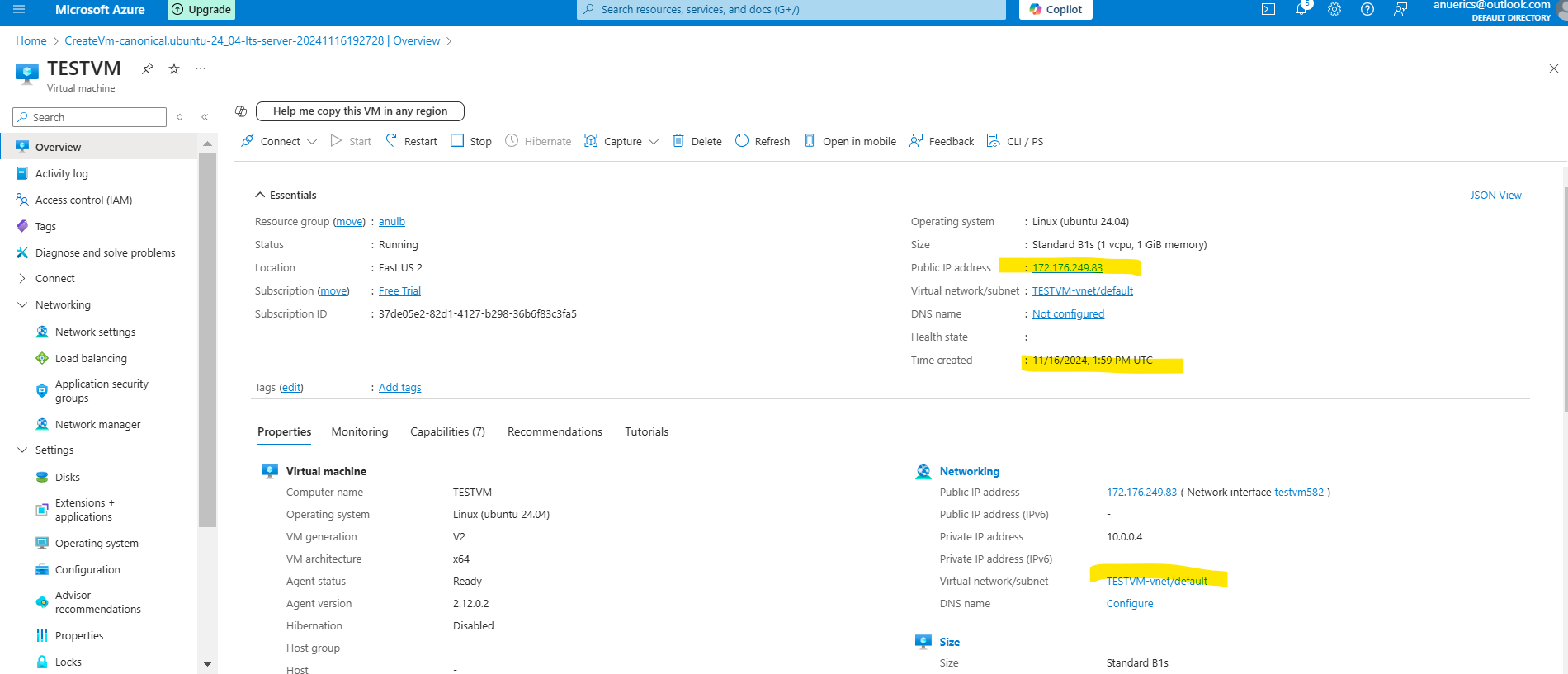
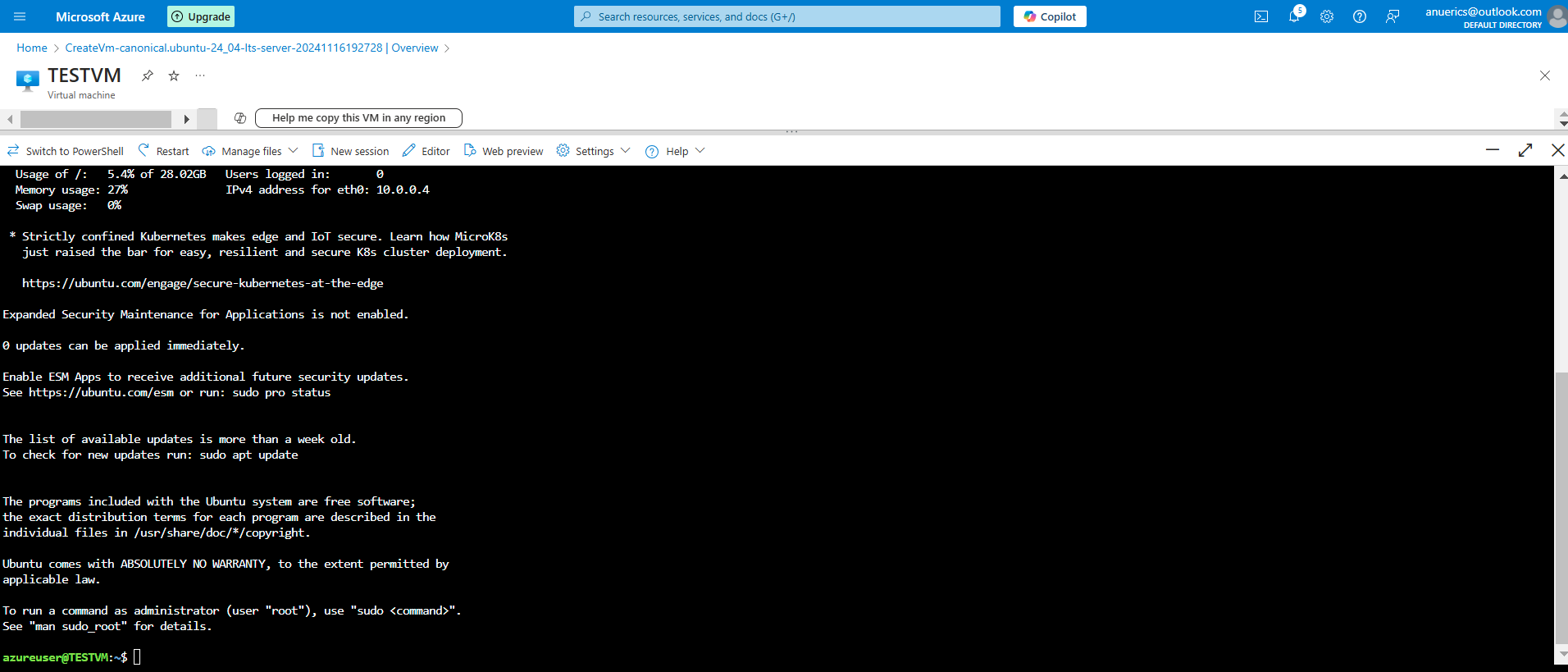
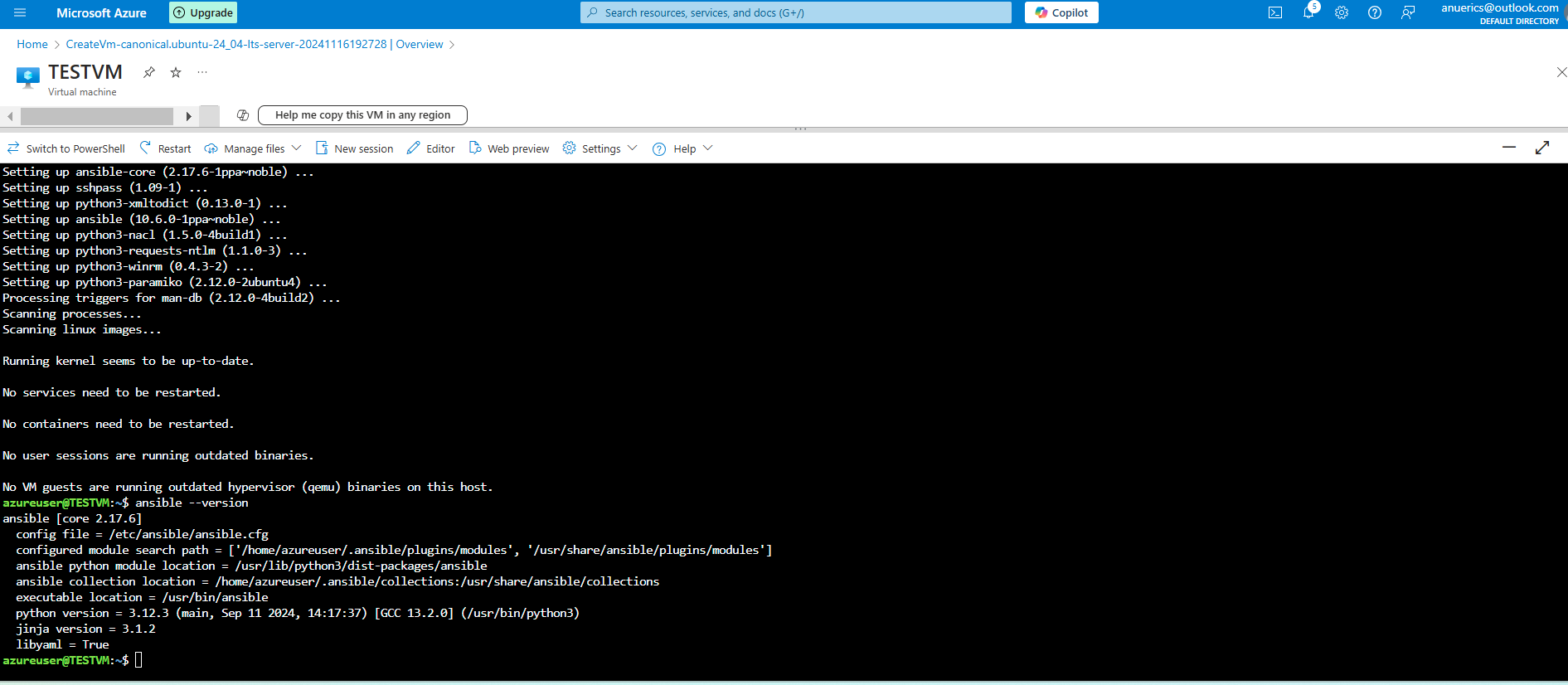
1. **Created linux VM with public key (listed below) and ip (172.176.249.83: TESTVM)**

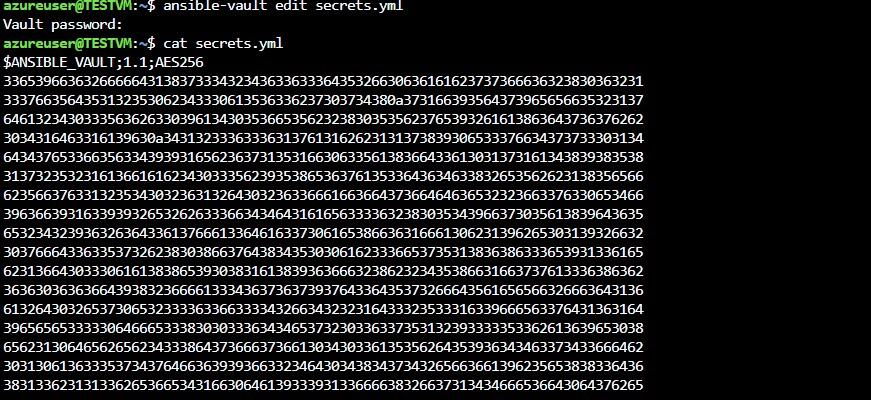


* Installing ansible on host machine through commands



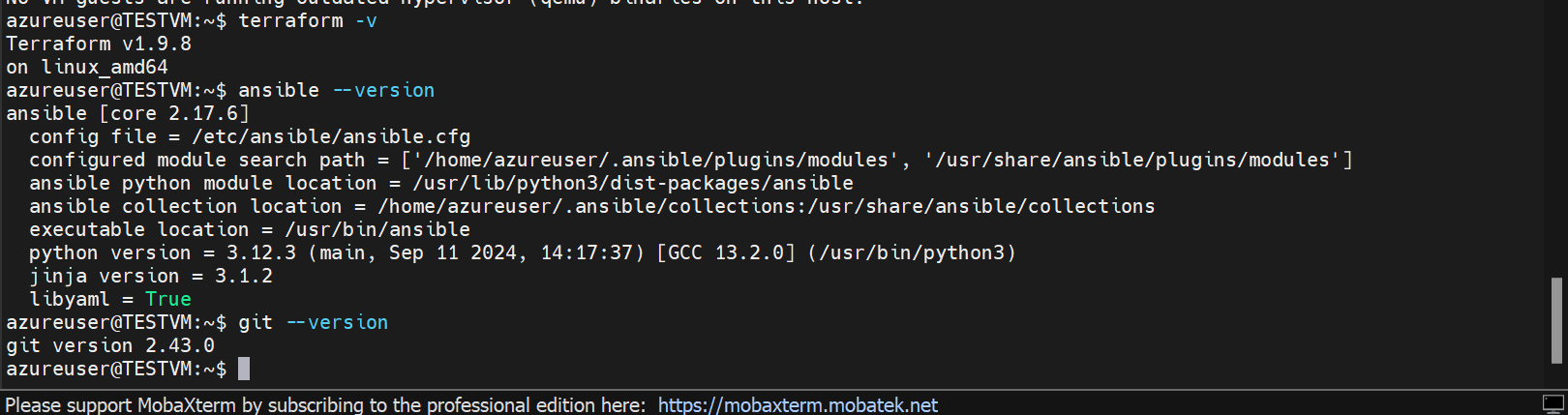


* Created ssh key using ssh-keygen -t rsa -b 2048 -f ~/.ssh/id\_rsa and placed private key stored in secrets.yml ansible vault.



3 . Using the host created above perform the below operation using ansible playbook

1. Install terraform and git on the machine : installed through commands.



**Playbook script : ---**

- name: Automate tasks on the Azure VM

hosts: all

become: yes

tasks:

- name: Install required packages (Terraform and Git)

apt:

name:

- terraform

- git

state: present

update\_cache: yes

- name: Clone the Terraform GitHub repository

git:

repo: "https://github.com/Anuaniyammal/Terraform-tasks.git"

dest: /tmp/Terraform-tasks

version: main

- name: Change directory to "Windows VM" folder and execute Terraform scripts

shell: |

cd /tmp/Terraform-tasks/Windows\ VM

terraform init

terraform apply -auto-approve

register: terraform\_output

- name: Capture the Terraform output

debug:

msg: "{{ terraform\_output.stdout }}"

- name: Cleanup cloned files (delete the repository folder)

file:

