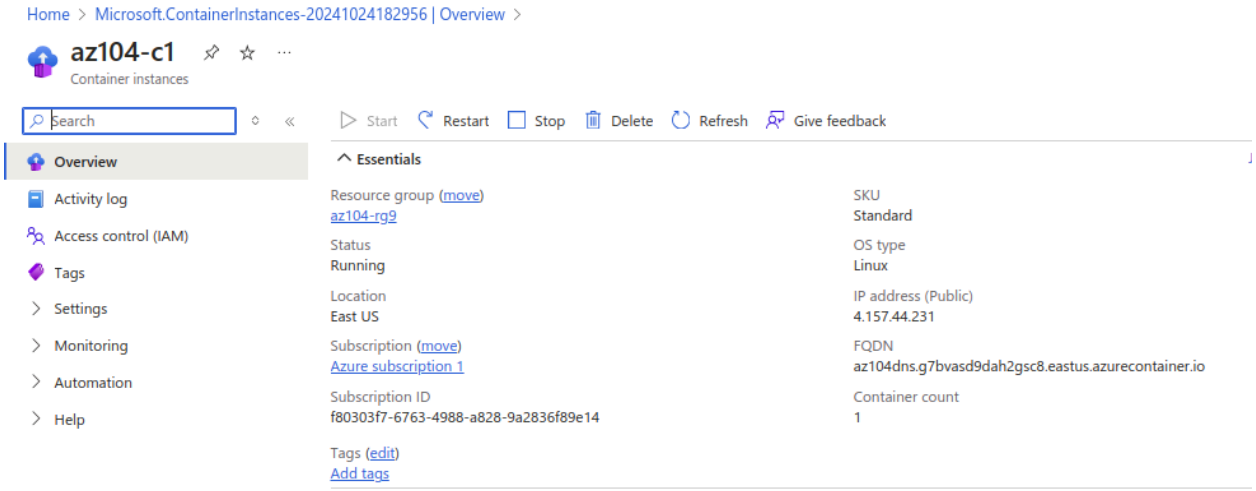
Next >

Download a template for automation

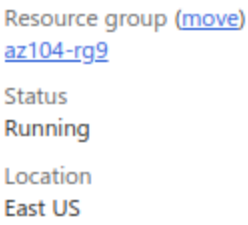
Task 2: Test and verify deployment of an Azure Container Instance

1.On the deployment blade, click the Go to resource link.

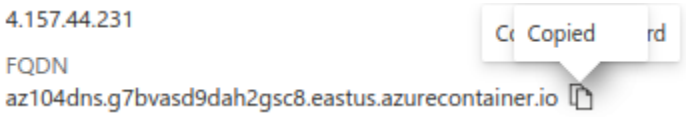




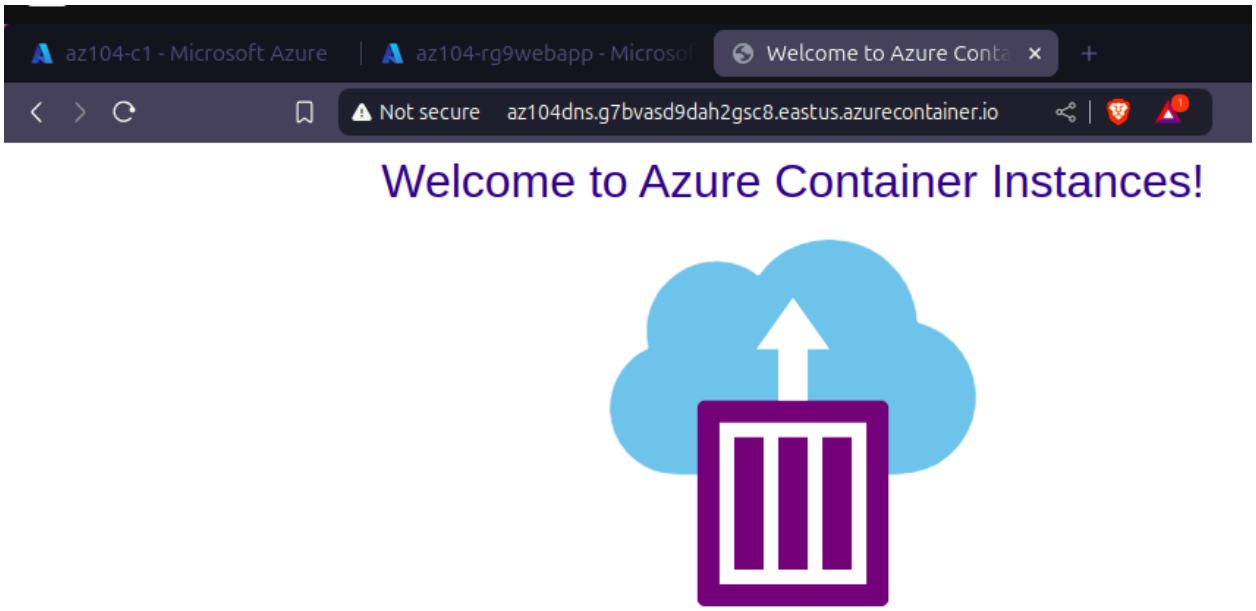
2.On the Overview blade of the container instance, verify that Status is reported as Running.



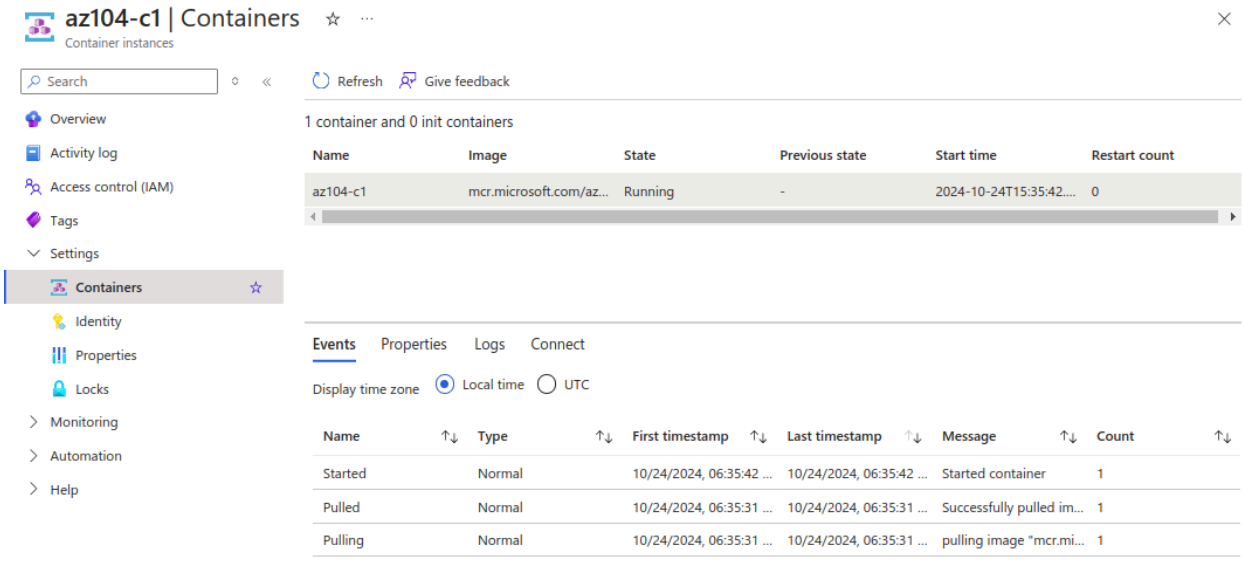
3.Copy the value of the container instance FQDN, open a new browser tab, and navigate to the corresponding URL.



4.Verify that the Welcome to Azure Container Instance page is displayed. Refresh the page several times to create some log entries then close the browser tab.



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



6.Verify that you see the log entries representing the HTTP GET request generated by displaying the application in the browser.