Assignment 2

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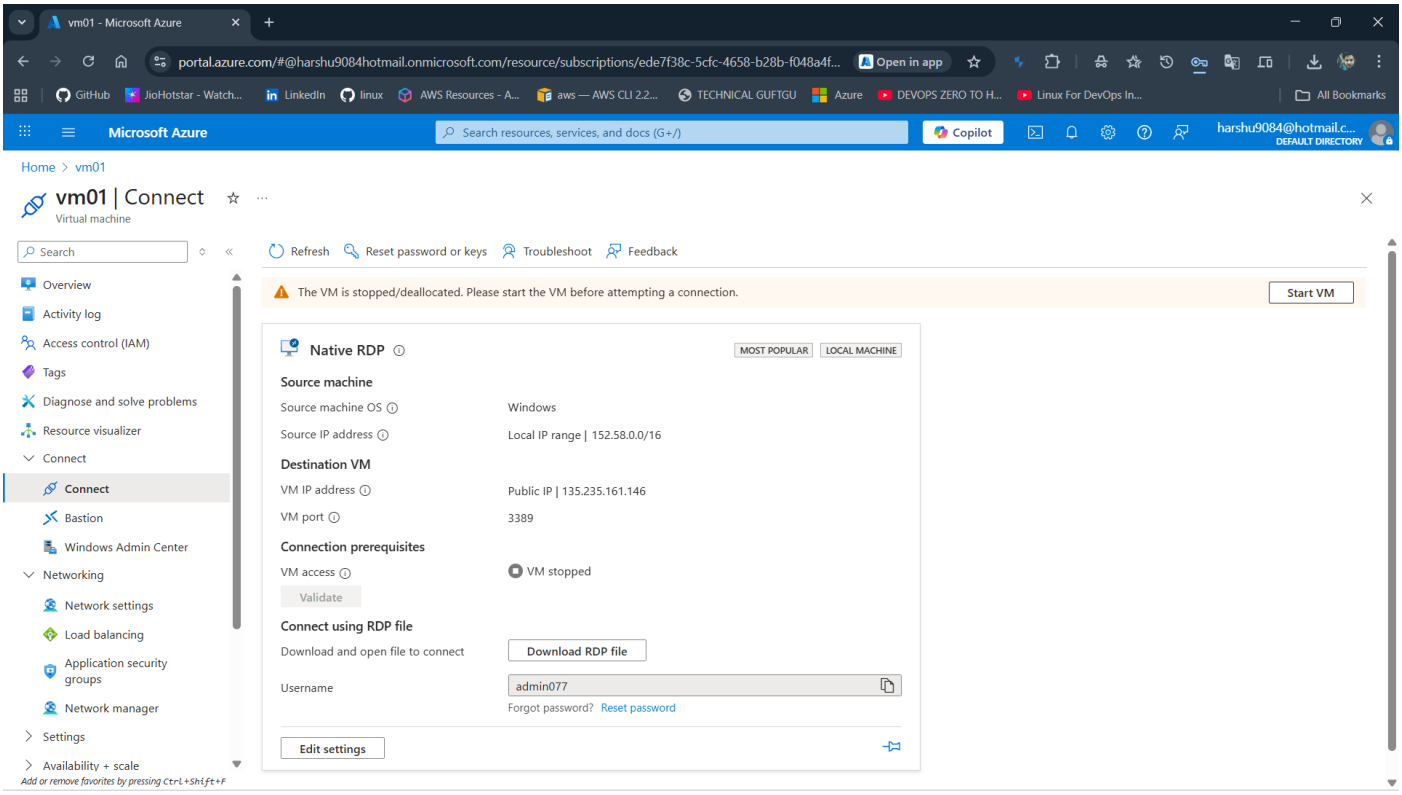
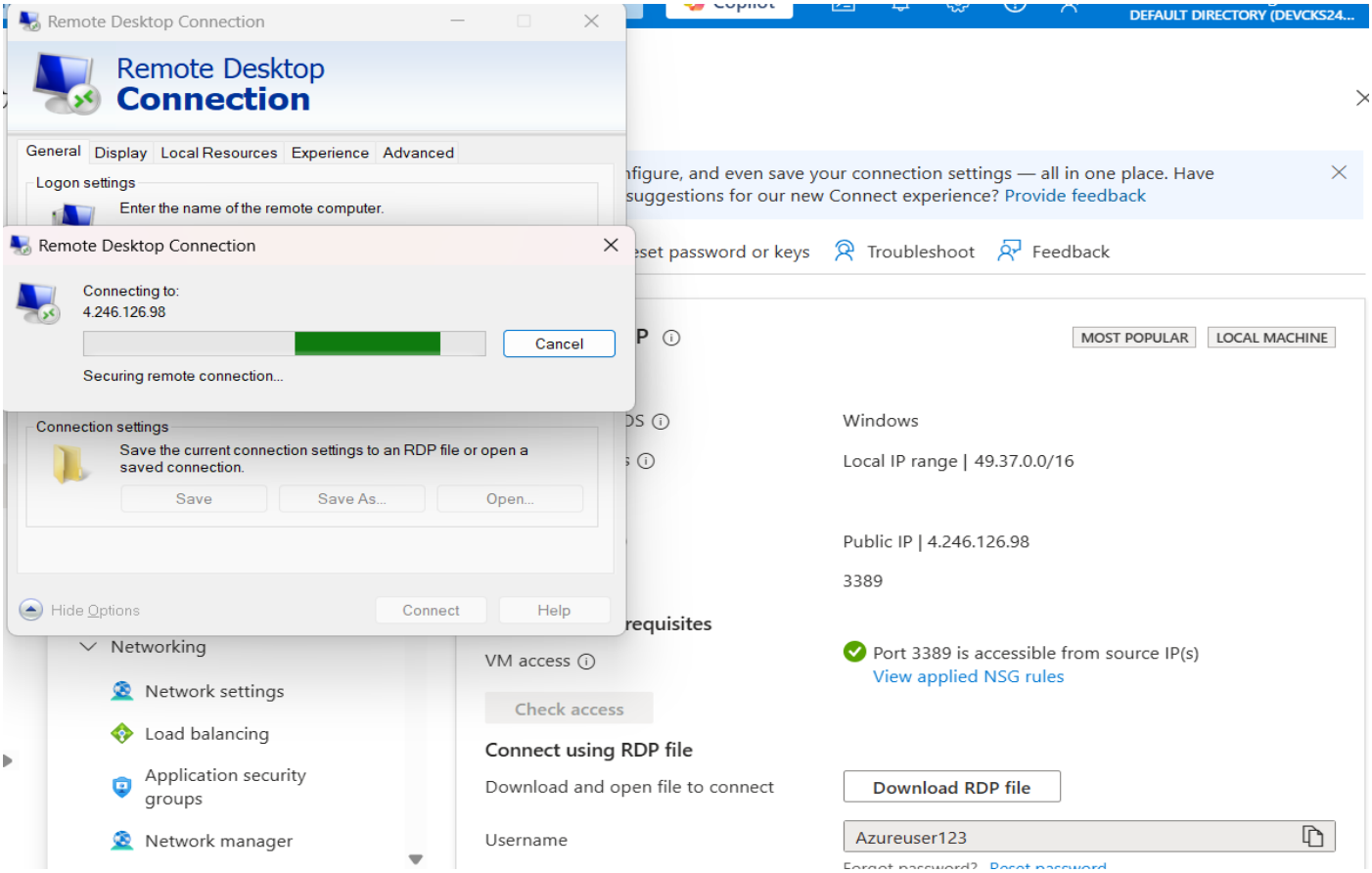
Batch – Az 900+104 (12 July Batch)

PART-1: Recreating VM using VM Image Version

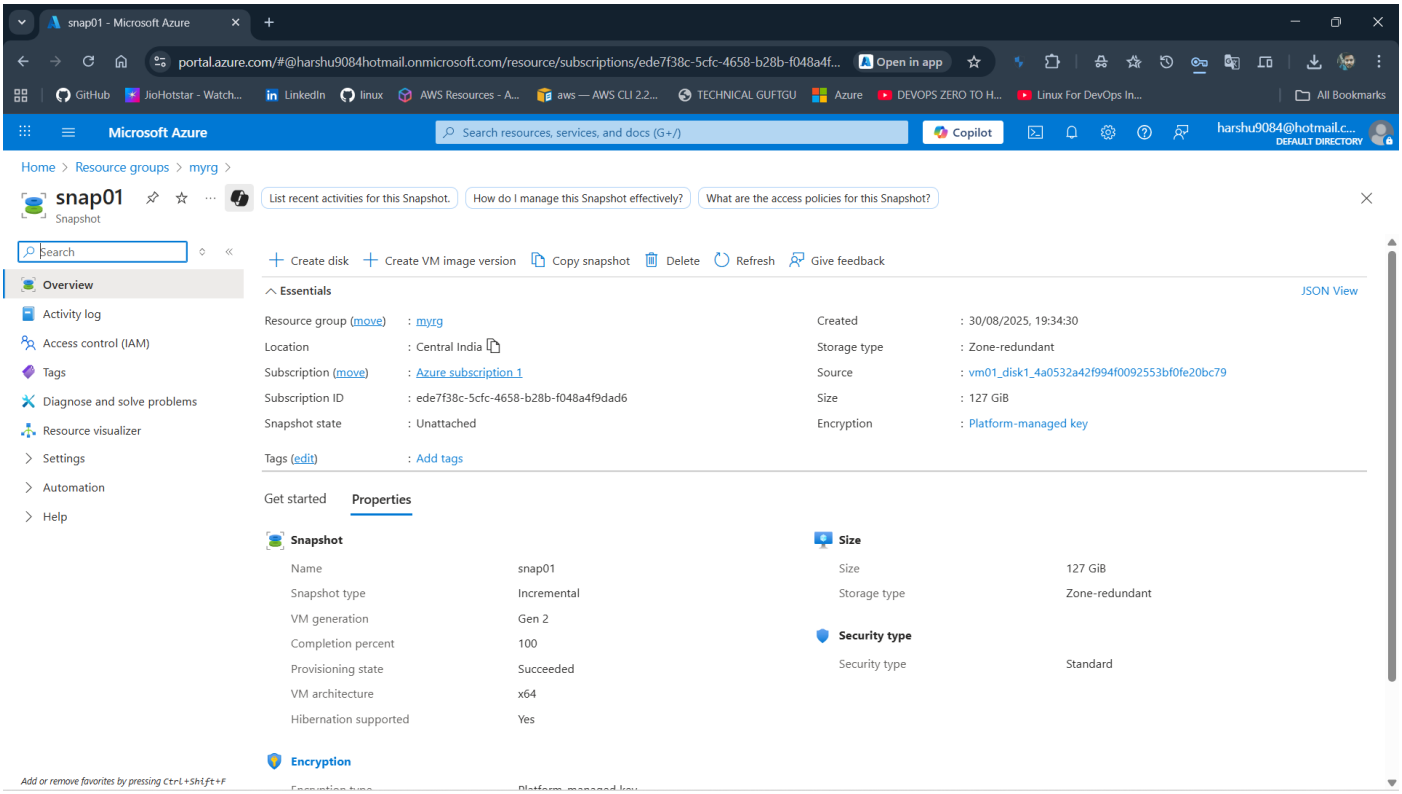
Step 1: Create a Virtual Machine



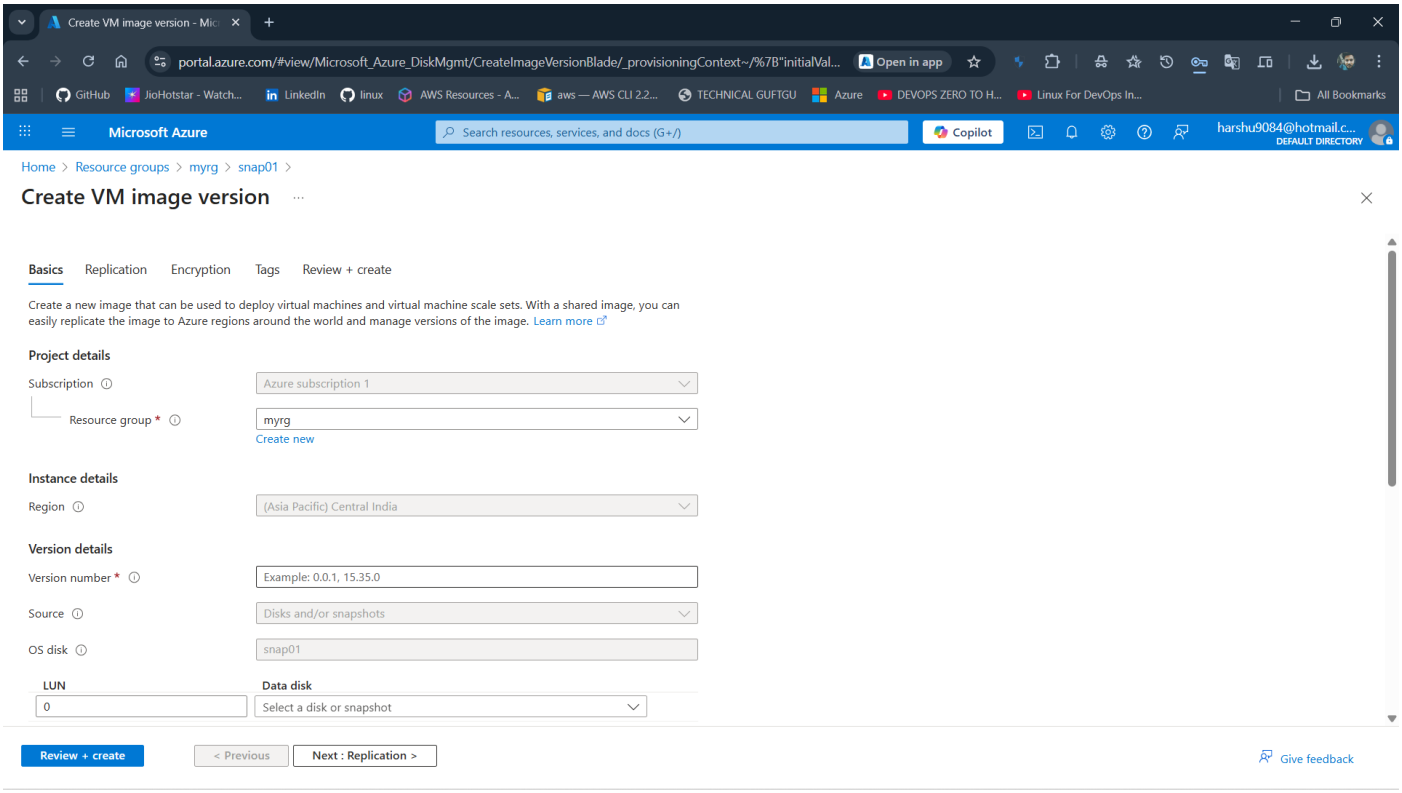
Step 2: Connect to Your Virtual Machine



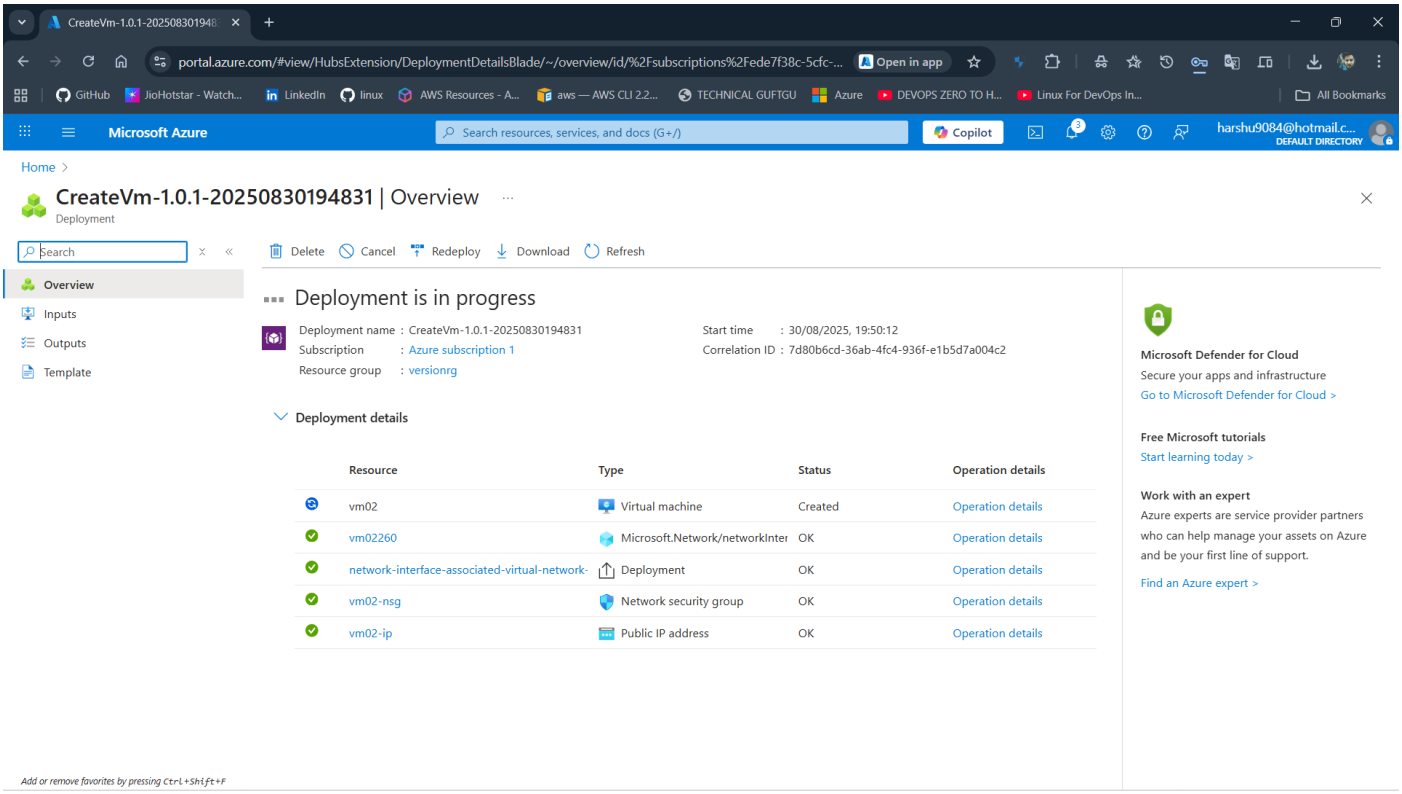
Step 3: Create a Snapshot of the VM's OS Disk



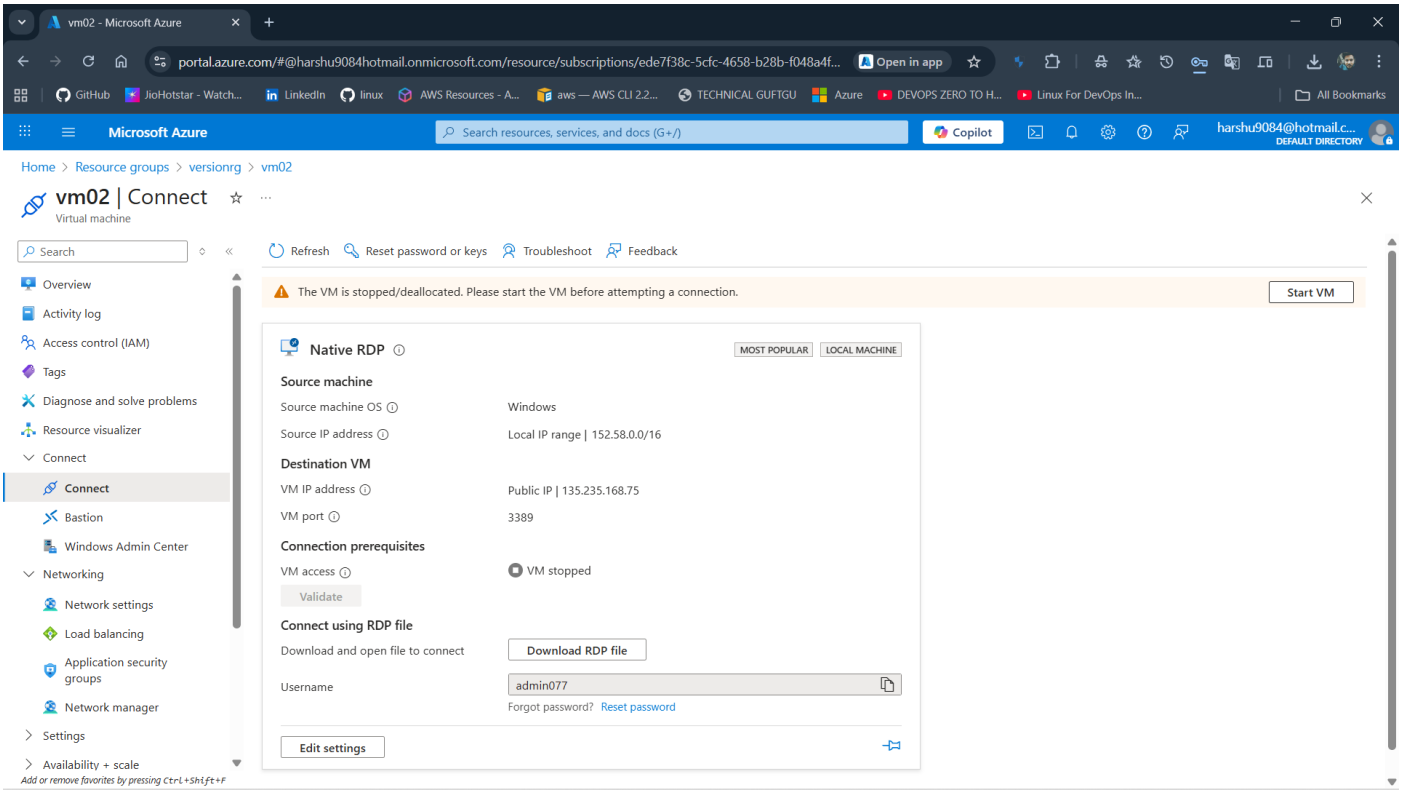
Step 4: Create a VM Image from a Snapshot



Step 5: Create a New VM from a Custom Image in Azure Compute Gallery



Final Step: Verify the VM Deployed from the Azure Compute Gallery Image



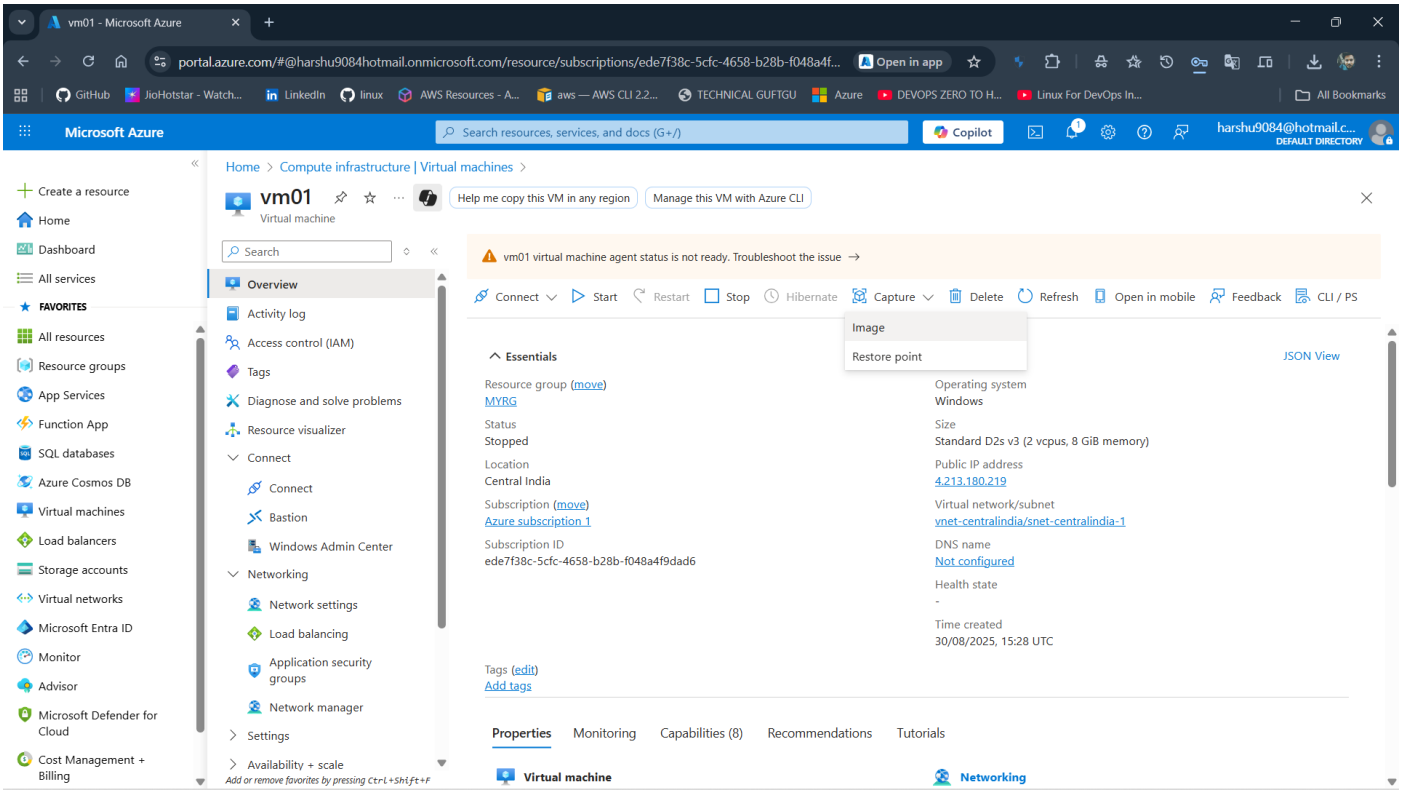
- **Original VM (vm1) → 125.235.161.146**
- **Restored VM (restored-vm) → 135.235.168.75**

<u>This shows that while both VMs share the same configuration from the custom image, they are still independent resources with distinct network identities.</u>

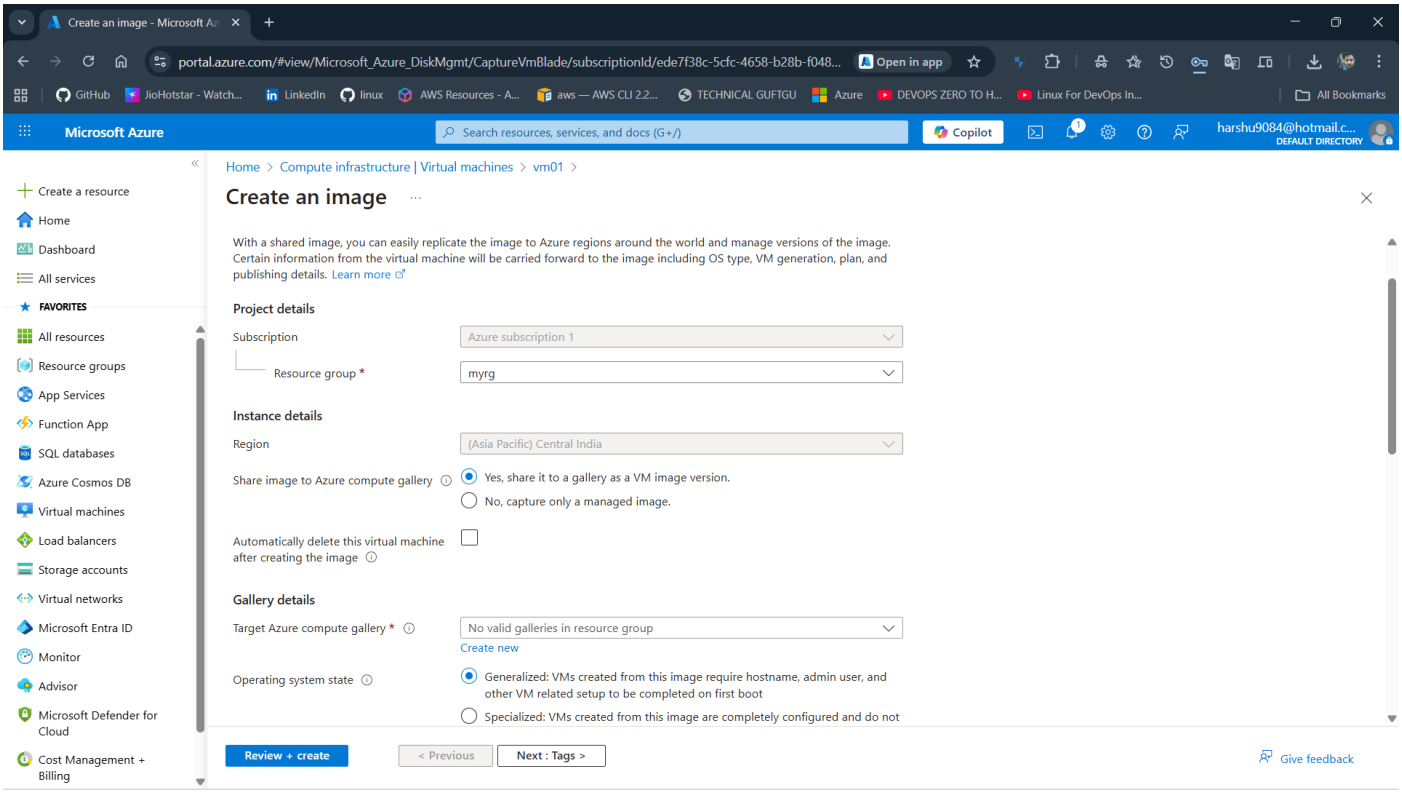
Part 2: Capturing a VM Directly to Create a Custom Image

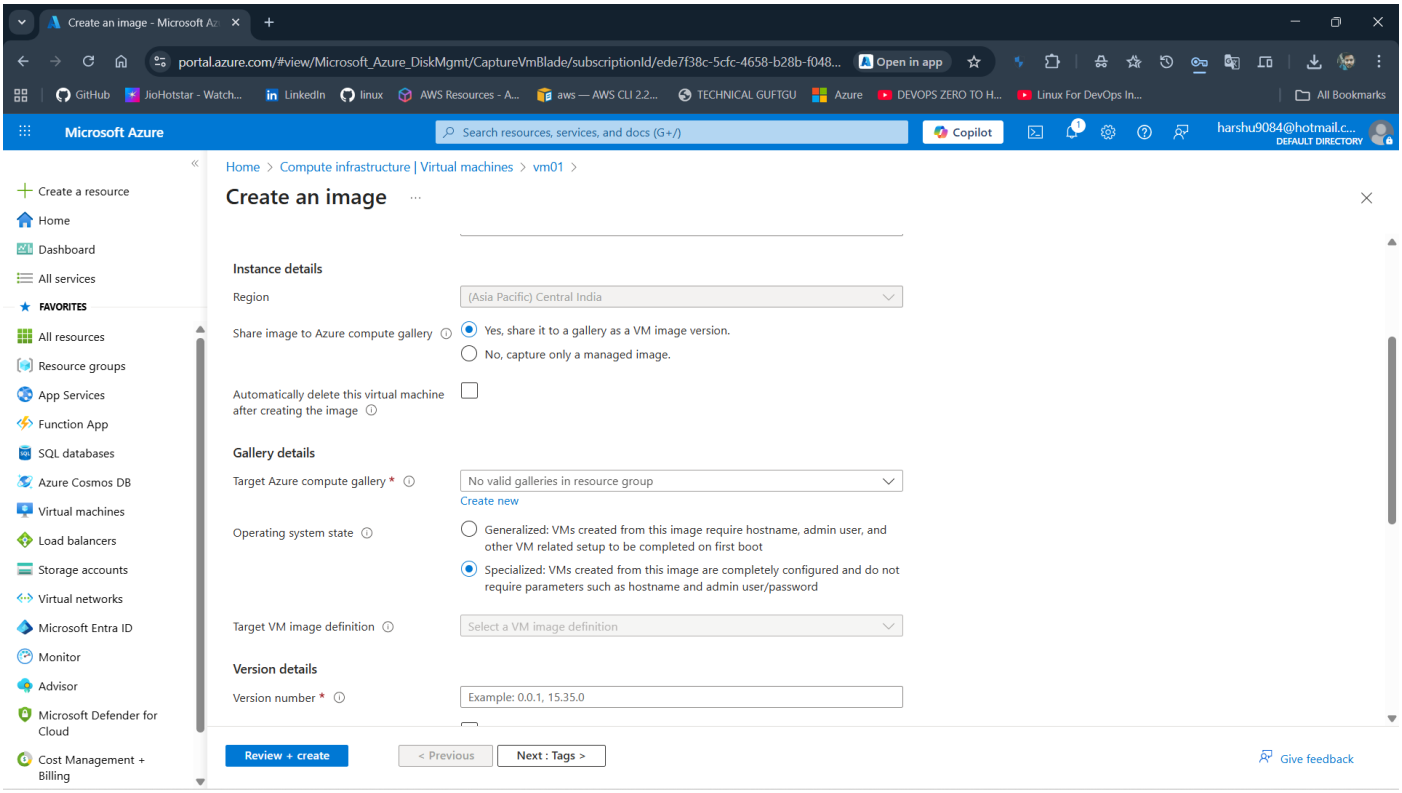
This method captures a VM directly into an image without using a snapshot.

Step 1: Prepare and Capture the VM

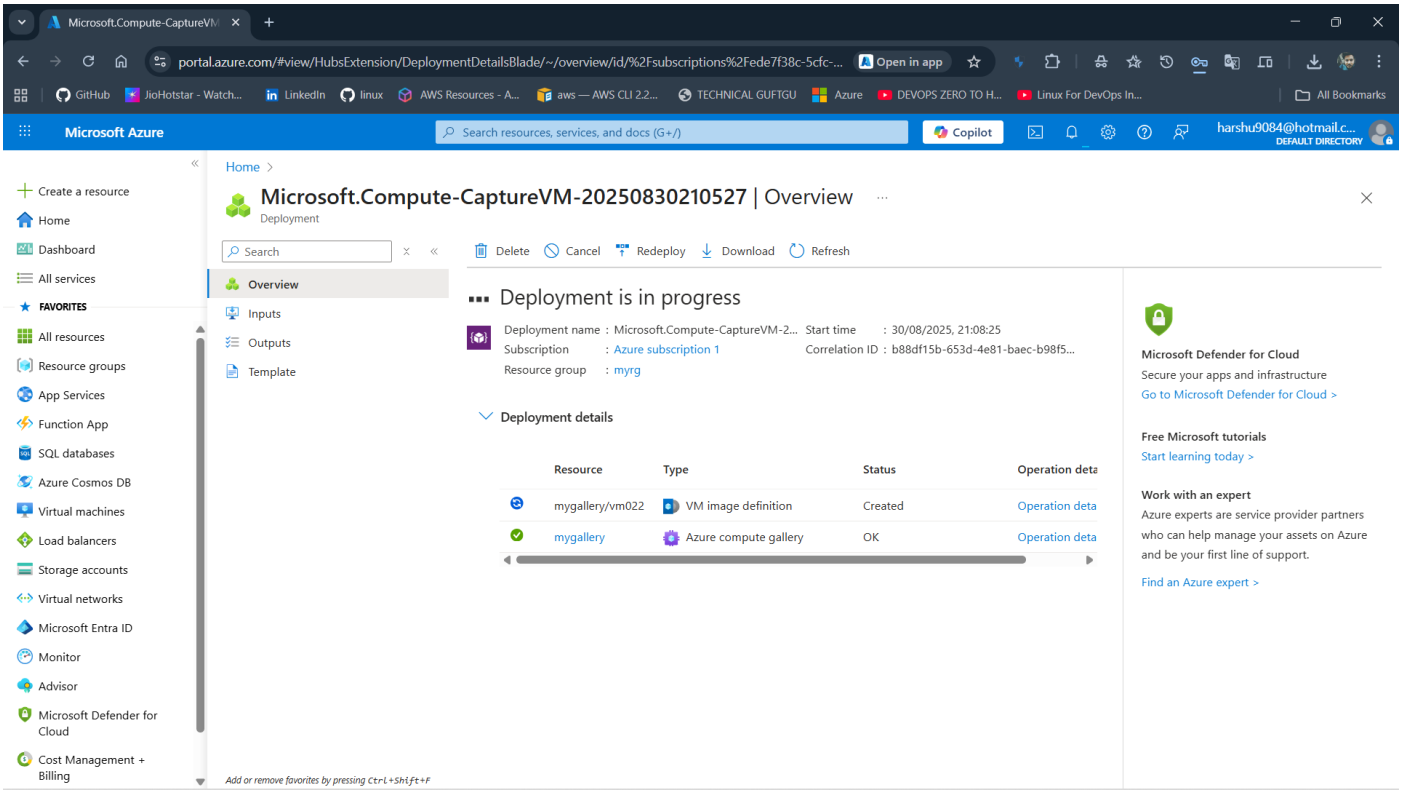


Step 2: Create the Image Version

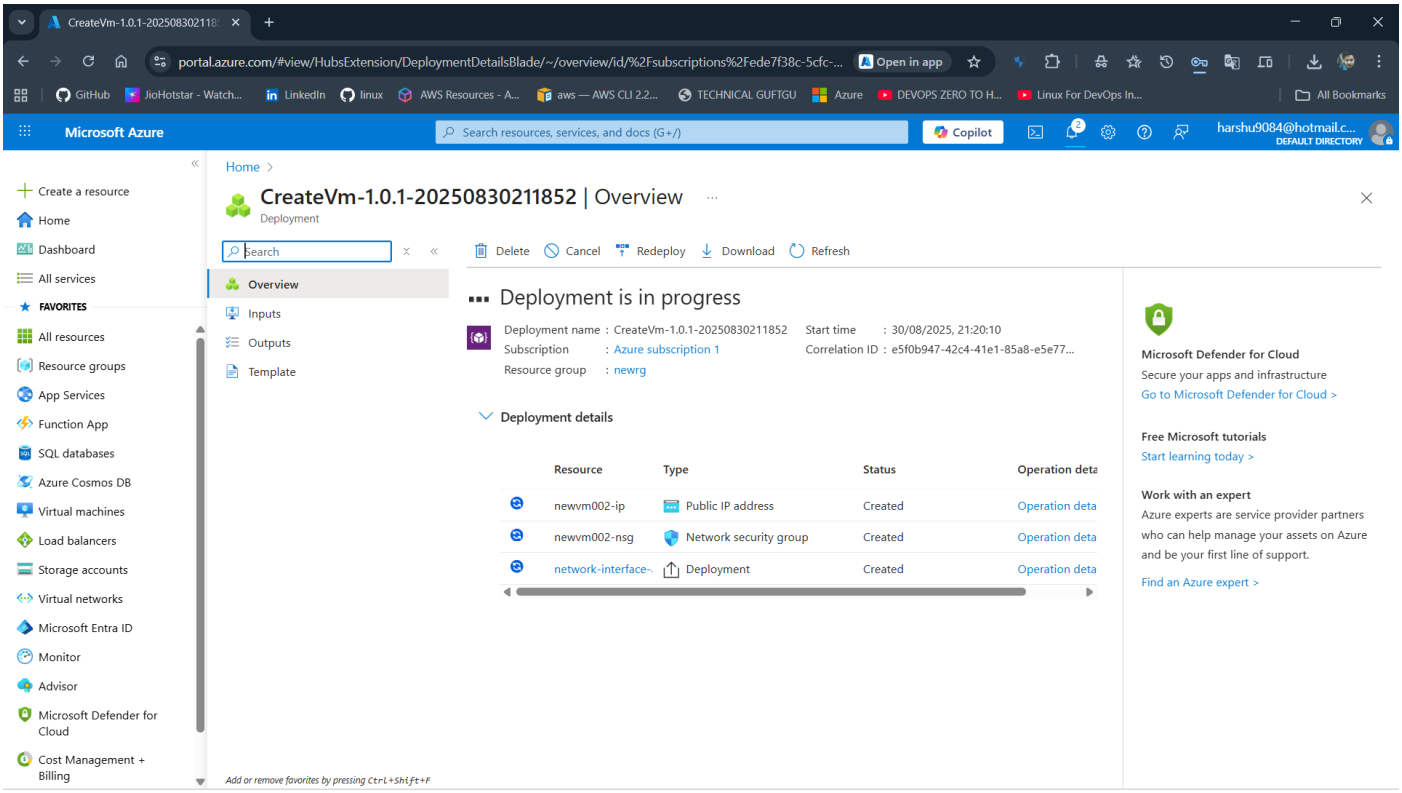




Deploying:



Step 3 – Deploying a VM from the Captured Image



Final Step - Verifying the New VM

- **Original VM (vm1) → 4.213.180.219**
- **Restored VM (restored-vm) → 74.225.219.151**

Connected to New VM: Logged into vm-new1 using its new public IP (74.225.219.151), proving it's an independent resource.

Software Check: Opened Visual Studio Code directly without reinstalling, showing the image carried over the setup.

Validation: The workflow VM → Image (via Compute Gallery) → New VM is verified—new VM has a different IP but retains all pre-installed tools.

Confirms image-based deployment creates fresh, independent VMs while keeping the original environment intact.