HP

TASK - THIRTEEN

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steps for creating an free trial microsoft azure

- Visit Azure Free Account page.
- Click **Start Free**.
- Sign in with a Microsoft account or create one.
- Provide billing information and verify payment method (you won't be charged unless you exceed free-tier usage).
- Finish setup and access Azure portal.

Steps to Create a VM in Azure from the Azure Portal

1. Sign in to Azure Portal

- Go to Azure Portal.
- Sign in with your Microsoft Azure account credentials.

2. Create a Resource Group (Optional but recommended)

- In the left-hand navigation pane, select **Resource groups**.
- Click **+ Create**.
- Provide a name for the resource group (e.g., `myResourceGroup`).
- Choose a **Region** where your resources will be located (e.g., `East US`).
- Click **Review + create**, and then **Create**.

3. Create the Virtual Machine

- In the Azure portal, search for **Virtual machines** in the search bar at the top or select **Virtual machines** from the left-hand menu.
- Click **+ Create** > **Azure virtual machine**.

3.1 Basics Tab

- **Subscription**: Ensure the correct Azure subscription is selected.
- **Resource Group**: Select the resource group you created earlier (`myResourceGroup`), or create a new one.
- **Virtual Machine Name**: Enter a name for your VM (e.g., `myWindowsVM`).
- **Region**: Choose a region where the VM will be hosted (same region as the resource group for consistency).
- **Availability options**: Choose `No infrastructure redundancy required` unless you need availability features.
- **Image**: Choose the windows/ubuntu image you want
- **Size**: Select a size for your VM. If you're using a free account, choose a **B1s** size which falls under the free tier.
- **Administrator Account**:

- **Username**: Choose a username for your VM (e.g.ajin).
- **Password**: Set a secure password for logging into the VM.

3.2 Disks Tab

- Choose **Standard SSD** for better performance or **Standard HDD** if you're minimizing costs.
- Keep the default settings unless you have specific disk requirements.

3.3 Networking Tab

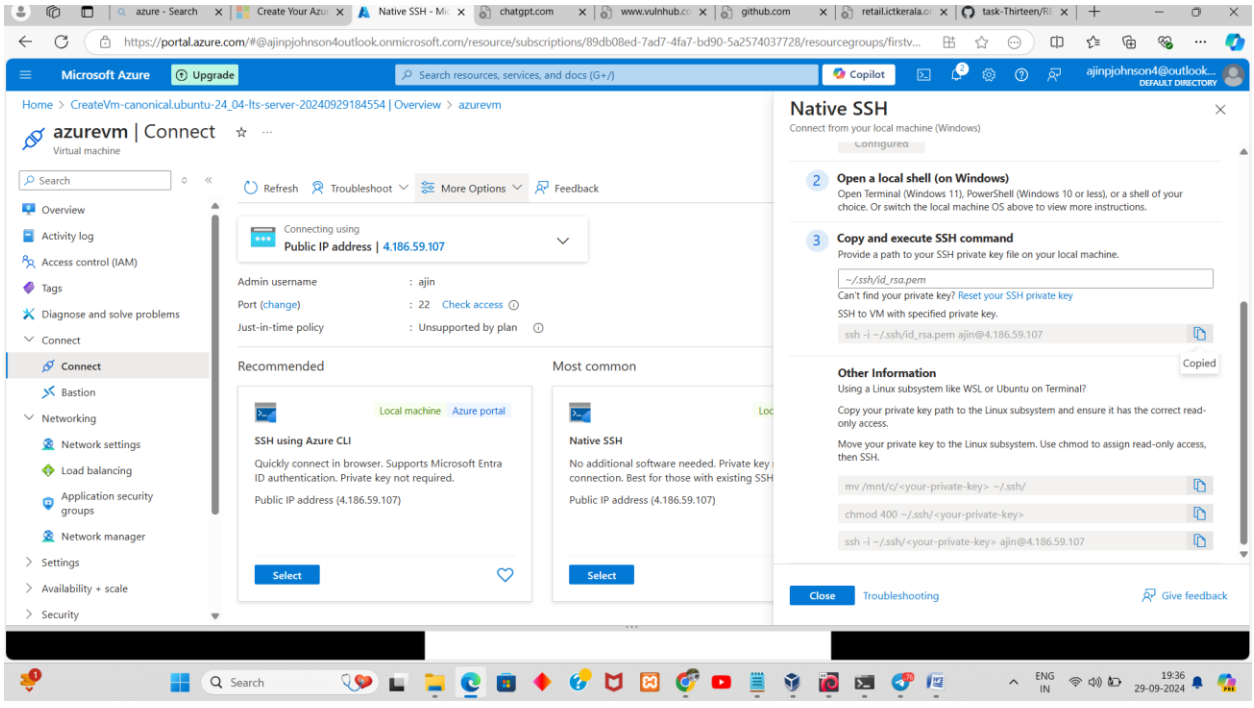
- **Virtual network**: Use the default virtual network or create a new one.
- **Public IP**: Ensure a **Public IP** address is assigned so you can access the VM remotely.
- **NIC network security group (NSG)**: Select **Basic**.
  - **Inbound ports**: Enable **RDP (3389)** to allow remote desktop connection to the VM.
  - You can also add additional rules later if necessary.

3.4 Management Tab

- **Boot diagnostics**: Leave this enabled for troubleshooting purposes.
- Keep the default settings for the rest unless you have specific management requirements.

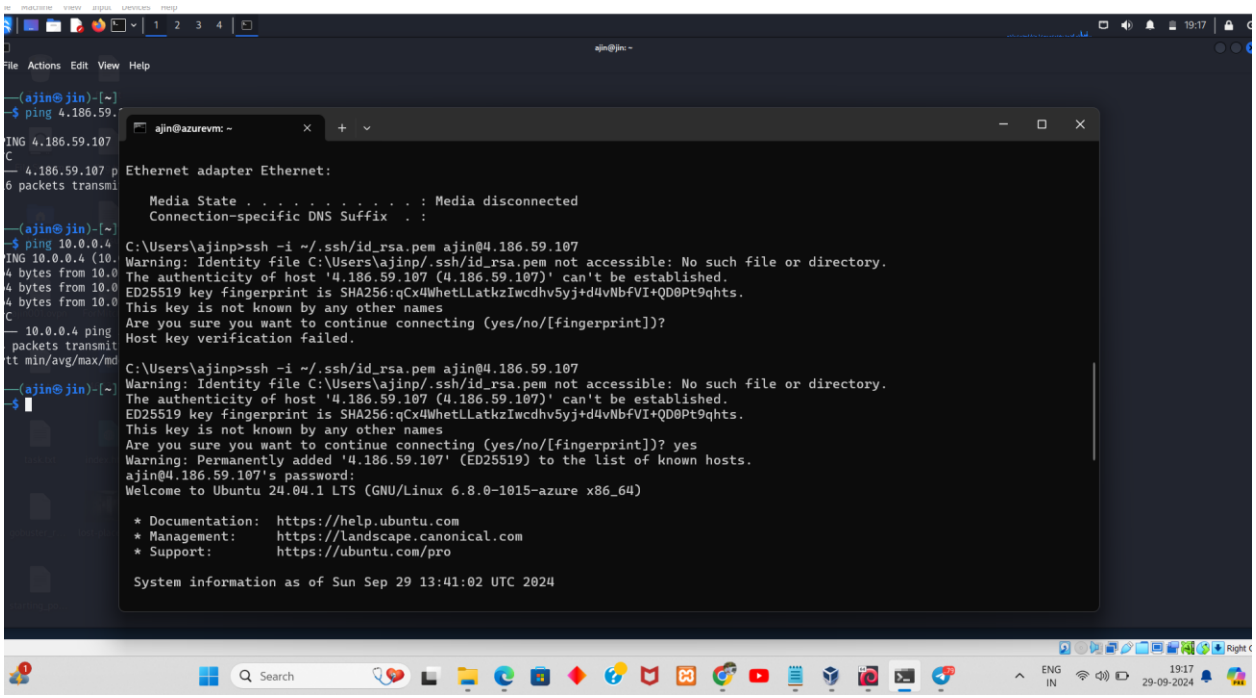
3.5 Review + Create

- Click **Review + Create** to review the VM settings.
- After validation passes, click **Create**.

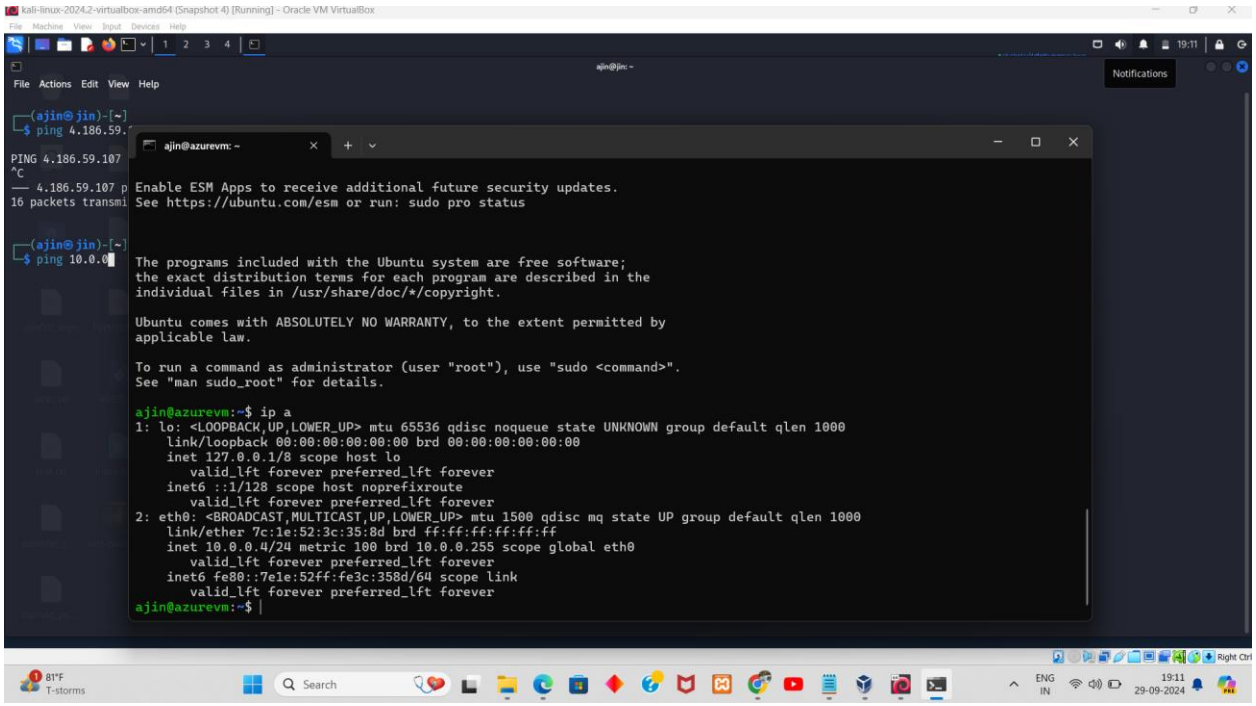


Login to your VM via SSH, from here copy command : ssh -i ~/.ssh/id_rsa.pem username@ipaddress

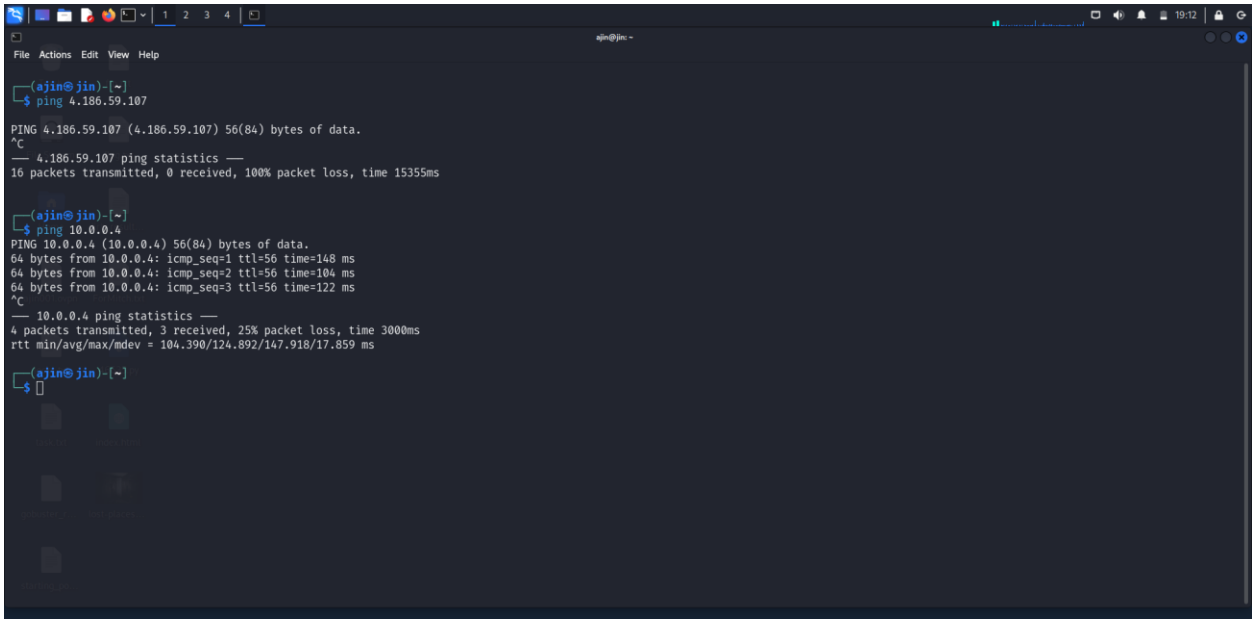
enter your password and login



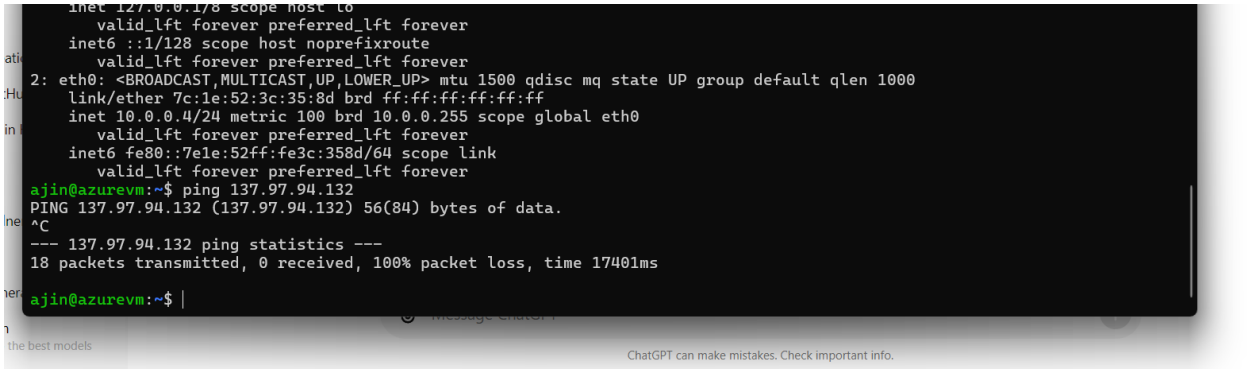
ping vm ip from kali linux



Here my vm ip is :**10.0.0.4**



try pinging your public IP from cloud VM.



Can’t ping my public ip