

## EXP 18: DEMONSTRATE PLATFORM AS A SERVICE (PaaS) BY CREATING AND CONFIGURING A NEW APPLICATION RUNTIME ENVIRONMENT (VM IMAGE) USING A PUBLIC CLOUD SERVICE PROVIDER (AZURE/GCP/AWS)

**AIM:** To demonstrate Platform as a Service (PaaS) by creating and configuring a new application environment (VM image/runtime) using a public cloud service provider (Azure/GCP/AWS) and deploying a sample application without managing the underlying infrastructure.

### PROCEDURE:

STEP 1: Create an account and log in to Microsoft Azure.

STEP 2: Create a Resource Group for the application.

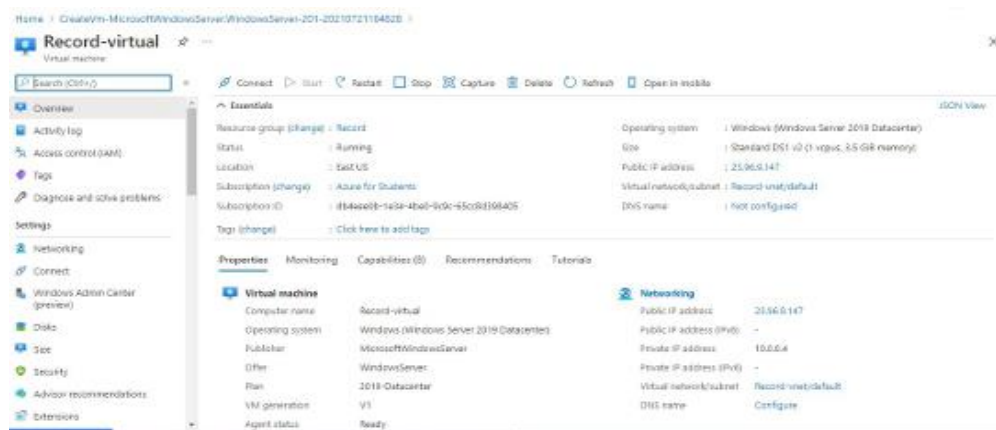
STEP 3: Go to App Services → Create App Service.

STEP 4: Select Runtime Stack (Python/Node/.NET), OS, Region and create a new App Service Plan (PaaS VM environment).

STEP 5: Deploy a sample application (ZIP upload/GitHub/Azure DevOps).

STEP 6: Open the provided App URL to verify the application is running on the PaaS environment.

### IMPLEMENTATION:



### RESULT:

Thus the demonstration Platform as a Service (PaaS) by creating and configuring a new application environment (VM image/runtime) using a public cloud service provider (Azure/GCP/AWS) and deploying a sample application without managing the underlying infrastructure.