

## **PLATFORM AS A SERVICE (PAAS)**

### **EXPERIMENT – 21**

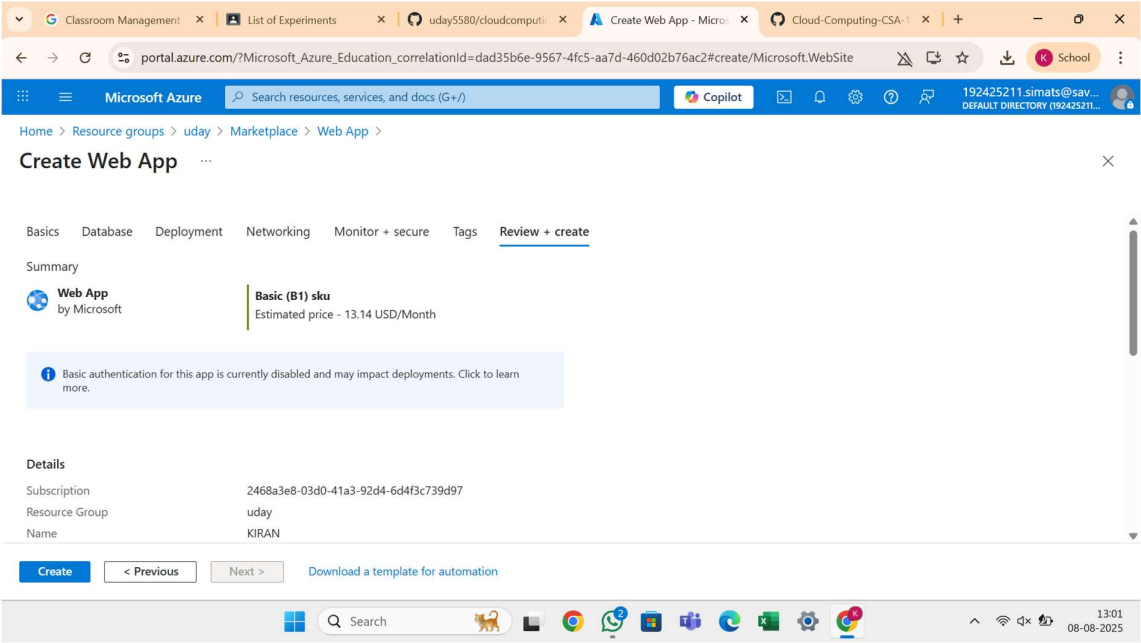
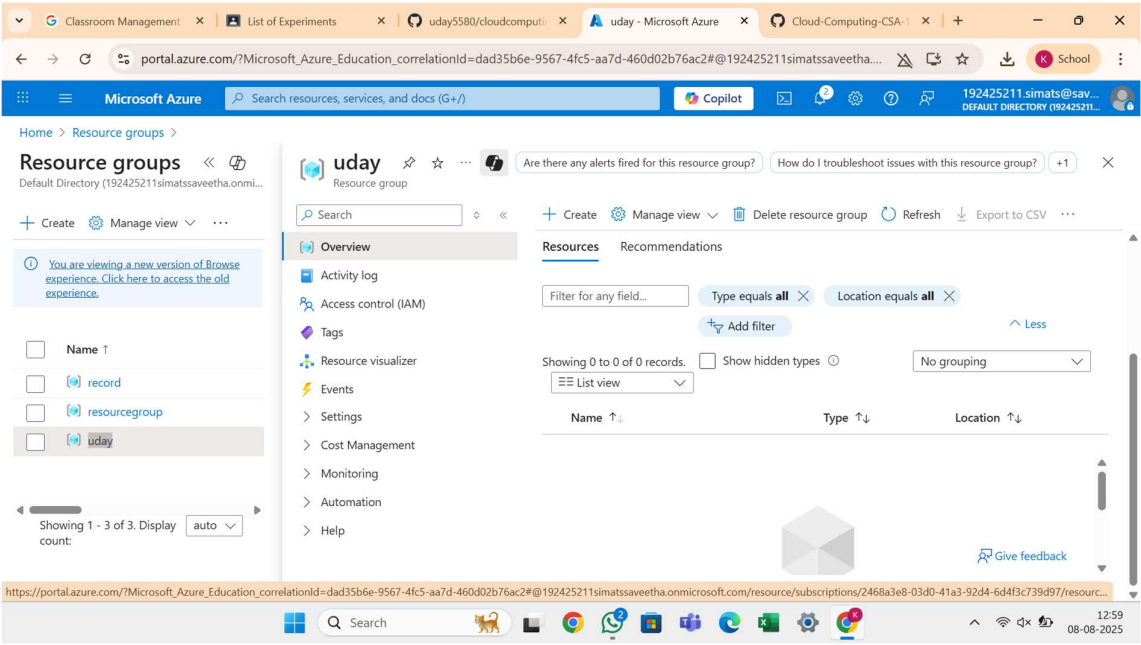
#### **AIM:**

To demonstrate Platform as a Service (PaaS) by creating and configuring a new VM image using a public cloud service provider like Microsoft Azure.

#### **PROCEDURE:**

1. Log in to the Microsoft Azure portal using your Azure account.
2. Navigate to “App Services” from the menu and click on “Create.”
3. In the creation wizard, choose the runtime stack (e.g., Python, Java, Node.js) and select the appropriate operating system.
4. Configure the resource group, app service name, region, and select a pricing tier that supports PaaS features.
5. In the deployment settings, choose the deployment method such as GitHub or local deployment.
6. Review all the configurations and click “Create” to provision the App Service.
7. Once the App Service is deployed, navigate to the resource and access the built-in URL to verify deployment.
8. Optionally, connect a database (like Azure SQL or Cosmos DB) for backend integration under platform services.
9. Use Azure Monitor and Application Insights for performance monitoring and diagnostics.

OUTPUT:



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portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=dad35b6e-9567-4fc5-aa7d-460d02b76ac2#create/Microsoft.WebSite

Microsoft Azure Search resources, services, and docs (G+)

Home > Resource groups > uday > Marketplace > Web App

## Create Web App

Basics Database Deployment Networking Monitor + secure Tags **Review + create**

Summary

**Web App** by Microsoft

**Basic (B1) sku**  
Estimated price - 13.14 USD/Month

Basic authentication for this app is currently disabled and may impact deployments. Click to learn more.

**Details**

Subscription: 2468a3e8-03d0-41a3-92d4-6d4f3c739d97  
Resource Group: uday  
Name: KIRAN

Create < Previous Next > Download a template for automation

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portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=dad35b6e-9567-4fc5-aa7d-460d02b76ac2#@192425211simatssaveetha...

Microsoft Azure Search resources, services, and docs (G+)

Home > Microsoft.Web-WebApp-Portal-208a2d26-abe4 | Overview

## CANDY

Web App

Search

Browse Stop Swap Restart Delete Refresh Download publish profile Reset publish profile Share to mobile

**Overview**

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Microsoft Defender for Cloud
- Events (preview)
- Resource visualizer
- Deployment
- Settings
- Performance
- App Service plan

**Essentials**

Resource group (move): [uday](#)

Status: Running

Location (move): Central India

Subscription (move): [Azure for Students](#)

Subscription ID: 2468a3e8-03d0-41a3-92d4-6d4f3c739d97

Tags (edit): [Add tags](#)

Default domain: [candy-hmcke9fcbz9df.centralindia-01.azurewebsites.net](#)

App Service Plan: ASP-uday-ba4a (B1: 1)

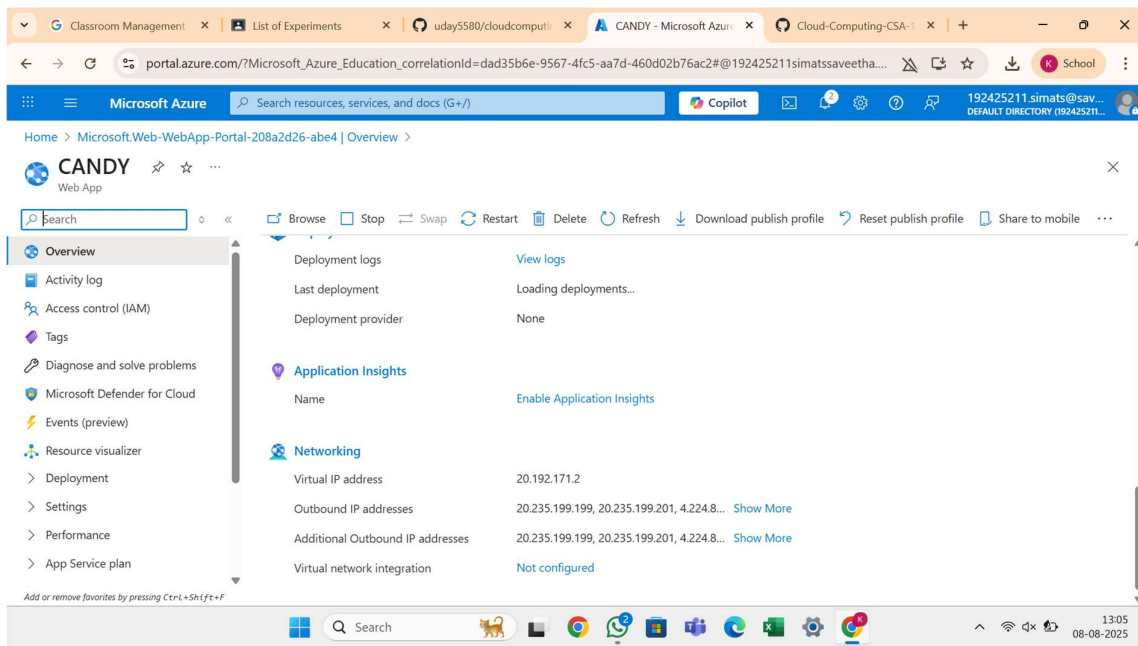
Operating System: Linux

Health Check: Not Configured

**Properties** Monitoring Logs Capabilities Notifications Recommendations

Add or remove favorites by pressing Ctrl+Shift+F

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## RESULT:

Successfully created and configured a VM-level App Service using Azure, demonstrating the concept of Platform as a Service (PaaS).