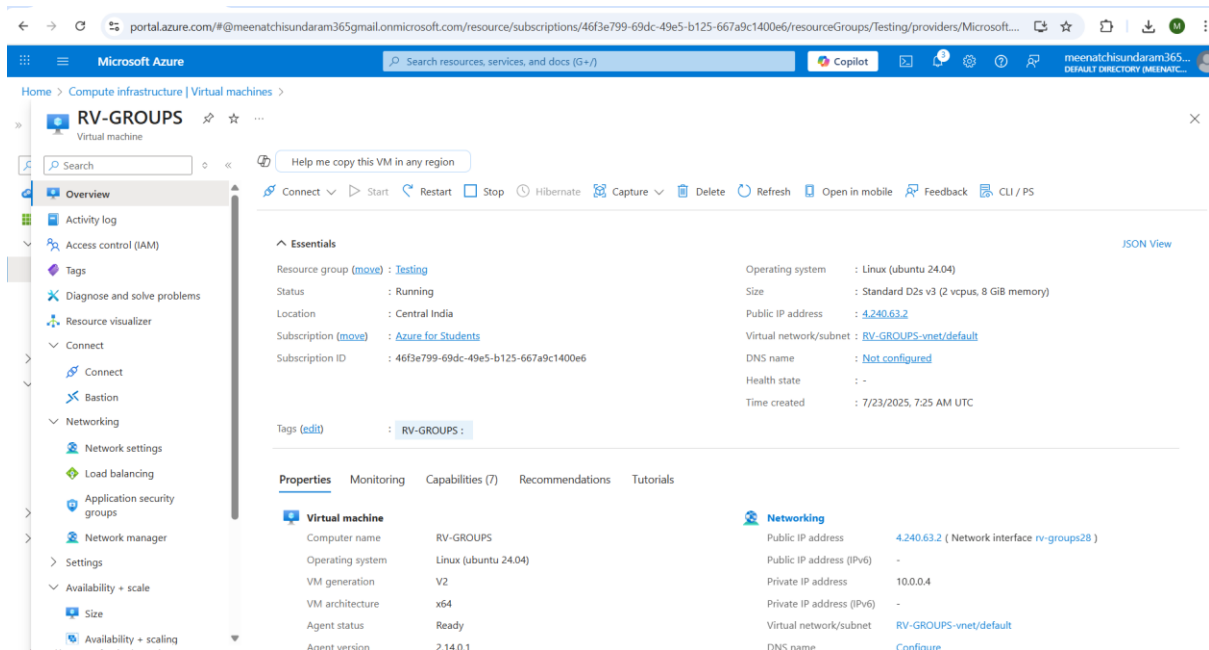# Cloning and Pulling a GitHub Repository on an Azure Linux VM

Objective:

To clone a GitHub repository into an Azure Linux virtual machine (VM) and perform a git pull to fetch the latest changes
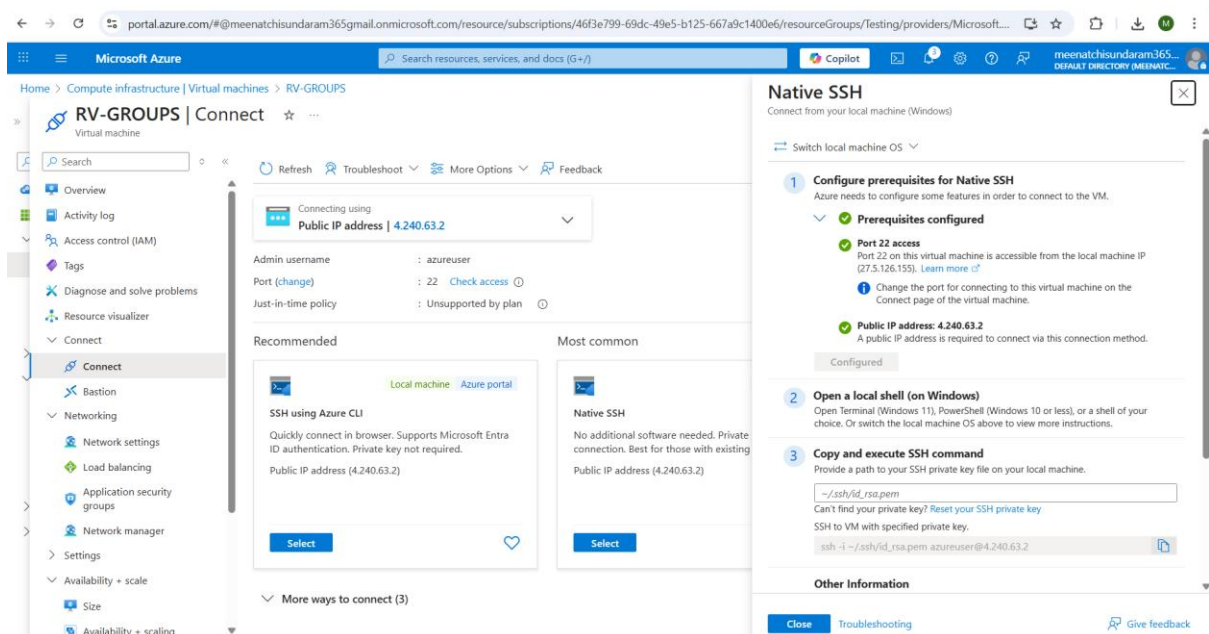
STEP 1 : Create and configure the Azure VM

STEP 2: Connect the VM through the SSH Key

STEP 3 : After successfully logging into the VM Executed the ls command. it show there is no file or directory inside the VM

STEP 4 : After successfully logging into the VM and cloning the GitHub repository, I navigated into the cloned directory.

STEP 5 : After navigating into the cloned repository directory, I executed the git pull command to ensure the local copy was up to date with the remote GitHub repository

```
The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Wed Jul 23 07:43:30 2025 from 27.5.126.155
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

azureuser@RV-GROUPS:~$ pwd
/home/azureuser
azureuser@RV-GROUPS:~$ ls
azureuser@RV-GROUPS:~$ git clone https://github.com/meenatchi-sundaram-git/AZ104-POC-
Cloning into 'AZ104-POC-'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 12 (delta 2), reused 11 (delta 1), pack-reused 0 (from 0)
Receiving objects: 100% (12/12), 2.75 MiB | 41.43 MiB/s, done.
Resolving deltas: 100% (2/2), done.
azureuser@RV-GROUPS:~$
azureuser@RV-GROUPS:~$ ls
AZ104-POC-
azureuser@RV-GROUPS:~$ cd AZ104-POC-
azureuser@RV-GROUPS:~/AZ104-POC-$ ls
TASK1.pdf   TASK2.pdf   TASK3.pdf   TASK4.pdf
azureuser@RV-GROUPS:~/AZ104-POC-$
azureuser@RV-GROUPS:~/AZ104-POC-$
azureuser@RV-GROUPS:~/AZ104-POC-$
azureuser@RV-GROUPS:~/AZ104-POC-$ |
```