

Introduction to Cloud Computing

LAB 04

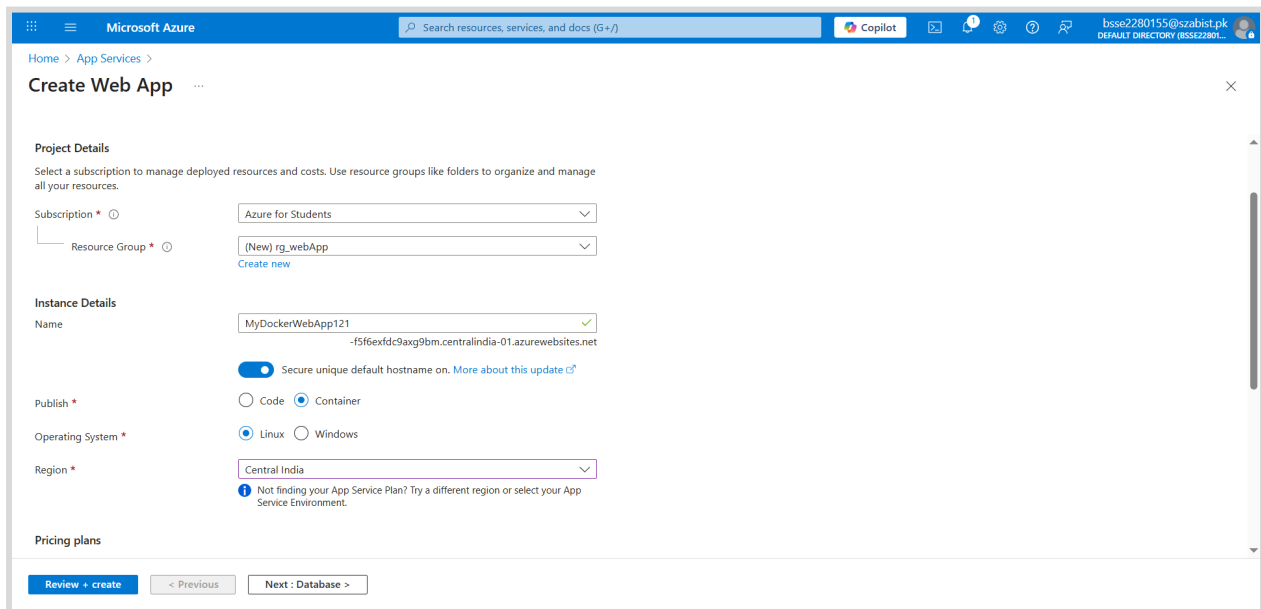
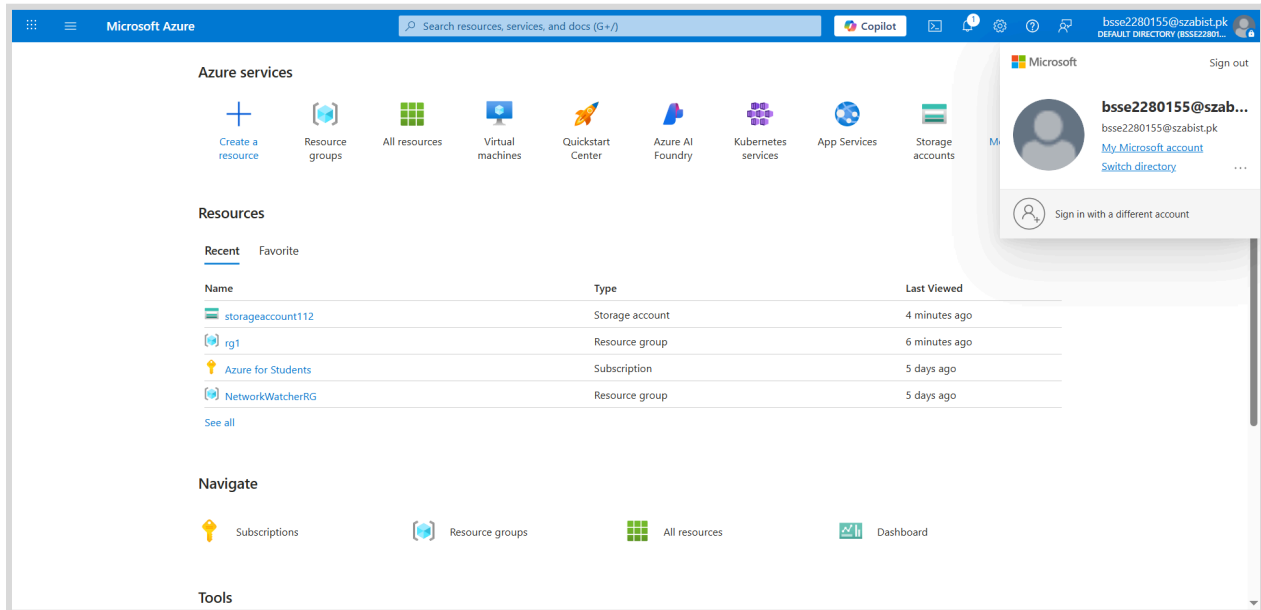
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BS-SE 7B

Task 1: Create a Web App

1. Sign-in to the Azure portal.



The screenshot shows the 'Create Web App' wizard in the Microsoft Azure portal, specifically the 'Container' tab. The user is logged in as 'bsse2280155@szabist.pk'. The wizard is at the 'Review + create' step. The configuration details are as follows:

- Image Source:** Other container registries (selected)
- Docker hub options:**
 - Access Type:** Public (selected)
 - Registry server URL:** `https://index.docker.io`
 - Image and tag:** `mcr.microsoft.com/azuredocs/aci-helloworld` (with a green checkmark)
 - Startup Command:** `Example: /bin/bash; -c: echo hello; sleep 10000`

At the bottom, there are three buttons: 'Review + create' (highlighted in blue), '< Previous', and 'Next: Networking >'.

- Click Review + create, and then click Create.

The screenshot shows the 'Overview' blade for the web app 'MyDockerWebApp121'. The left sidebar contains a navigation menu with options like Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Events (preview), Resource visualizer, Deployment, Settings, Performance, App Service plan, Development Tools, API, Monitoring, Automation, and Support + troubleshooting.

The main content area is divided into two sections: 'Essentials' and 'Properties'.

Essentials:

- Resource group: `rg_webApp`
- Status: Running
- Location: Central India
- Subscription: Azure for Students
- Subscription ID: `db878fcc-8781-42d0-a61d-55de3d976446`
- Default domain: `mydockerwebapp121-f5f6exfd9axg9bm.centralindia-01.azurewe...`
- App Service Plan: `ASP-rgwebApp-ba34 (B1: 1)`
- Operating System: Linux
- Health Check: Cannot fetch health check data. Please try again later.

Properties:

Web app:

- Name: MyDockerWebApp121
- Publishing model: Container
- Container Image: `index.docker.io/mcr.microsoft.com/azuredocs/aci-helloworld`

Domains:

- Default domain: `mydockerwebapp121-f5f6exfd9axg9bm.centralindia-01.azurewebsites.net`
- Custom domain: [Add custom domain](#)

Deployment Center:

- Deployment logs: [View logs](#)

Application Insights:

- Name: Not supported. [Learn more](#)

Networking:

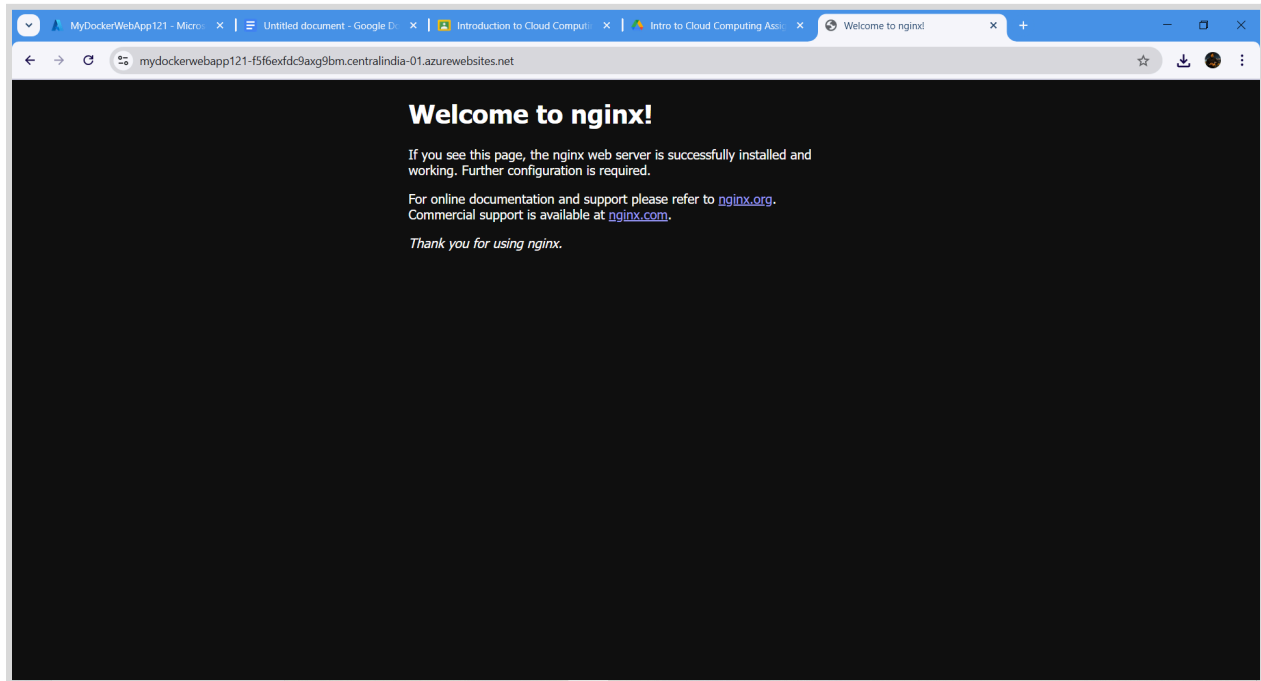
- Virtual IP address: 20.192.170.128
- Outbound IP addresses: 135.235.227.132, 135.235.179.140, 135.235.179.146, 40.81.249.203, 135.235.340.136, 40.81.363.149, 69.30.310.345

Task 2: Test the Web App

- On the Overview blade, locate the URL. Copy the URL to the clipboard.
- In a new browser window, paste the URL and press enter.

Note: Replaced the image with: “`nginx:latest`” since mcr.microsoft.com/azuredocs/aci-helloworld is no longer available.

- In a new browser window, paste the URI and press enter.



- Switch back to the Overview blade of your web app and scroll down. You will notice several charts tracking Data In/Out and Requests.

