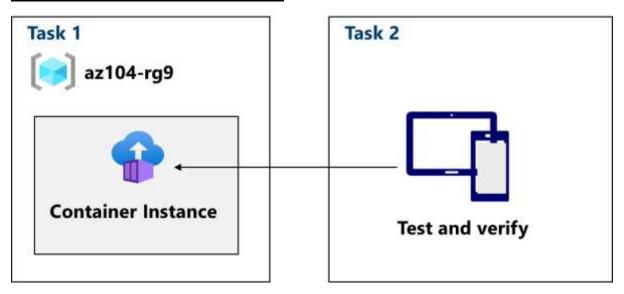
Implement Azure Container Instances



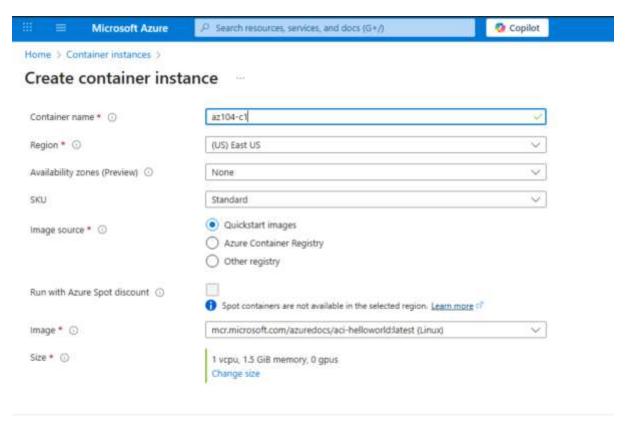
🦴 Task 1: Deploy an Azure Container Instance Using a Docker Image

Steps Taken

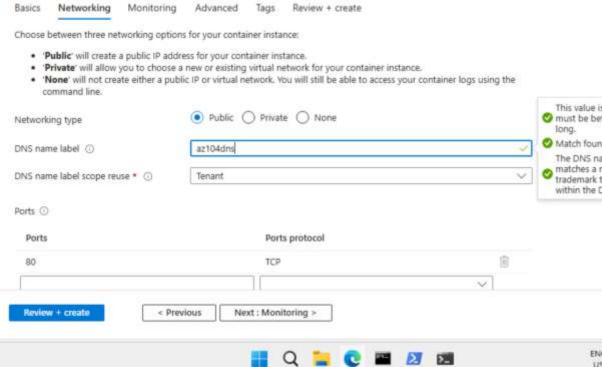
- Signed into **Azure Portal**
- Searched for Container Instances and clicked + Create
- Created container instance with:
- Resource group: az104-rg9
- Container name: az104-c1
- Region: East US
- Image source: Quickstart images
- Image: mcr.microsoft.com/azuredocs/aci-helloworld:latest
- Networking tab: added globally unique DNS name label
- Monitoring tab: disabled container instance logs
- Reviewed and created the container instance

Screenshot Suggestions

• Container instance creation settings (Basics tab)



• Networking tab with DNS label entered

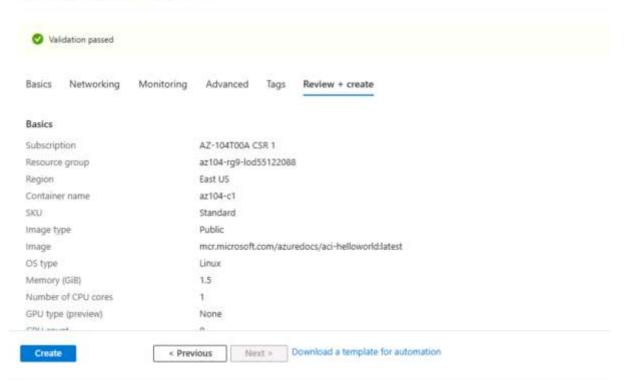


Monitoring tab showing logs disabled

| Basics | Networking | Monitoring | Advanced | Tags | Review + create |
|----------|-------------------|--------------------|------------------|------|-----------------|
| Configur | e monitoring opt | tions for your con | tainer instance. | | |
| Insights | | | | | |
| Enable o | ontainer instance | logs | | | |

• Review + Create screen with validation passed

Create container instance



Notes

- Image is Linux-based and publicly accessible via DNS
- Deployment took ~2–3 minutes
- No advanced settings modified
- Quickstart image is ideal for testing ACI functionality

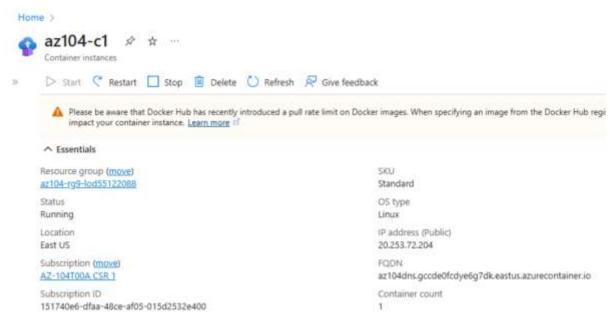
Task 2: Test and Verify Deployment of Azure Container Instance

- Steps Taken
- Clicked Go to resource after deployment
- Verified container status = Running
- Copied FQDN and opened in browser

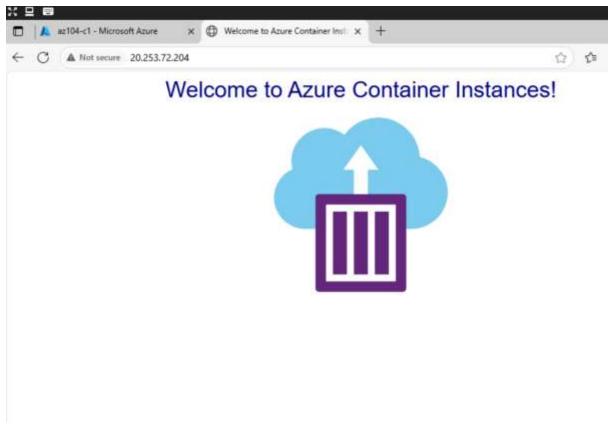
- Confirmed "Welcome to Azure Container Instance" page
- Refreshed page to generate log entries
- Navigated to Containers > Logs
- Verified HTTP GET requests in logs

ion Screenshot Suggestions

• Overview blade showing container status = Running



• Browser showing welcome page



• Logs blade showing GET requests

To troubleshoot your container further, please navigate to Logs learn more of listening on port 80 ::ffff:10.92.0.9 - - [30/Sep/2025:11:31:02 +0000] "GET / HTTP/1.1" 200 1696 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/138.0.0.0 Safari/537.36 Edg/138.0.0.0" ::ffff:10.92.0.9 - - [30/Sep/2025:11:31:03 +0000] "GET /favicon.ico HTTP/1.1" 404 150 "http://2 0.253.72.204/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)

Notes

- Container exposed on port 80 by default
- FQDN format: dns-label.region.azurecontainer.io
- Logs confirm successful HTTP traffic
- No authentication required for public access

Let me know if you want this styled for Word (headings, spacing, icons) or converted to Markdown for GitHub. I can also help you build a reusable template for future labs — just say the word.