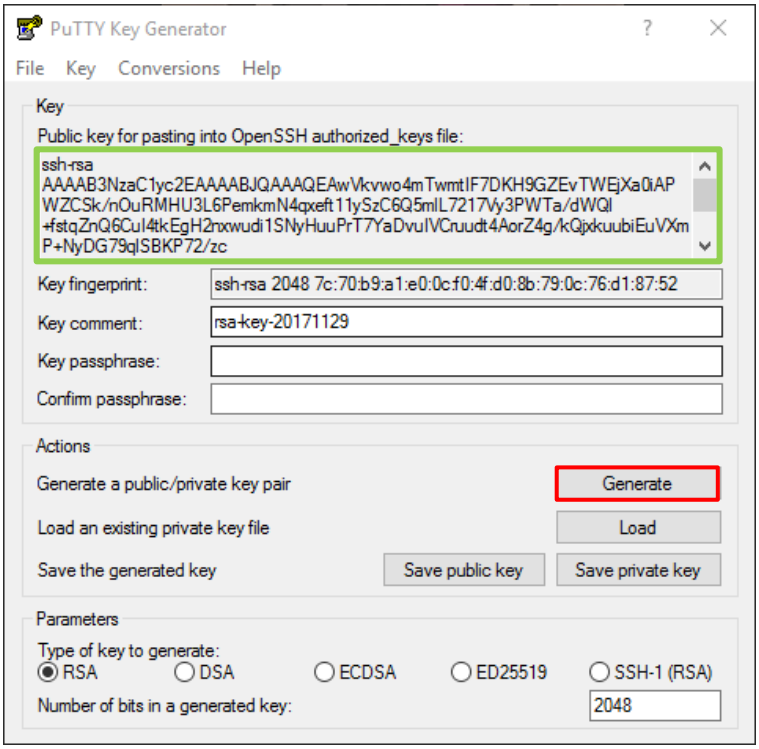
Module 2: Azure Virtual Machines And Networking

Demo - 2

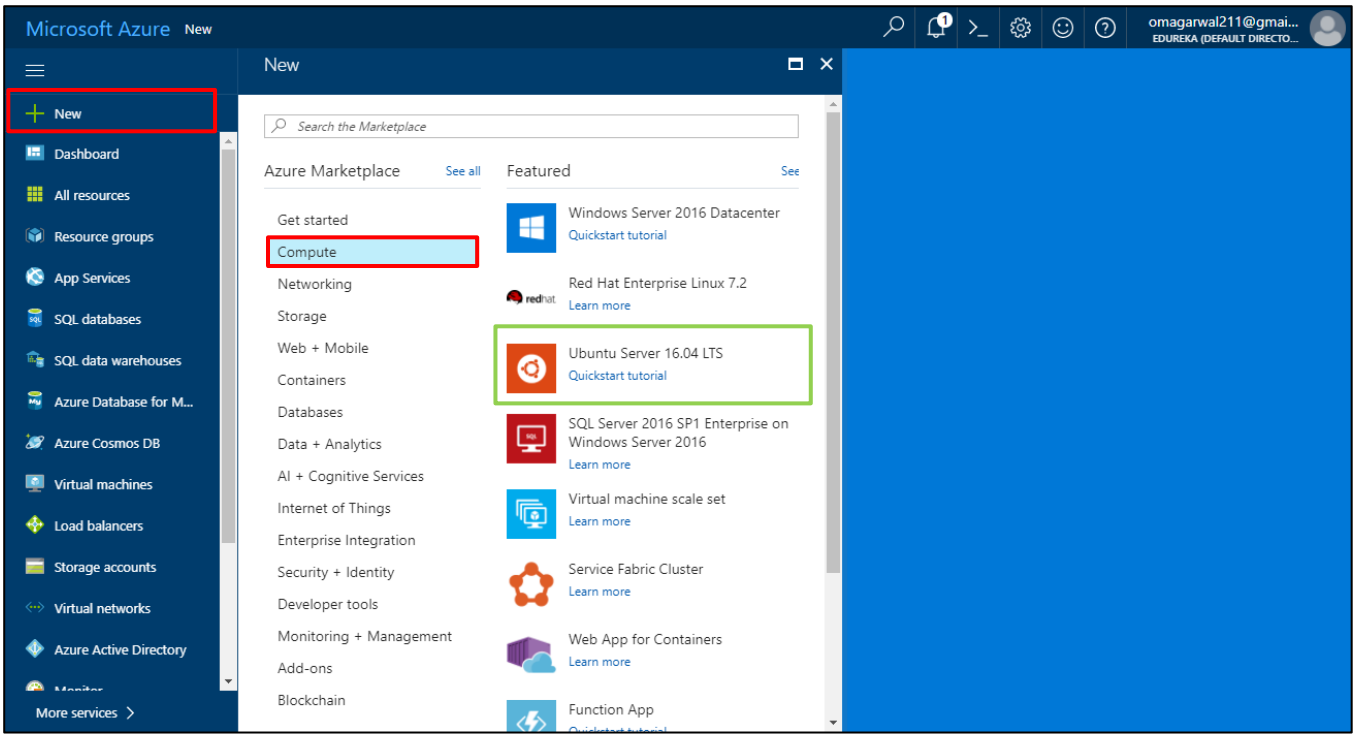
Demo 2 – Deploy A Linux Virtual Machine And Connect To It

➢ Creating a LINUX VM using Azure Portal

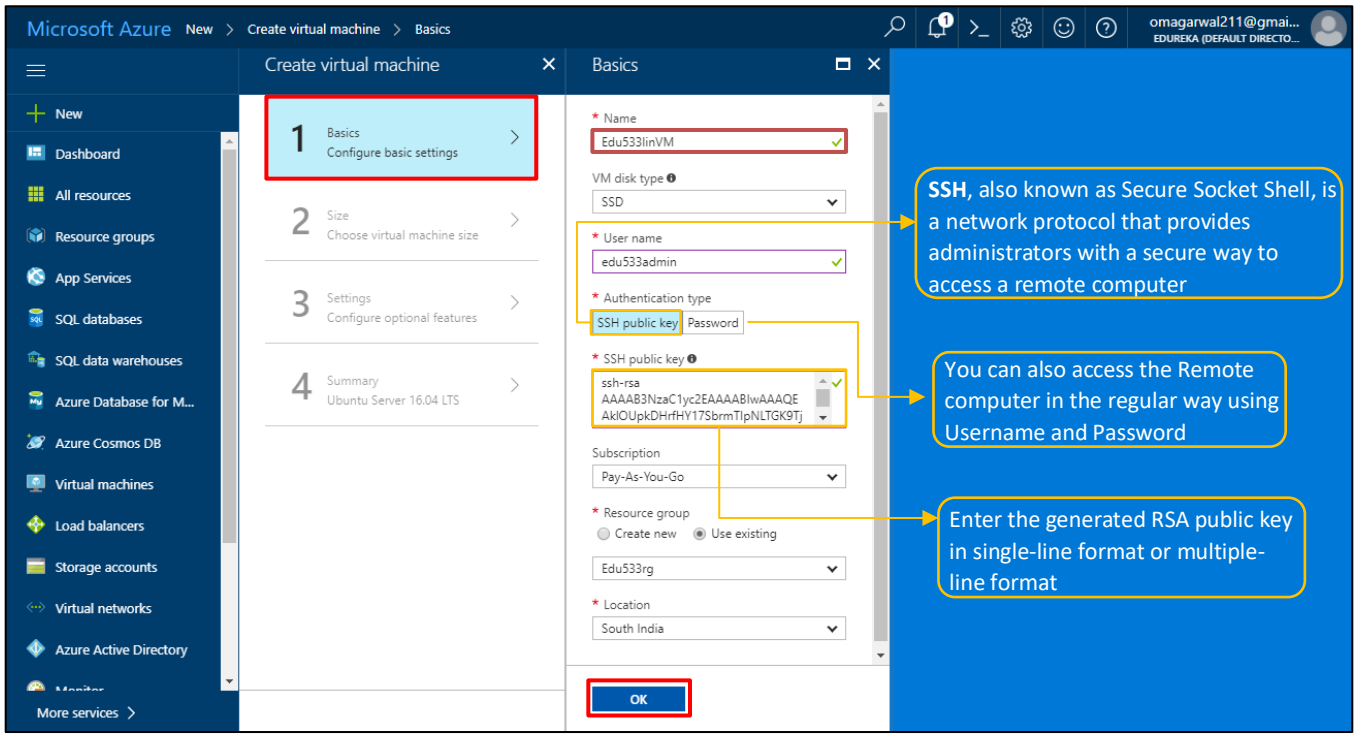
Step 1: Once you have downloaded the Putty tool, Open the PuttyGen on your system > Click on **Generate** option:



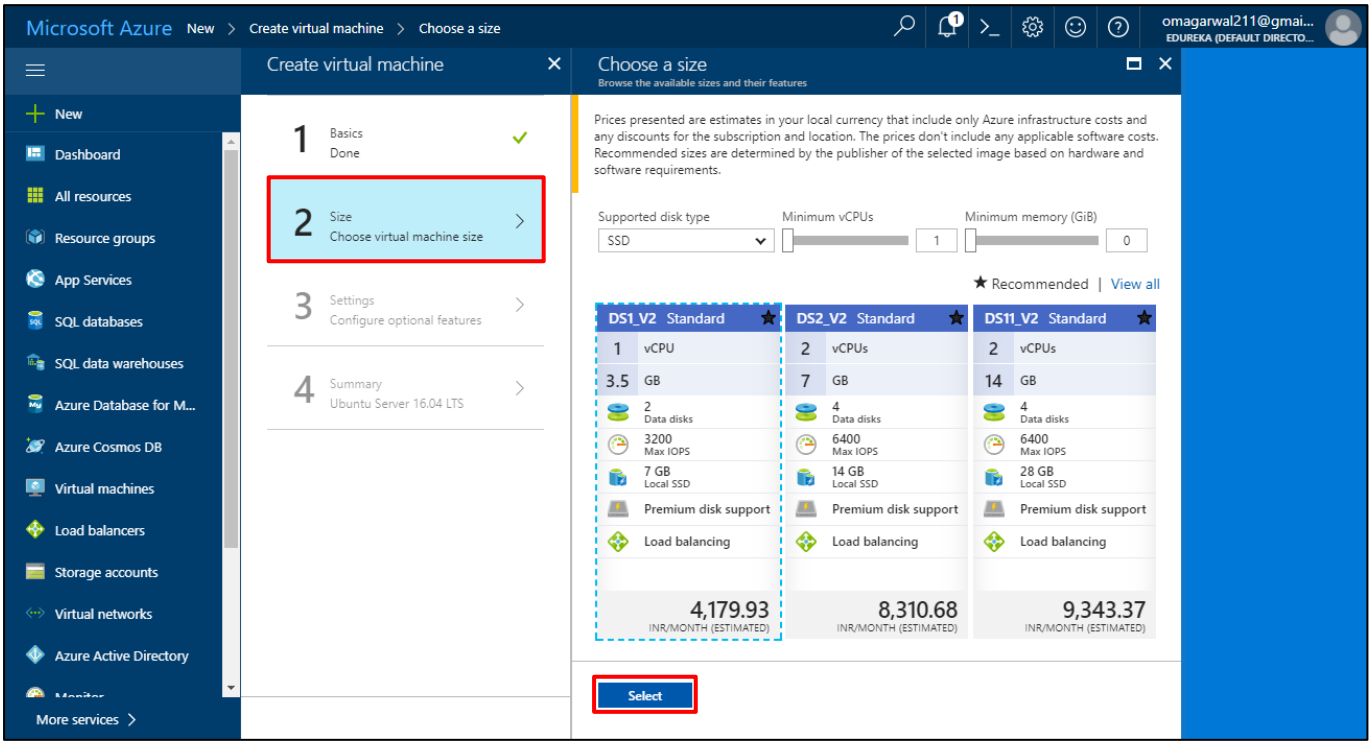
Step 2: In the Azure Portal and Goto: **+New** > Compute > **Ubuntu Server** and fill the required details just like Windows:



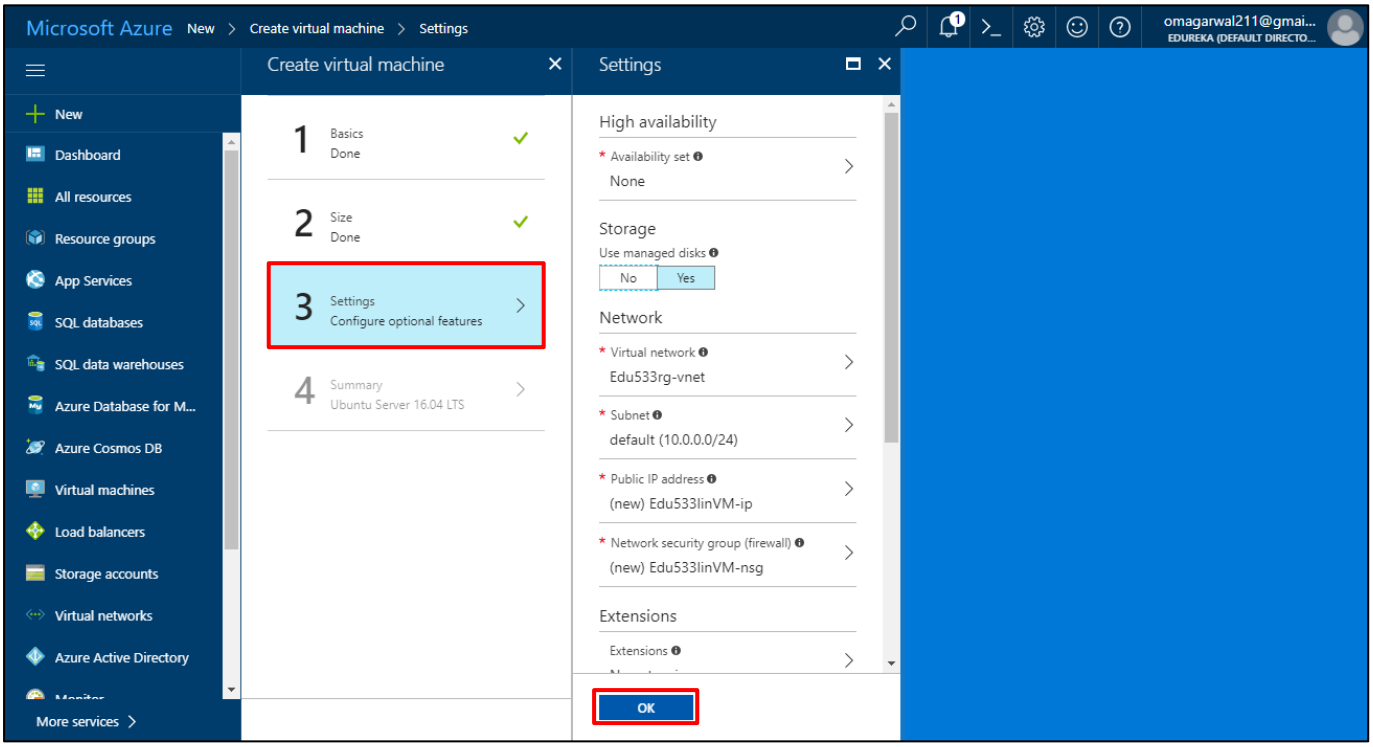
Step 3: Fill all the details as same as that of a Windows creation except for a typical SSH public key login> Click **Create**:



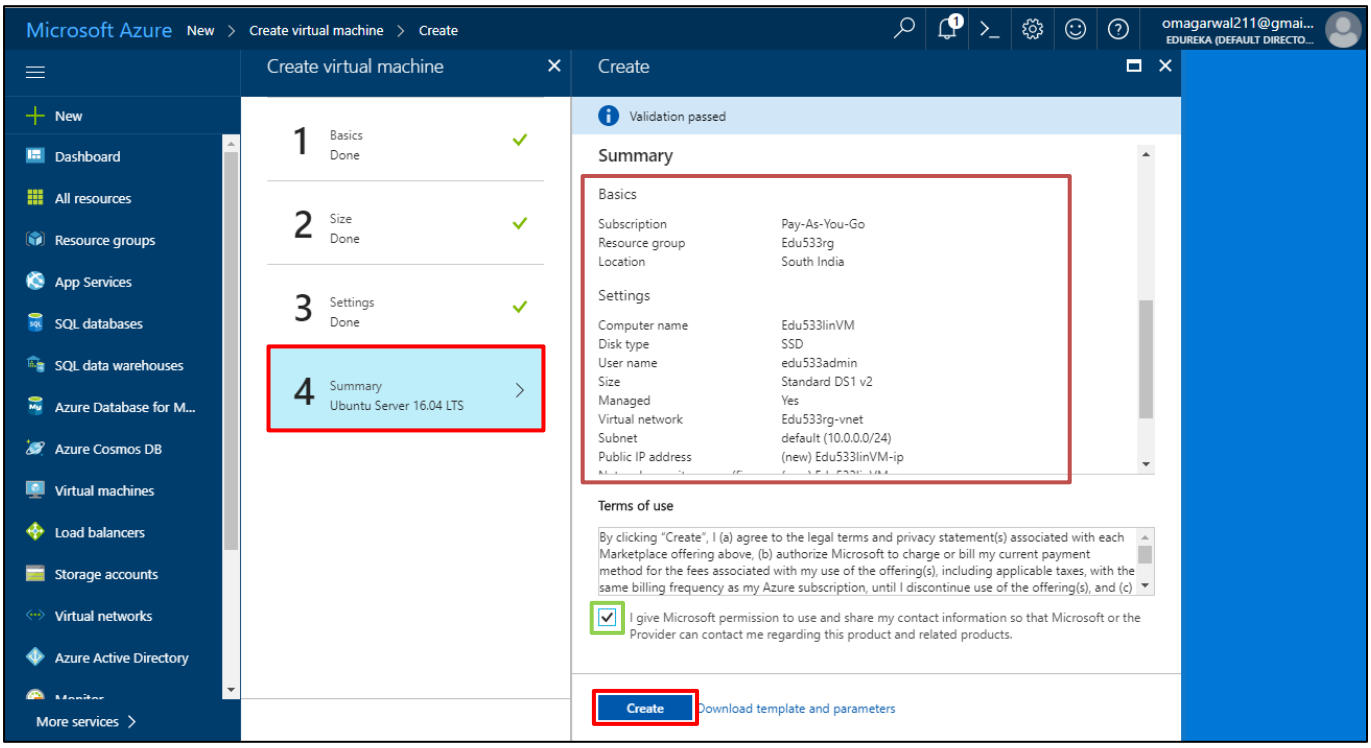
Step 4: Select the required VM disk size in the **Size** blade:



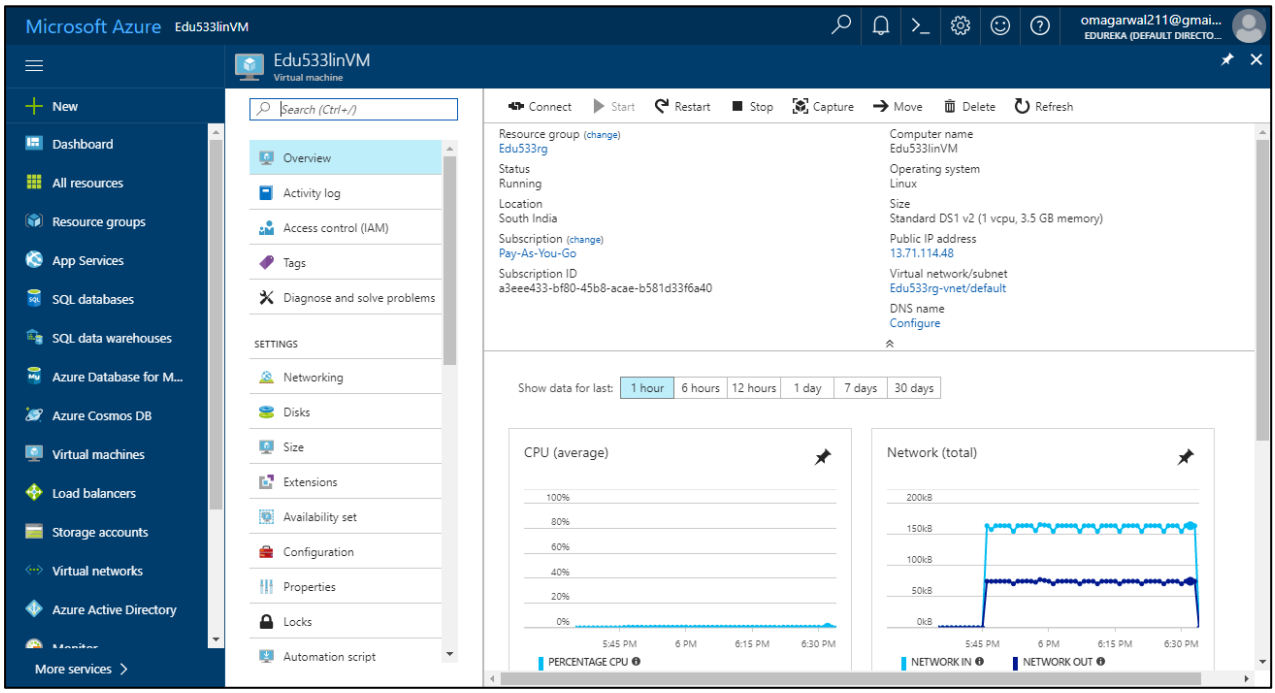
Step 5: Configure the VM settings in the same way you did for Windows VM and click **OK**:



Step 6: Once the settings is configured, it is **Validated** and upon clicking **OK**, VM is deployed:

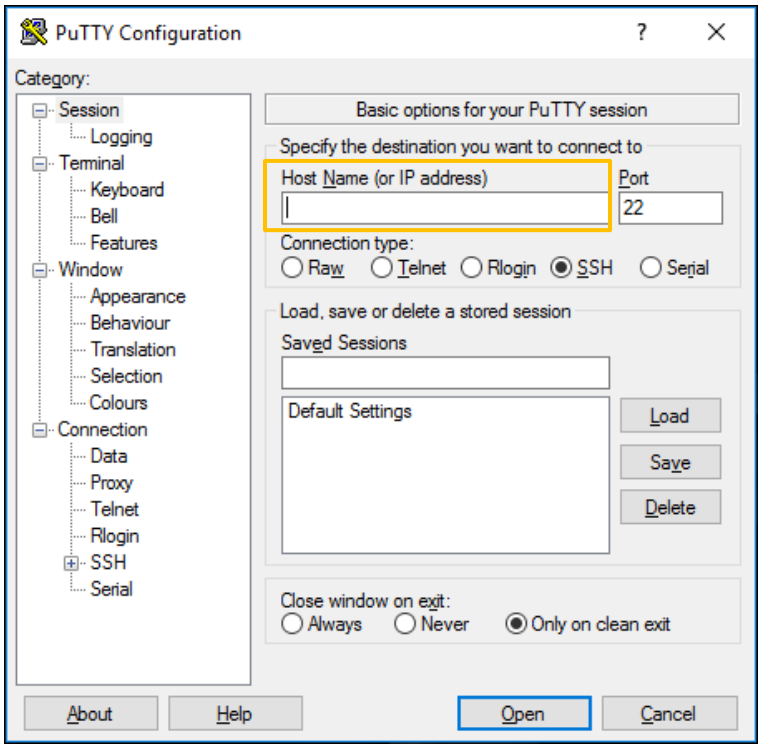


Step 7: Once the new VM is deployed and running, you will be redirected to the Overview window as shown below:

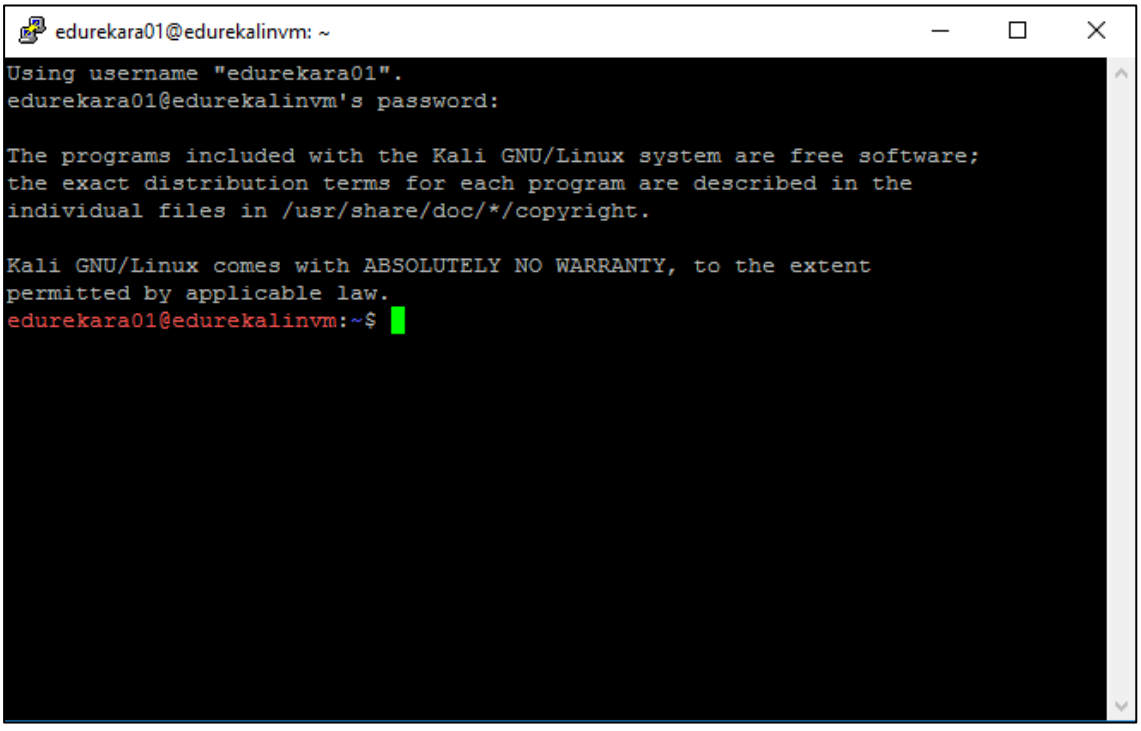


➢ Connect to a LINUX VM

Step 1: Open your local remote desktop client (PuTTY) and connect to the IP address or DNS name of your Linux VM:

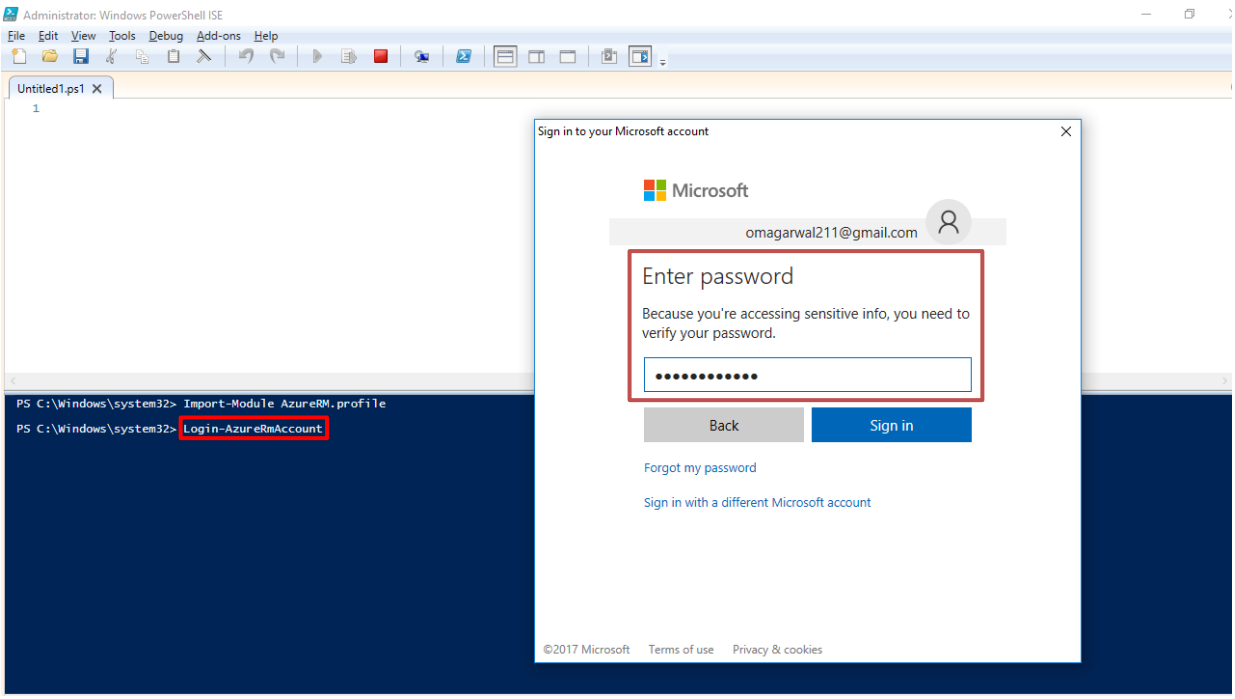


Step 2: Once you have established a connection to your Linux VM, the below terminal will be accessible:

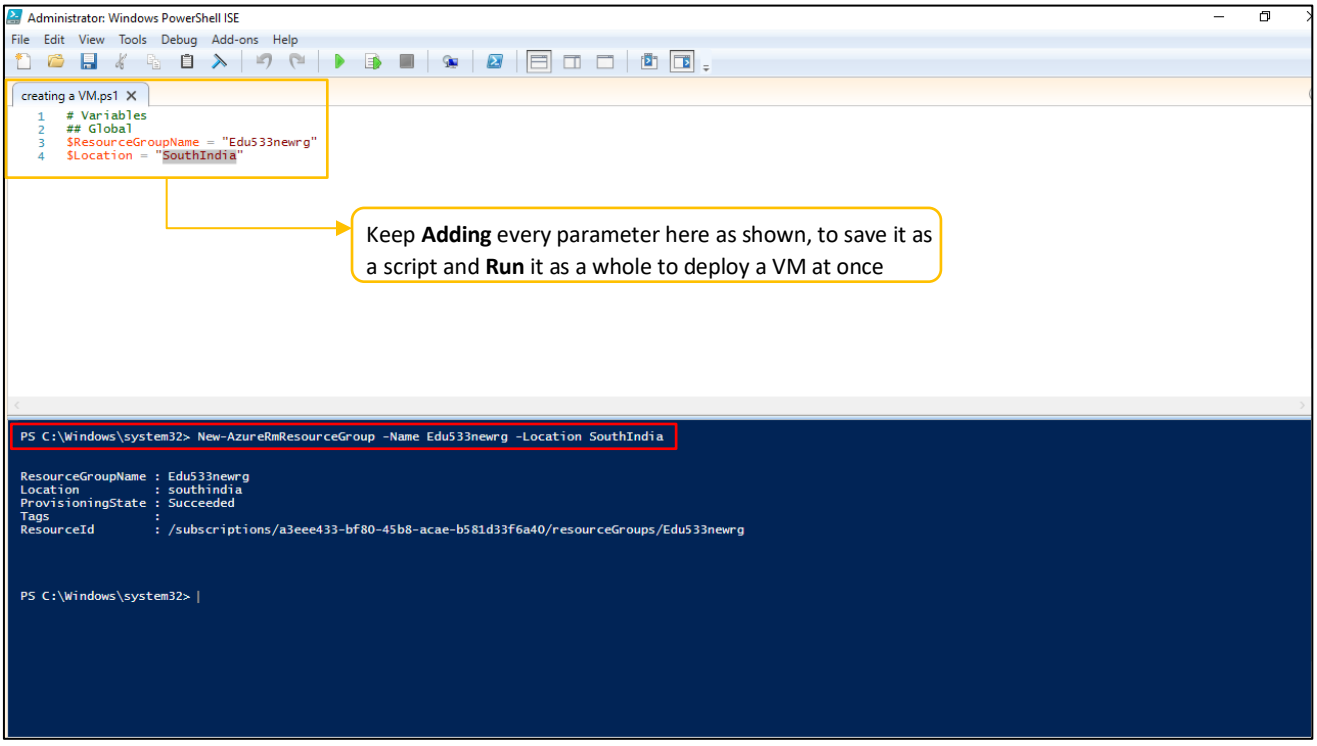


➢ Connect to a LINUX VM

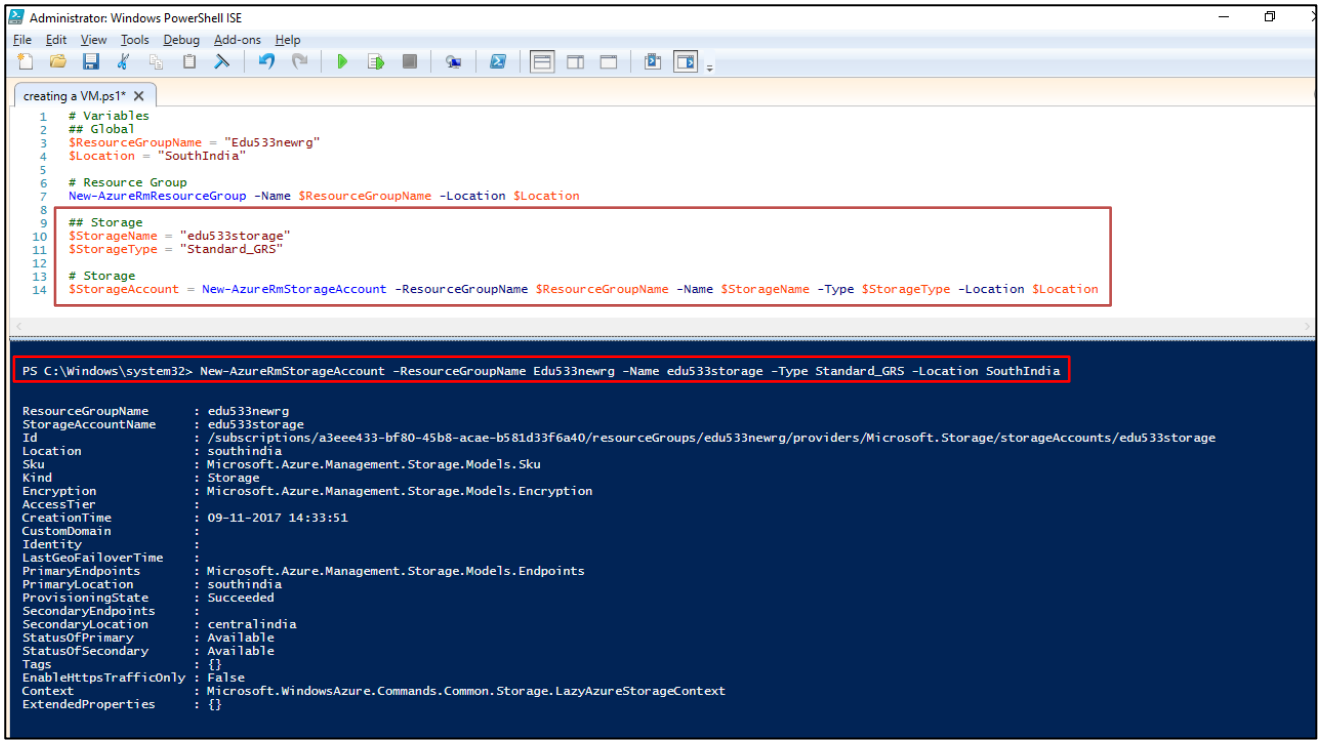
Step 1: Once you have opened the PowerShell, Run **Login-AzureRmAccount** and enter the Account credentials:



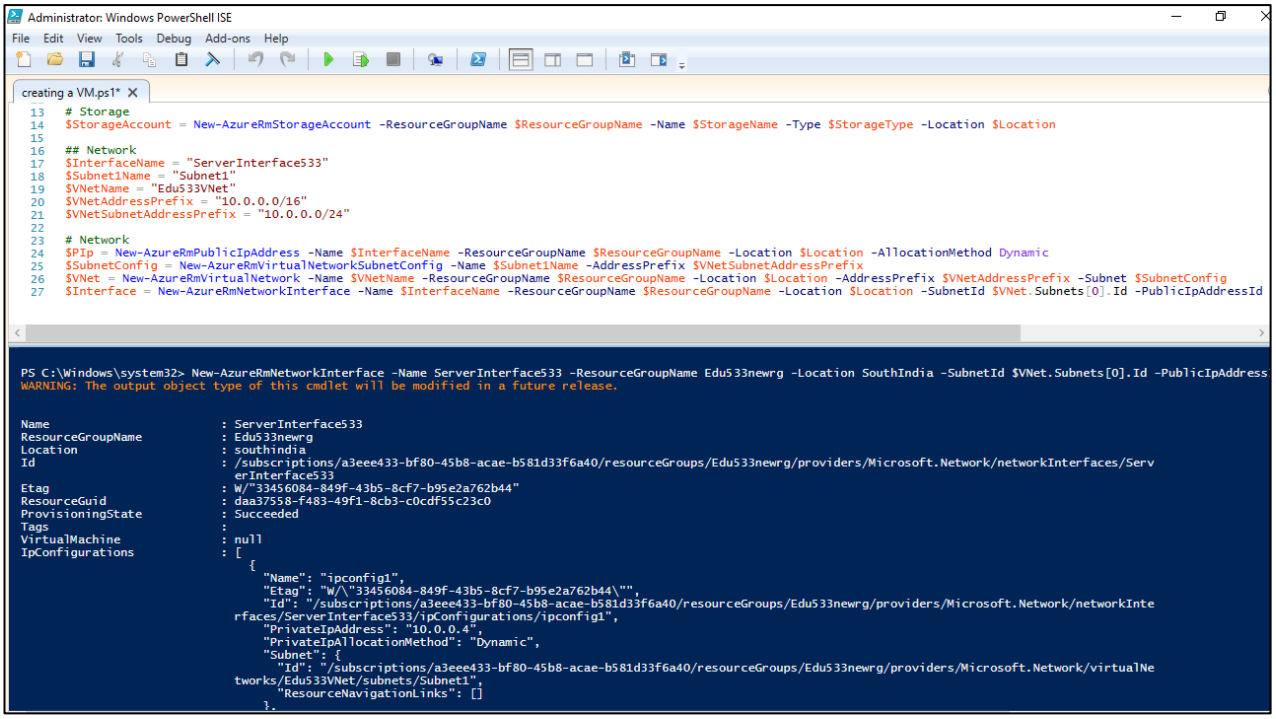
Step 2: In the Command line, Enter the below shown command to create a **Resource Group**:



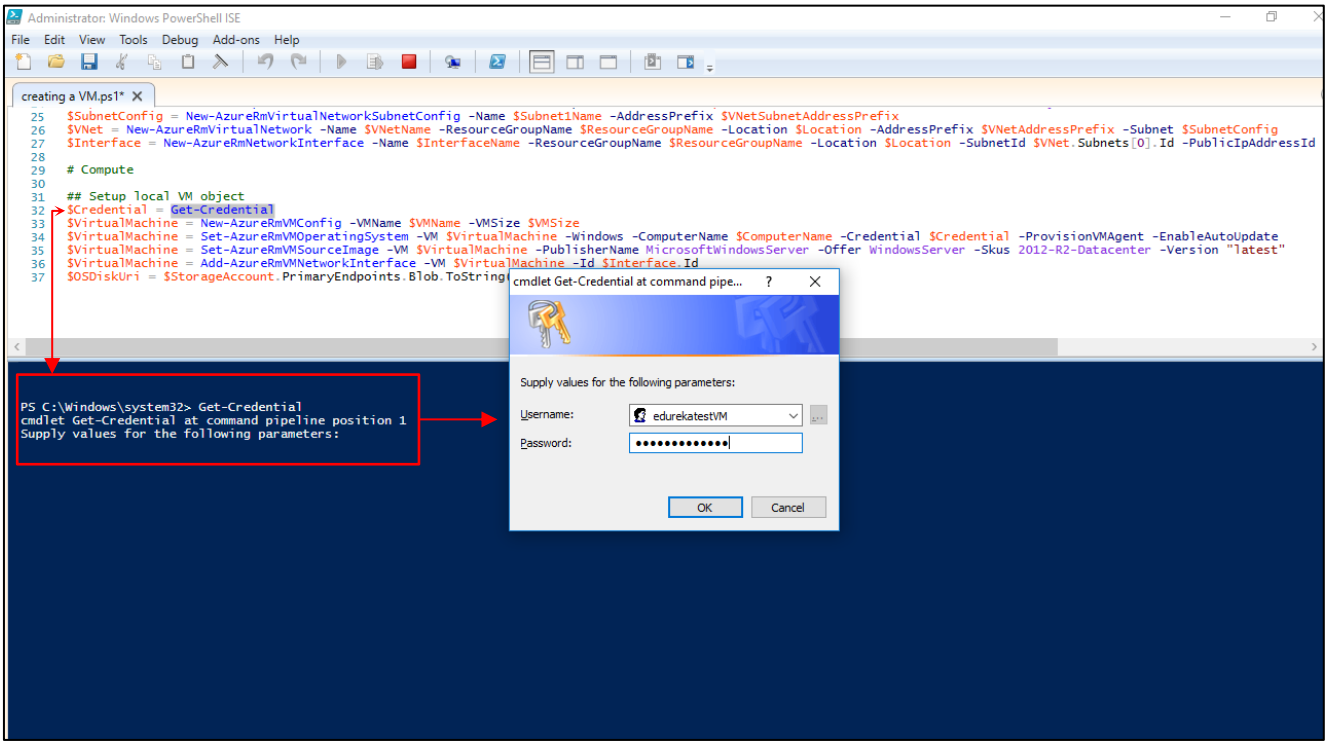
Step 3: In the Command line, Enter the below shown command to create a **Storage Account**:



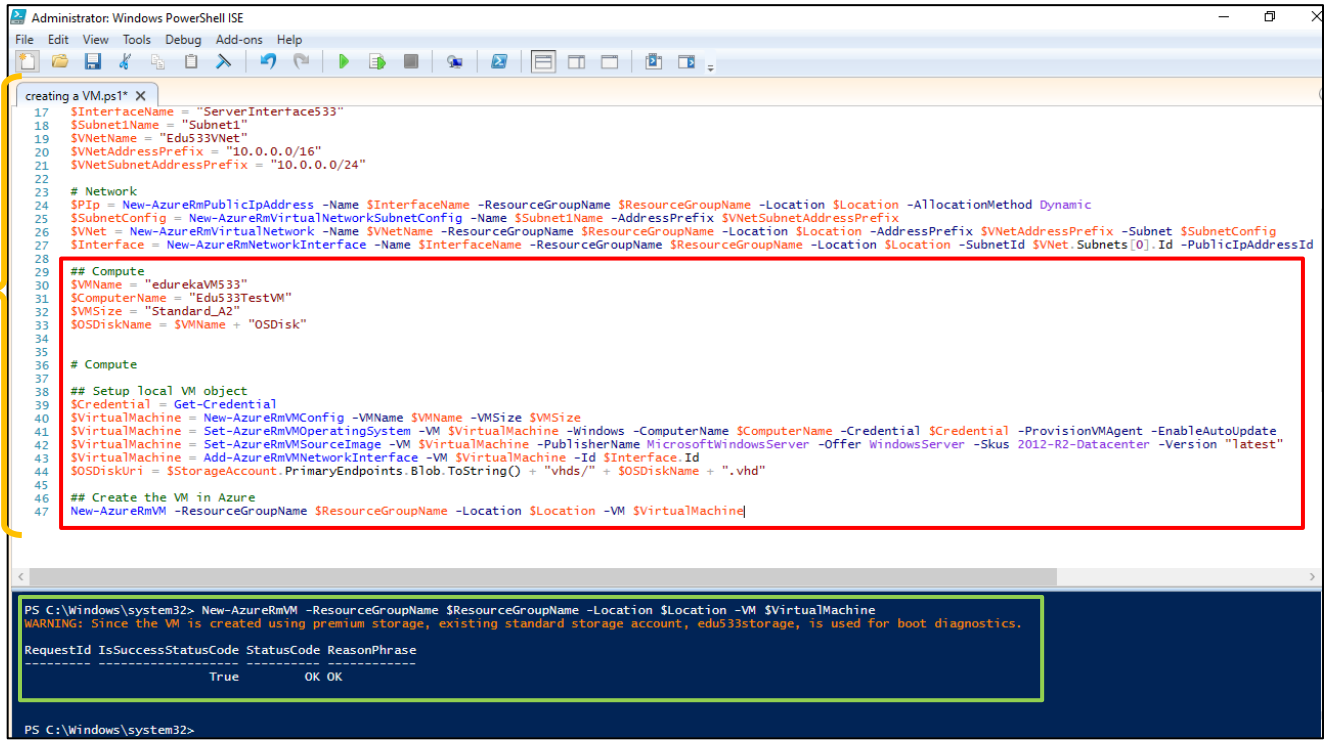
Step 4: Enter the below commands to create **PIP**, **Subnet**, **VNet**, and **NIC** one after the other respectively as shown:



Step 5: First step to create a VM is to provide the desired credentials to that VM as shown below:



Step 6: After creating Network resources, **Setup Local VM Object** > Deploy the **VM**:



After the deployment, you can save script for one time deployment. Find the Additional resource provided with this module

Step 7: Once the VM Creation command has been executed successfully, You can check the same on **Portal**: