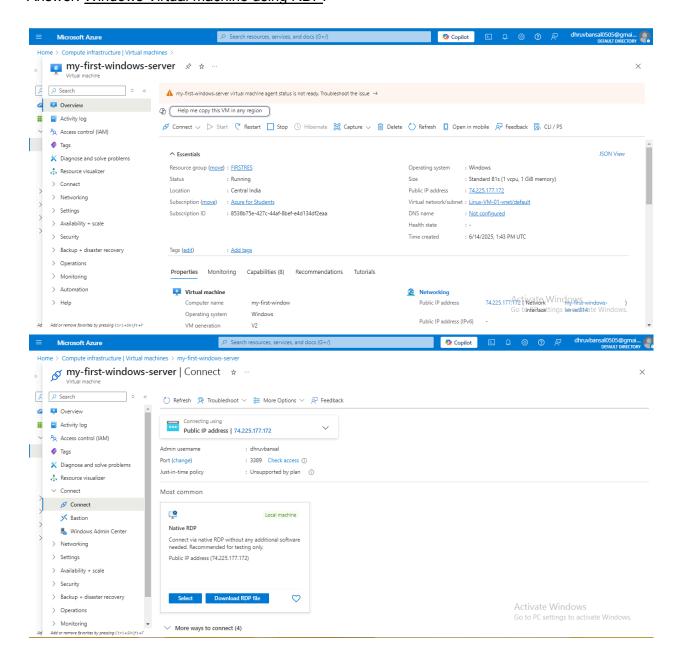
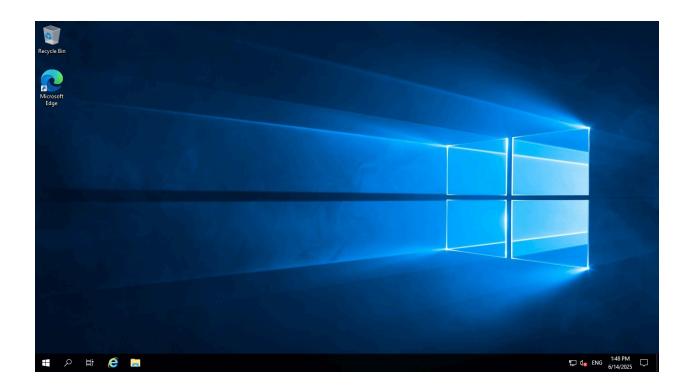
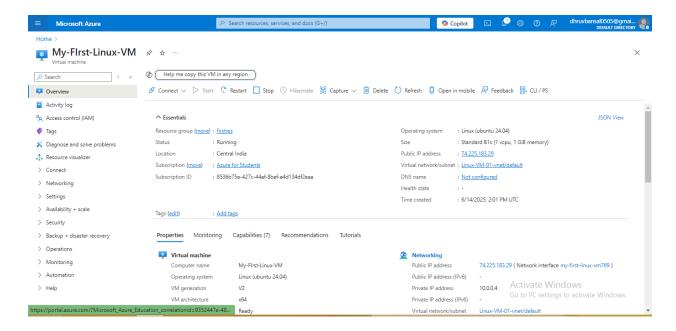
# **1. Deploy Linux and Windows virtual machine and access them using SSH and RDP** Answer: Windows Virtual machine using RDP:





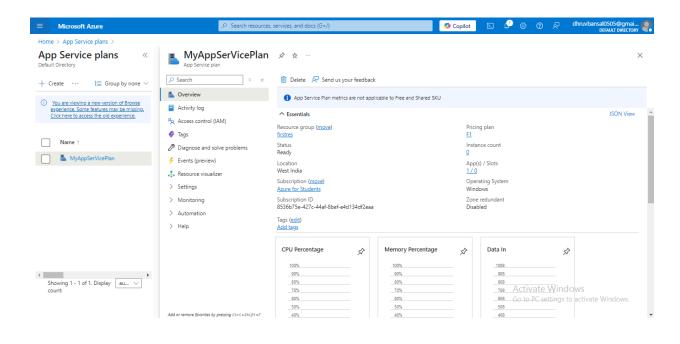
## Linux Virtual machine using SSH:

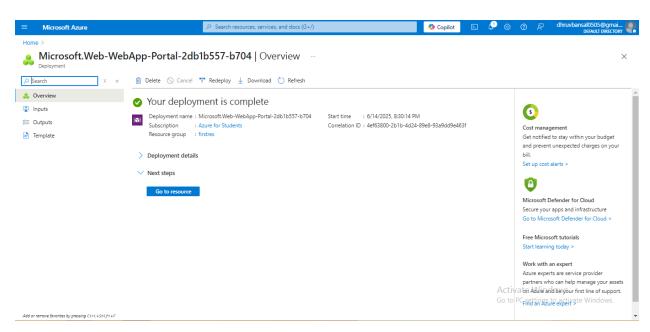


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2. Create an App Service Plan Provision a Web App in the existing App Service Plan and deploy a simple welcome page on it.

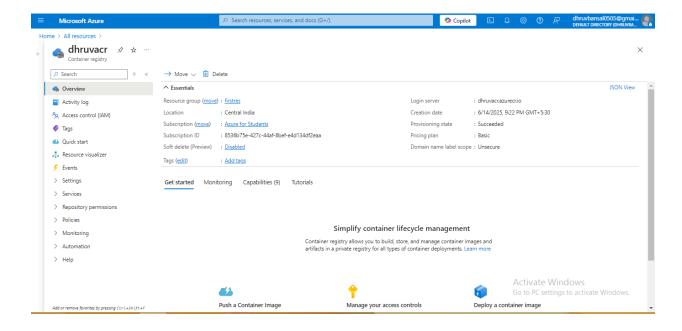
Answer:





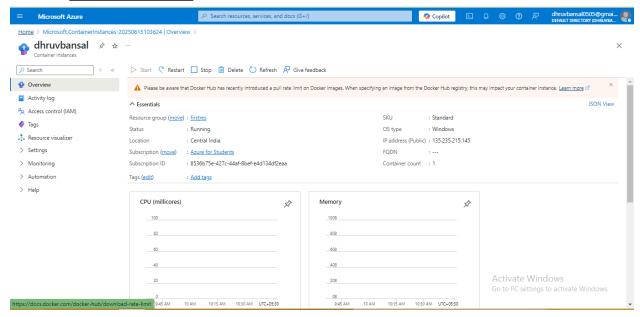
Welcome to My first web app service using web app service plan. Activate Windows
Go to PC settings to activate Windows.

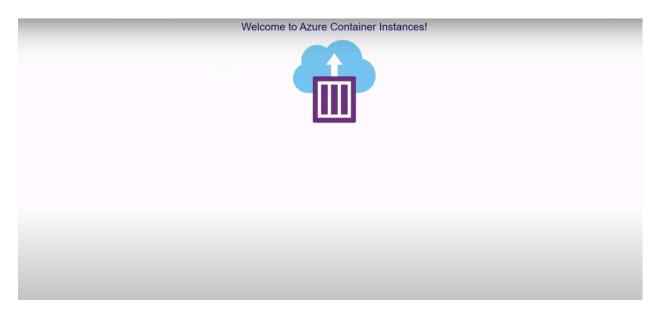
# **3.** Create ACR and pull image from ACR and Create a container from it. Answer:



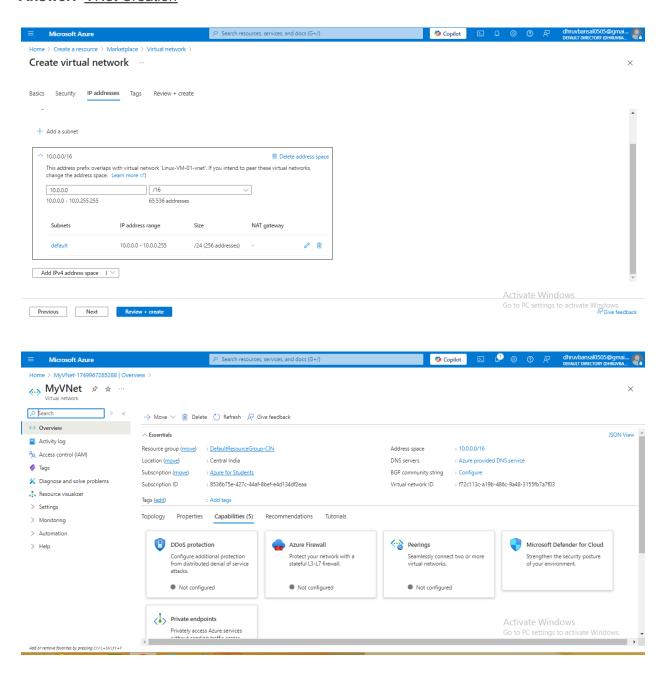
**4.** Create Container Instance and deploy a simple docker application on it. Create Container Groups and test functionality.

**Answer:** Container Instance

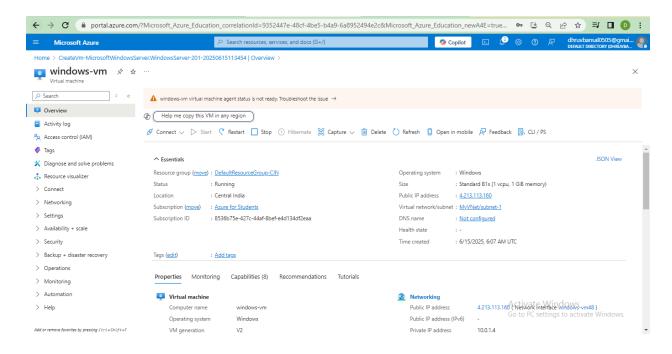




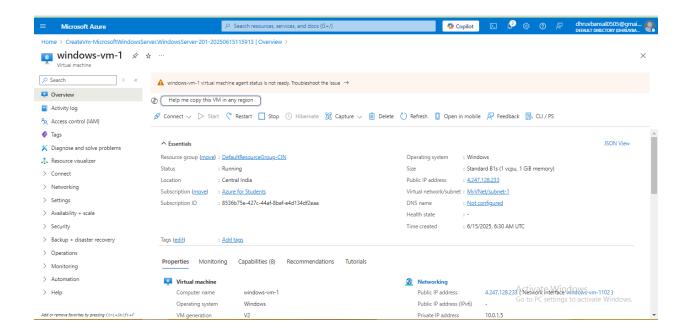
# **5(A)** Create a Vnet, 2 Subnets Subnet-1: Linux VM, WindowsVM Subnet-2: SQL DB. Answer: VNet Creation



#### Windows Virtual Machine in Subnet-1



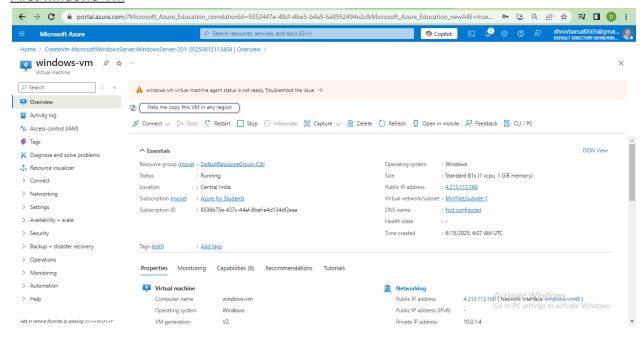
#### Windows vm in subnet -2



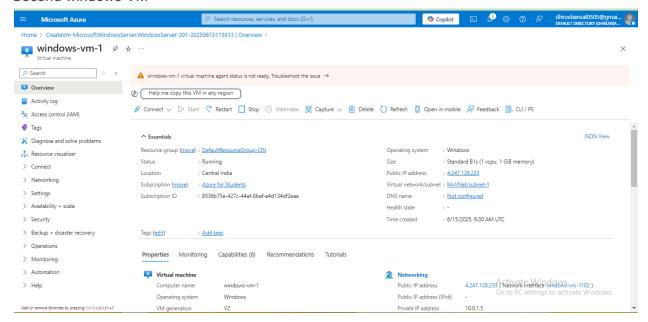
#### 6. Create a Internal and External Load Balancer.

Answer: Internal and External Load Balancer using Azure.

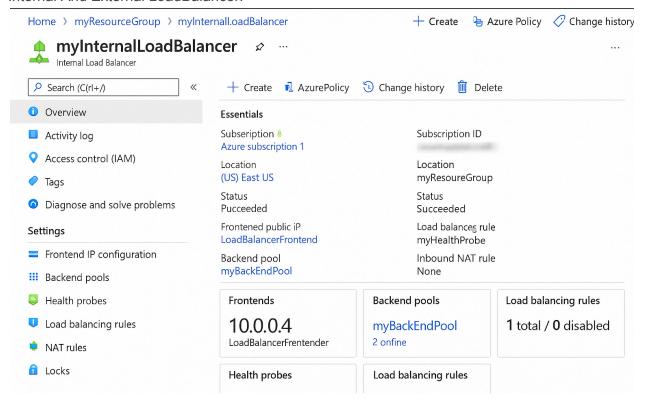
#### First windows VM



#### Second windows VM

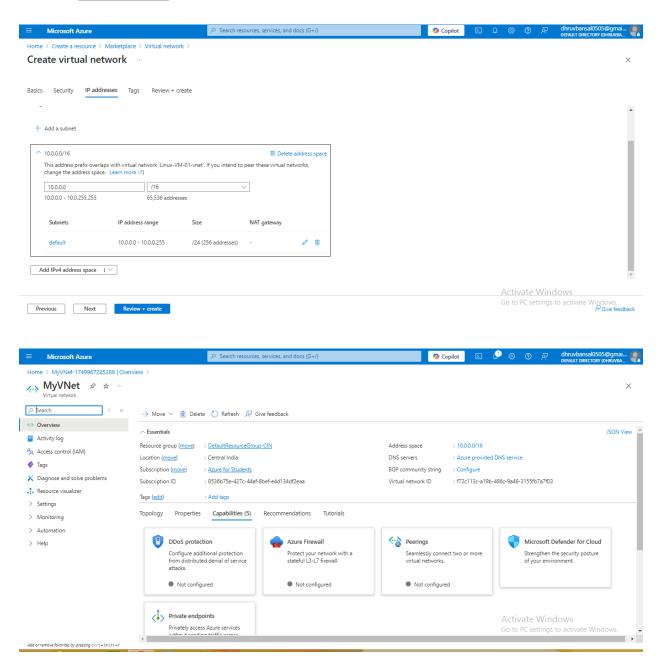


#### Internal And External LoadBalancer:

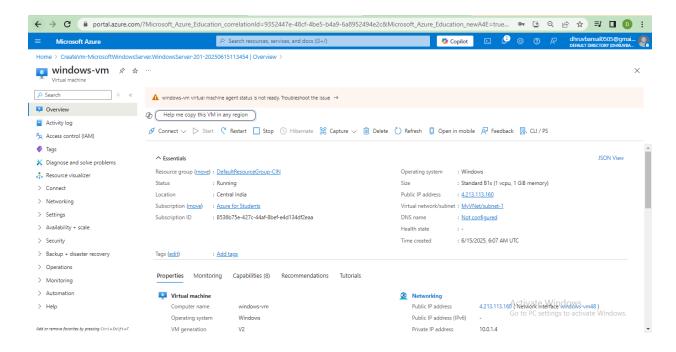


#### 7. Create and test Azure Application gateway.

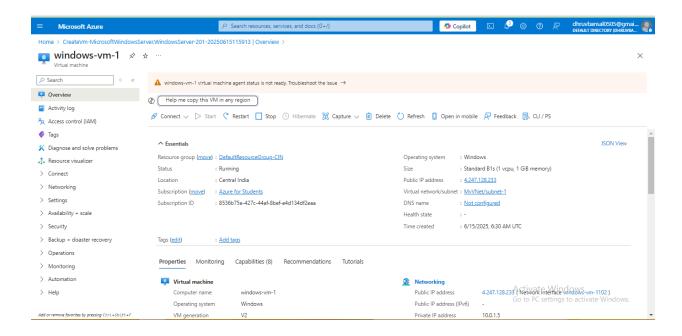
#### **Answer:** Vnet creation:



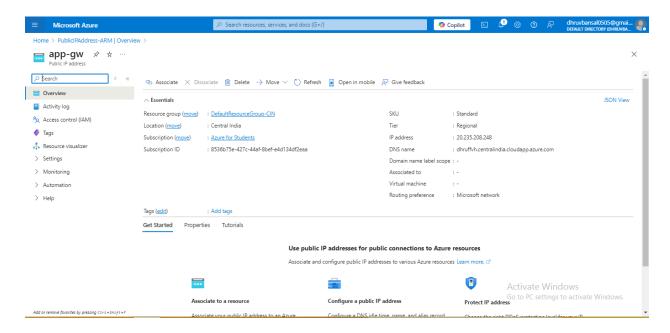
#### Windows vm -1 in subnet-1



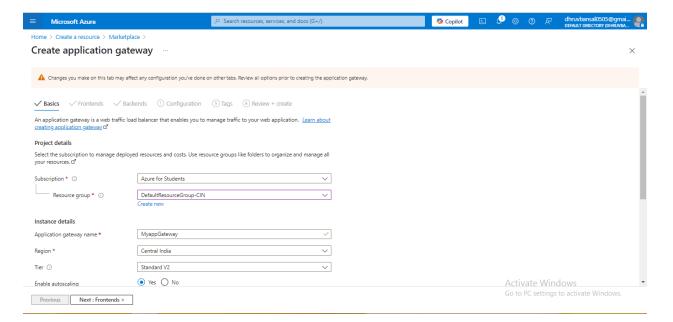
#### Windows-vm-2 in subnet-1



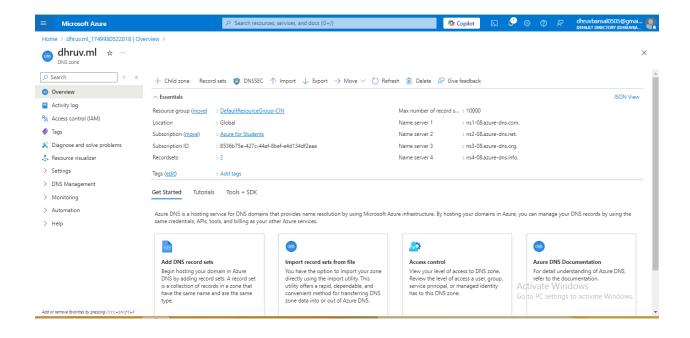
### Public ip address



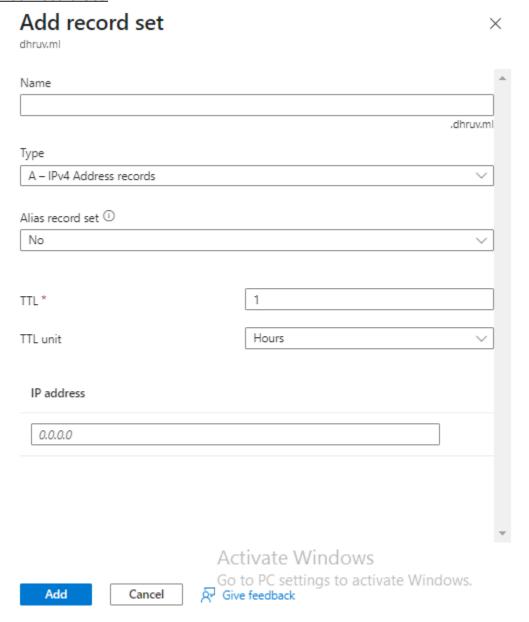
### Application gateway:



8. Set up a domain, setup a server on a VM and use the DNS server for traffic. Answer: Domain Setup



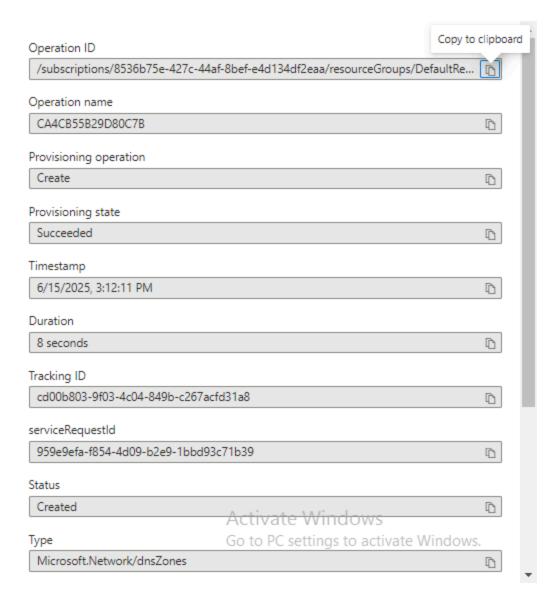
# Add Record Set:



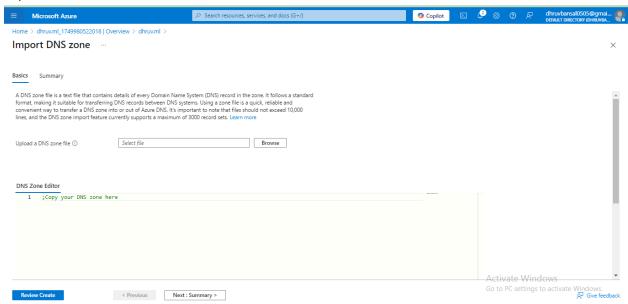
Operations:

# Operation details

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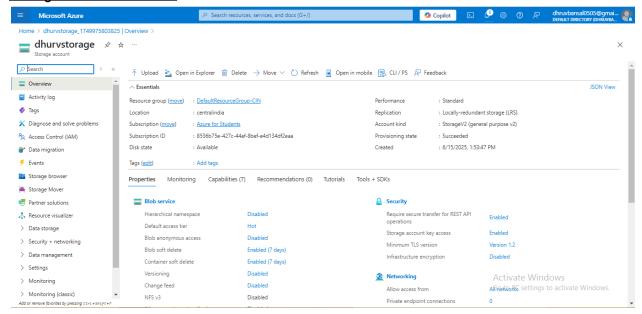


# Import DNS from Files:

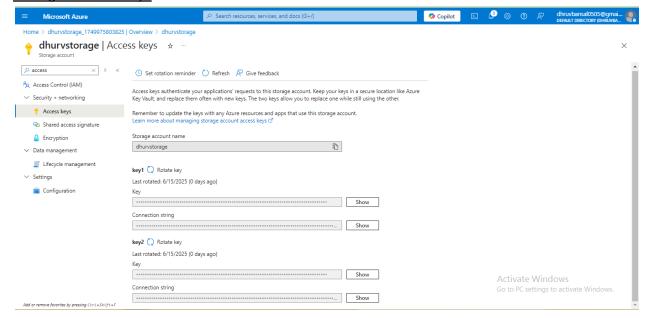


9. Create a Storage account and explore all the option while creating Upload and access the blob Go through different Auth. Tech and test the same Try Azure storage explorer Provision Access keys and use them for connection with storage account Create a Shared access signature and check access scope Create a stored access policy over shared access signature and check access scope Learn about different access tiers and their use cases Apply lifecycle policy over objects and test the same test object replication in blob Create a file share and test functionality Create a Azure File sync. Answer:

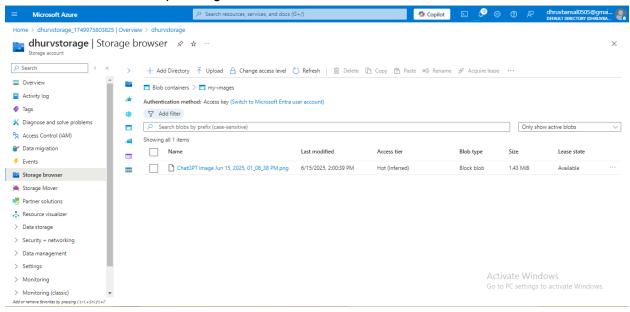
#### **Storage Account Creation**



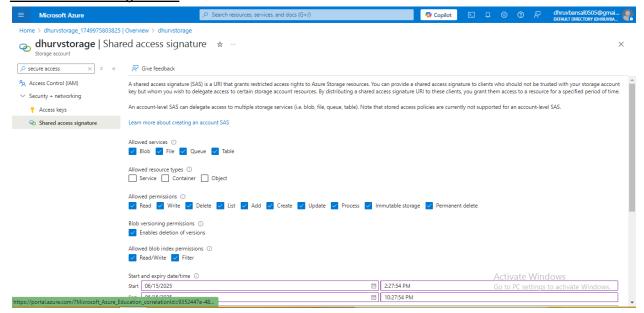
#### Storage Access Keys



### Container creation and Uploading files:



#### **Shared Access Signature:**



# Key Generation using Shared Access Signature:

