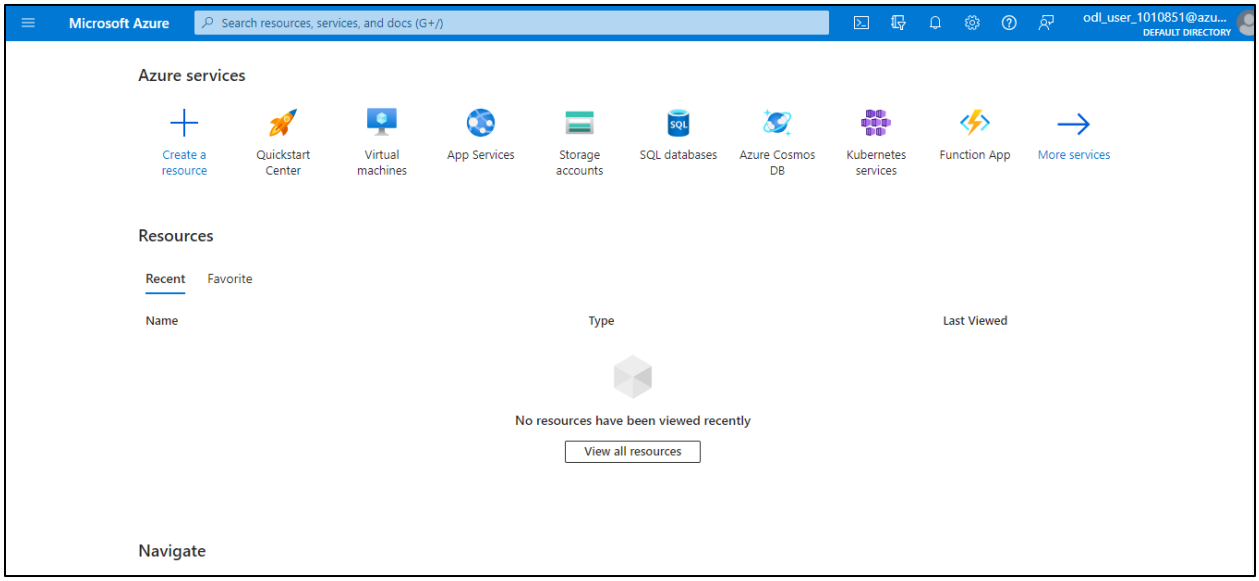
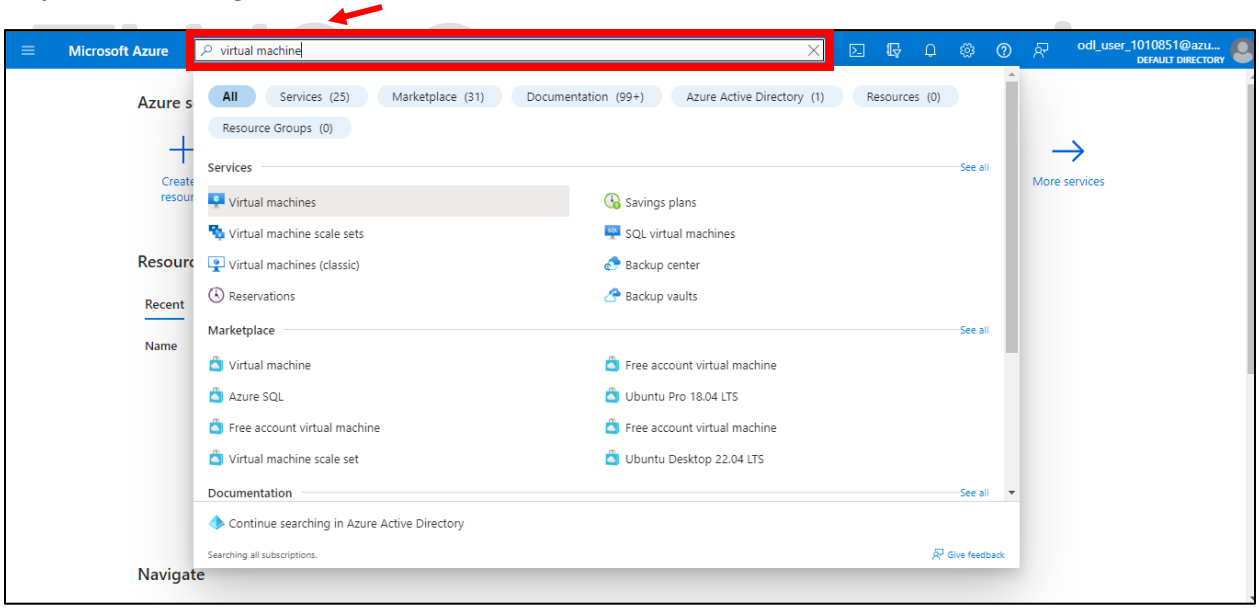
Create Virtual Machine (VM) in Azure

To create **Virtual Machine (VM)** in Azure, please follow below steps.

Step 1: Login to your Azure account.

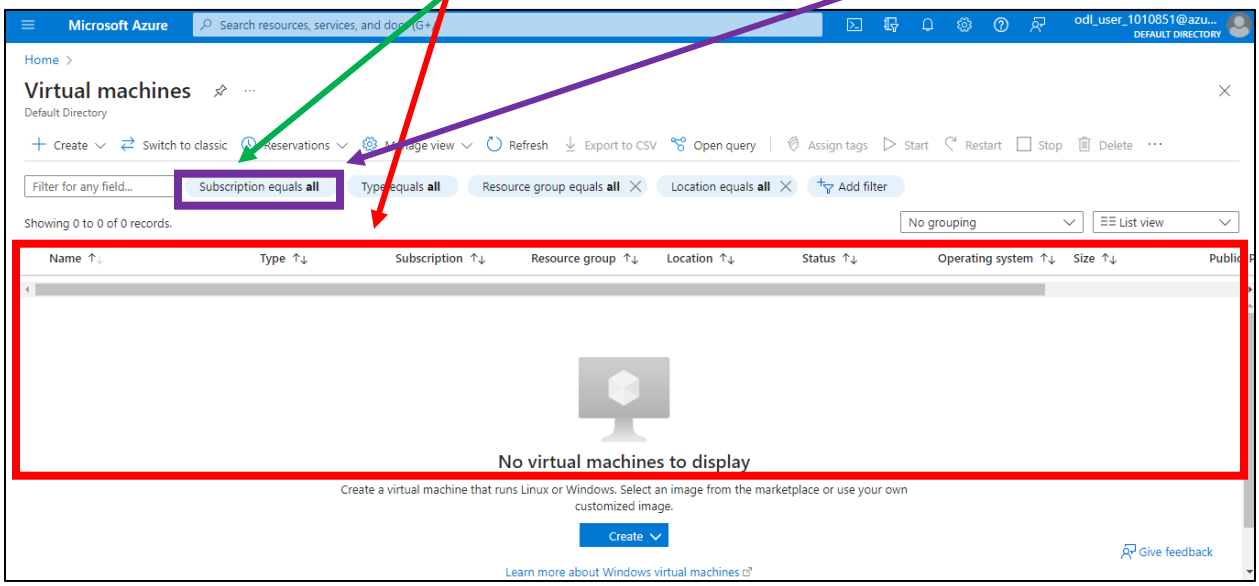


Step 2: Search and goto **Virtual Machine** service.



Create Virtual Machine (VM) in Azure

Step 3: Here you will see all the **virtual machines** present in your subscriptions and which of them are **running** and other info. And look for the **subscription** which is selected, you can change the subscription in subscription filter if your VM is present in other subscription or you can select **ALL** value in Subscription filter.



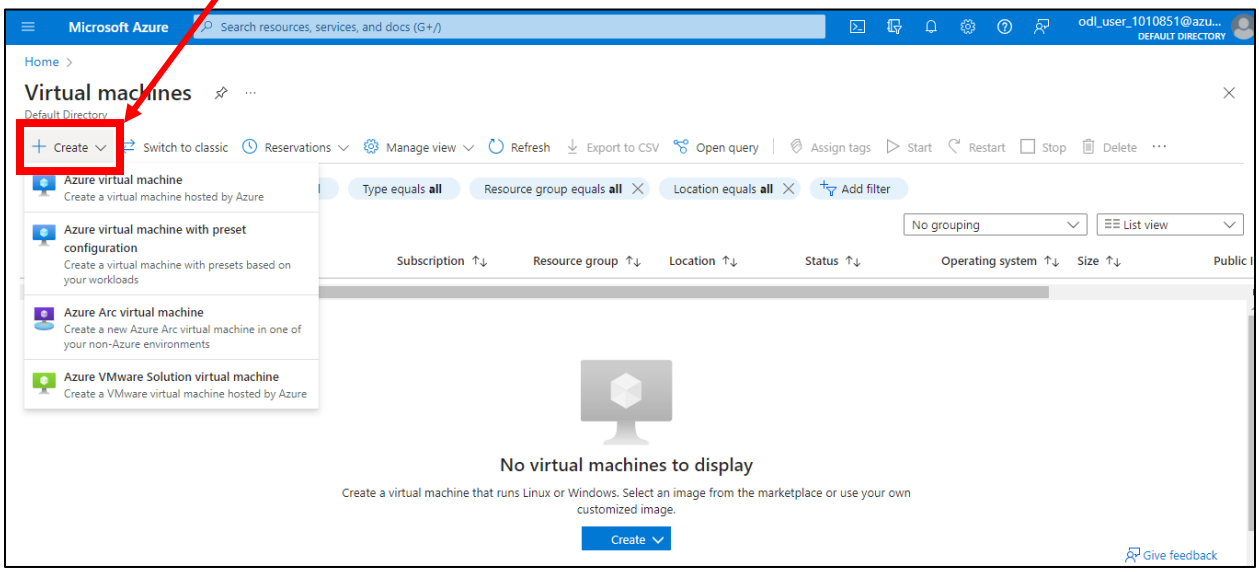
And as of now, we don't have any virtual machines present in our subscription.

So now, we'll create a Virtual Machine (VM) and then will connect to it.

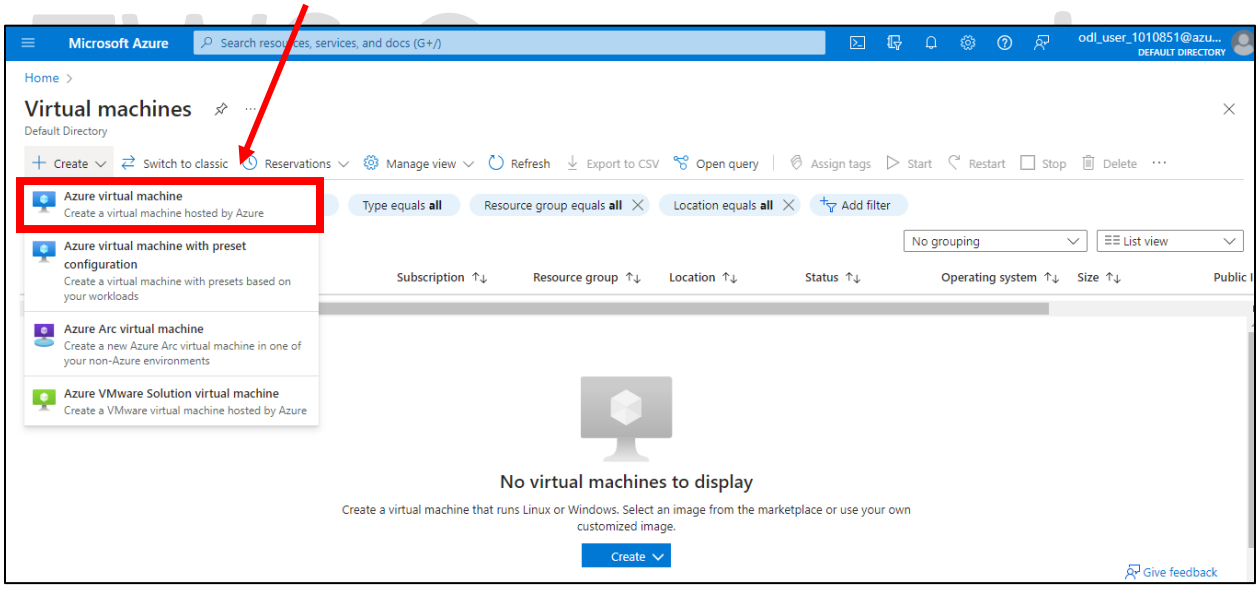
Create Virtual Machine (VM) in Azure

Create Virtual Machine in Azure -

Step 1: Click on **Create** button.

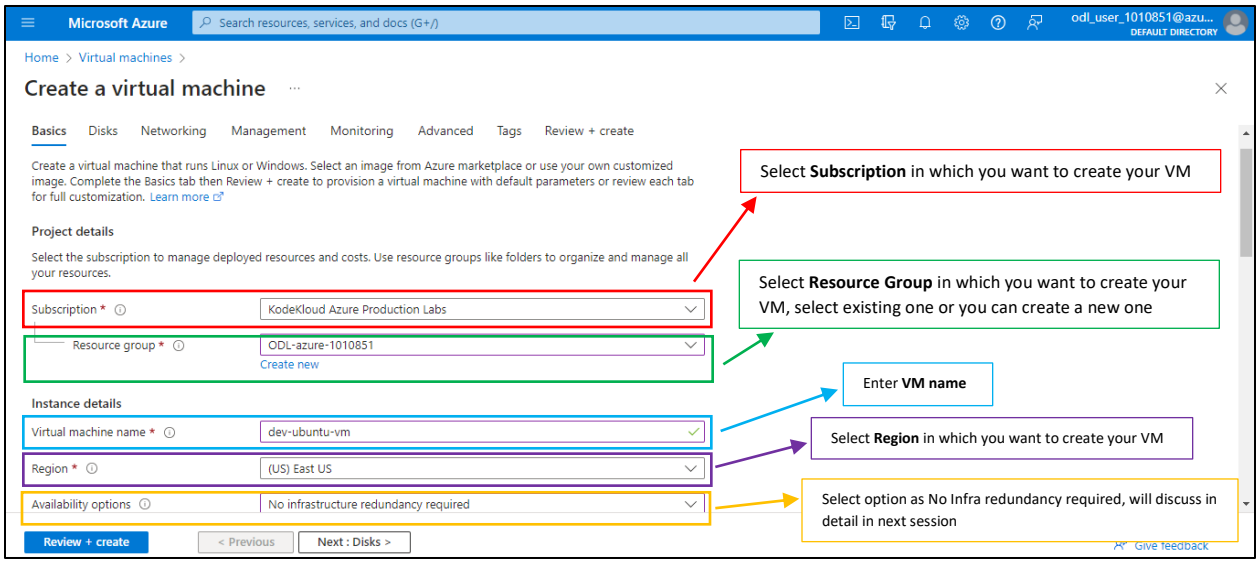


Step 2: Now click on **Azure Virtual Machine**.

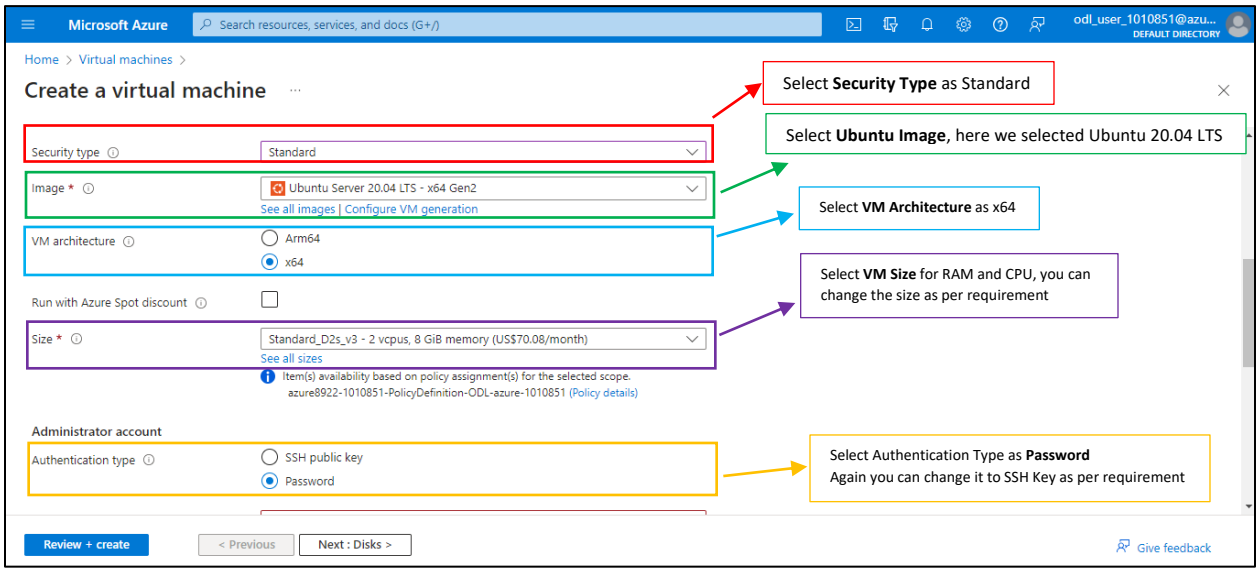


Create Virtual Machine (VM) in Azure

Step 3: Select and enter all required details a shown below,

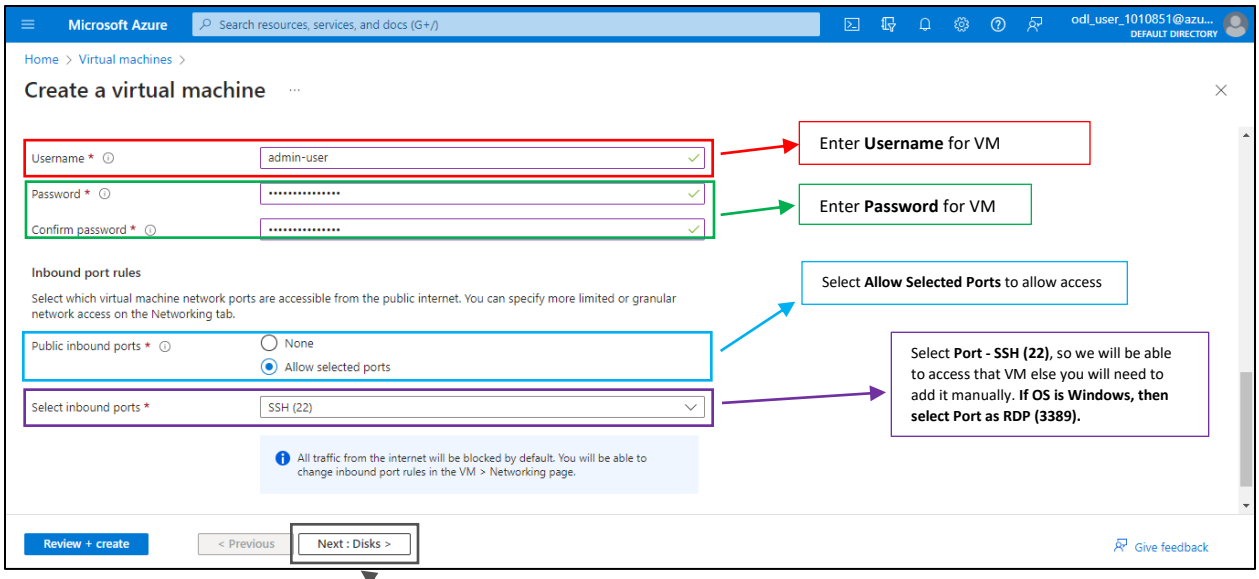


Scroll down a bit and select option as shown below,



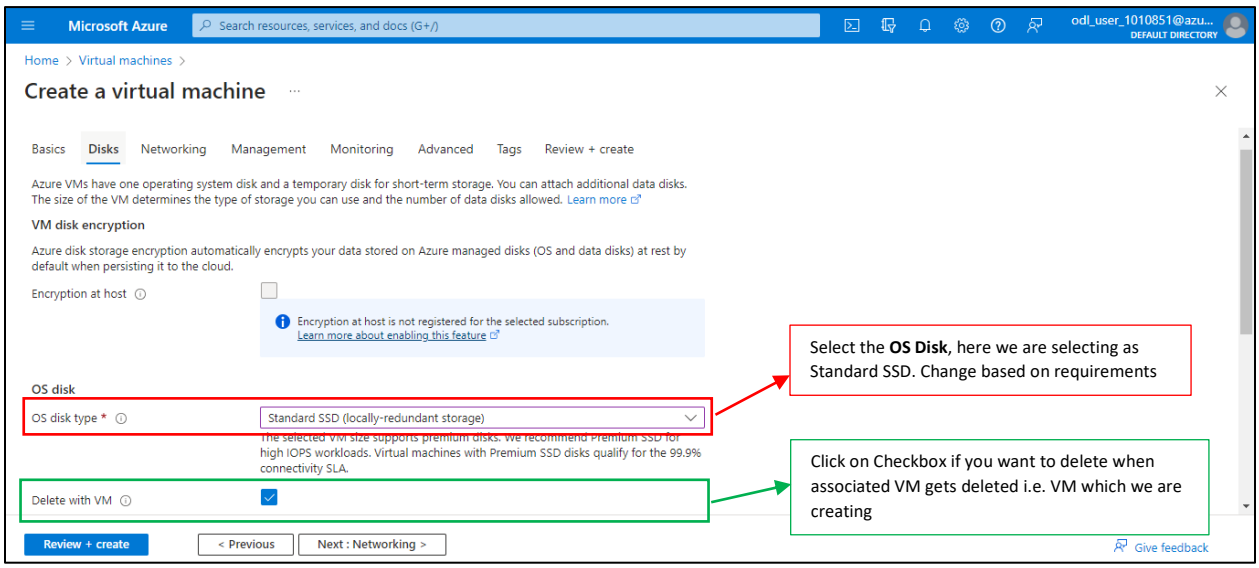
Create Virtual Machine (VM) in Azure

Scroll down a bit and select options as shown below,



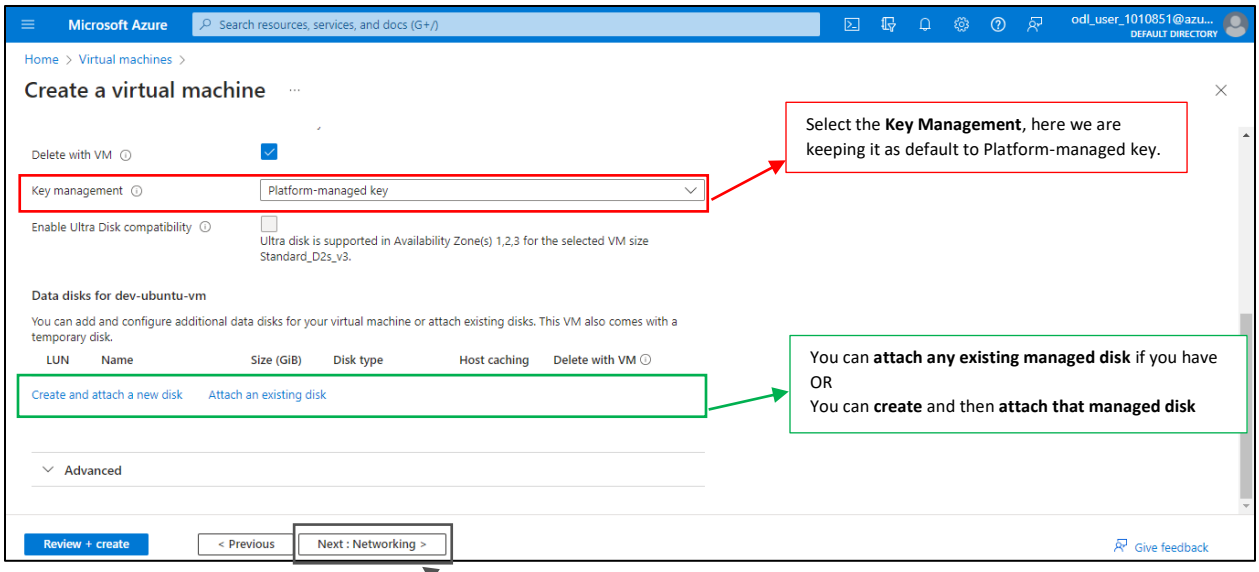
Step 4: Click on button - **Next: Disks >**

Step 5: Select and enter info as shown below.

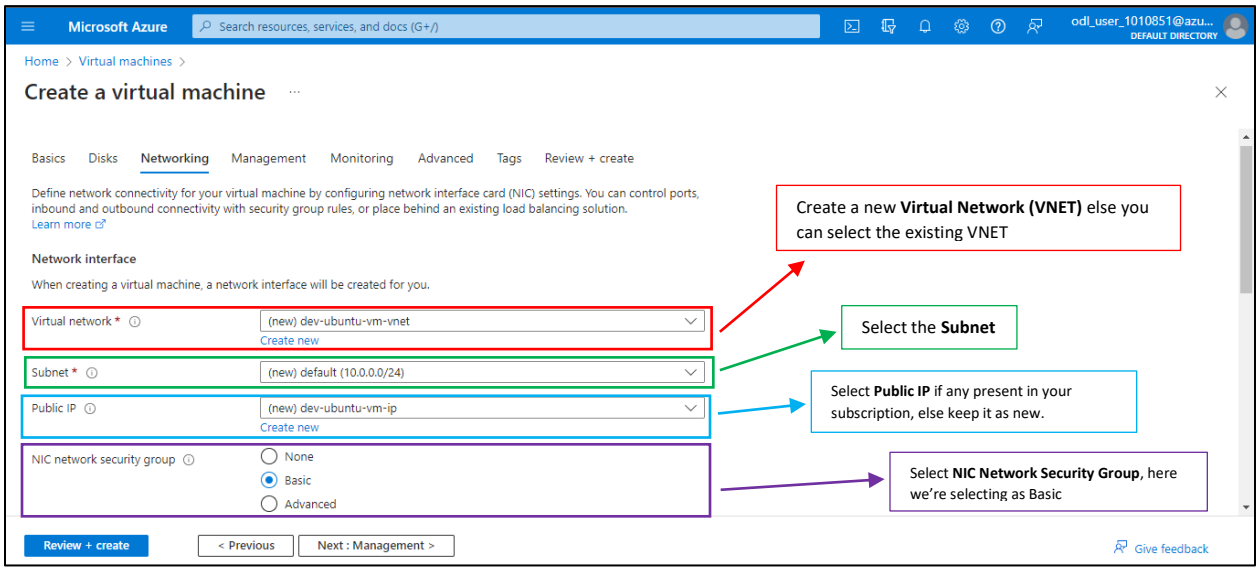


Create Virtual Machine (VM) in Azure

Scroll down a bit, then select and enter info as shown below,

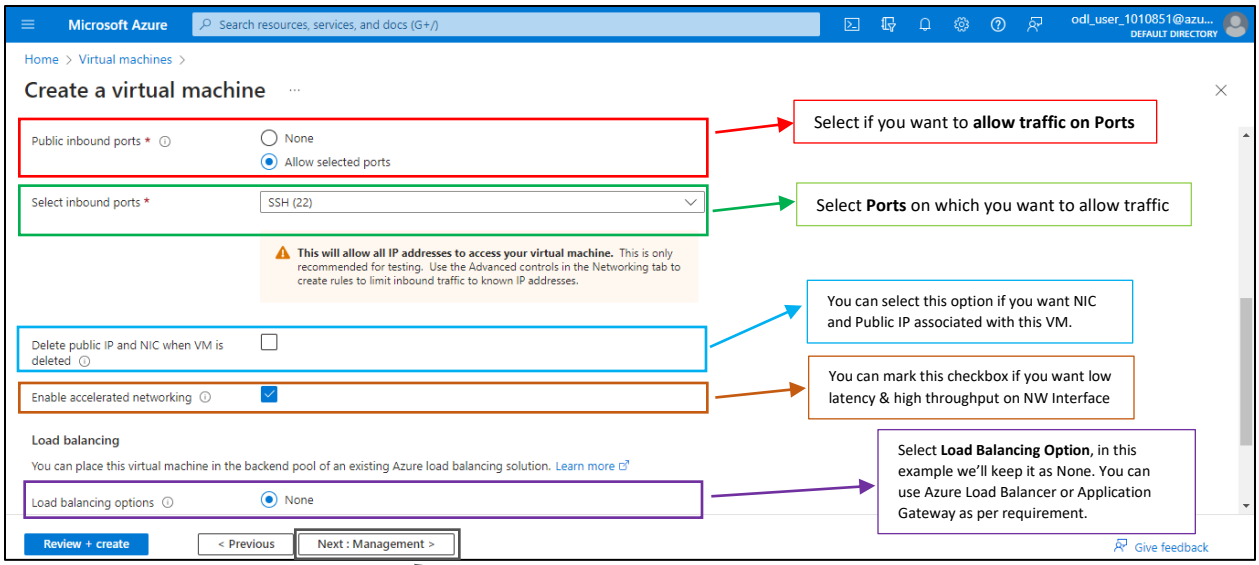


Step 6: Now click on button – **Next : Networking >**



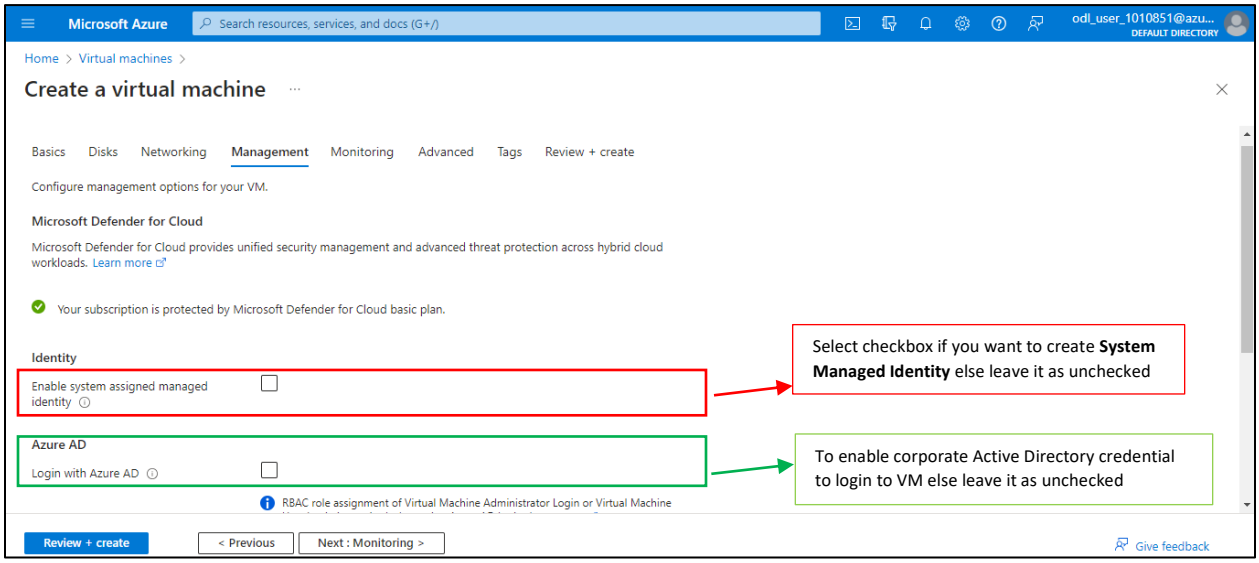
Create Virtual Machine (VM) in Azure

Scroll down a bit, then select and enter info as shown below.



Step 7: Now click on button – **Next : Management >**

Step 8: Select and enter the info as shown below,

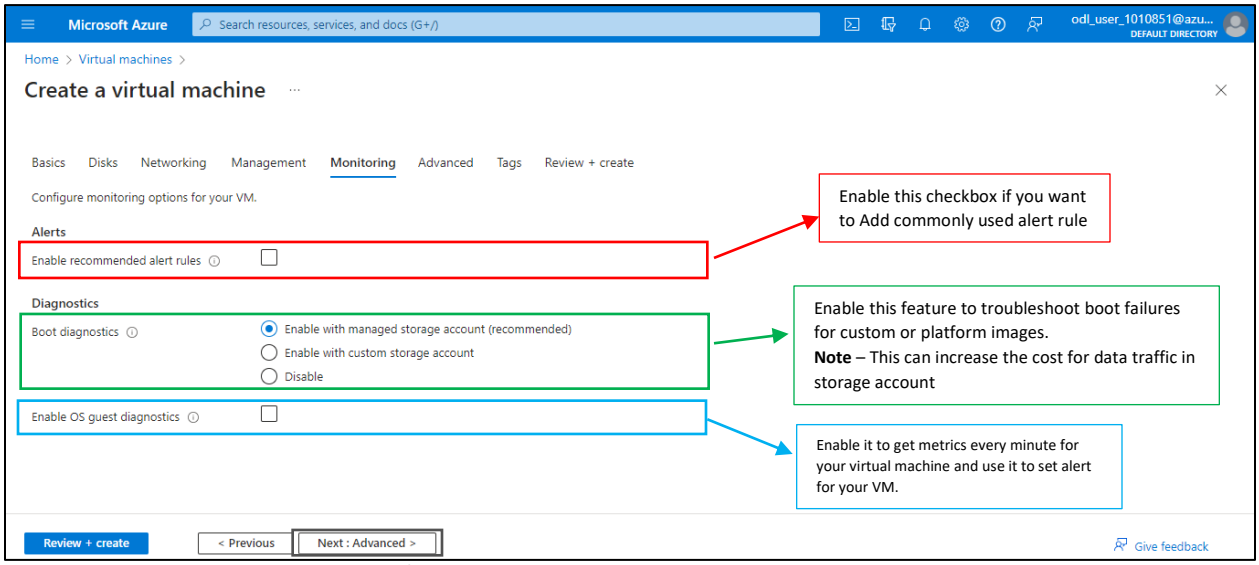


Create Virtual Machine (VM) in Azure

Scroll down a bit, then select or enter info as shown below.

Step 9: Now click on button – **Next : Monitoring >**

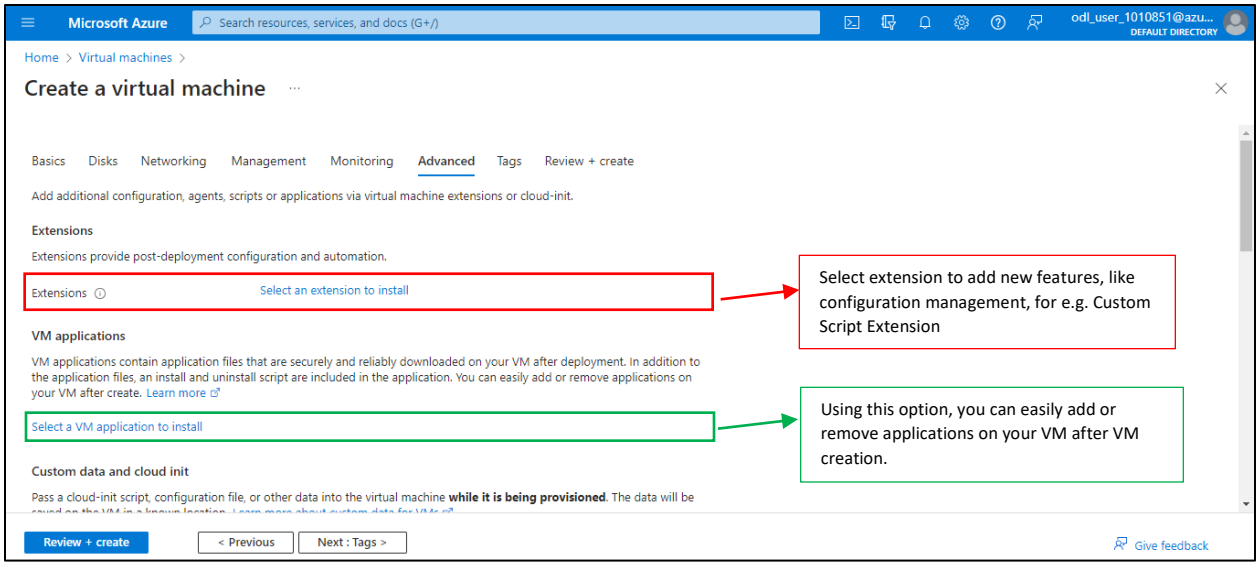
Step 10: Select and enter the required info as shown below,



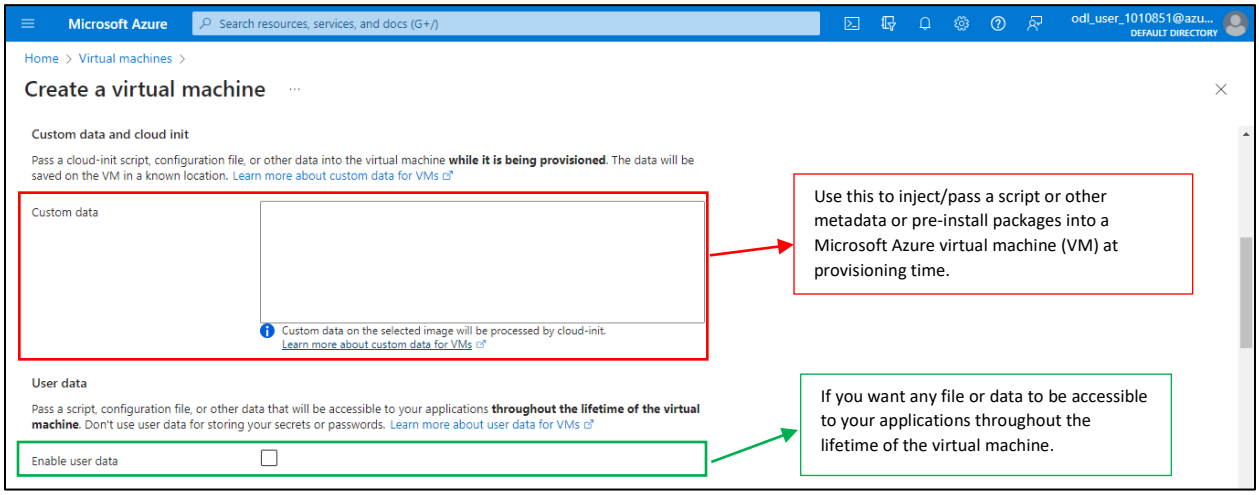
Step 11: Now click on button – **Next : Advanced >**

Step 12: Select and enter the required info as shown below,

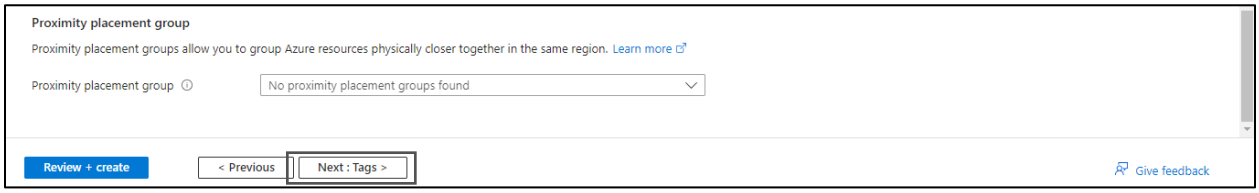
Create Virtual Machine (VM) in Azure



Scroll down a bit, then select and enter info as shown below,



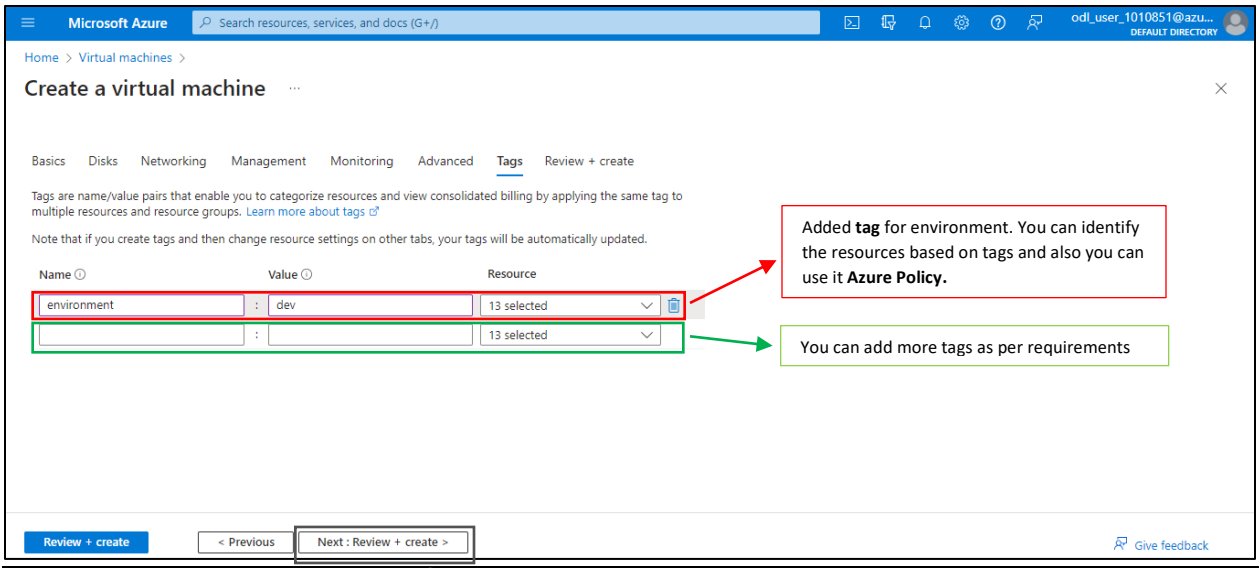
Scroll down till the end if the page, as **<u>we will keep those option as default for this example</u>**.



Step 13: Now click on button – **<u>Next : Tags ></u>**

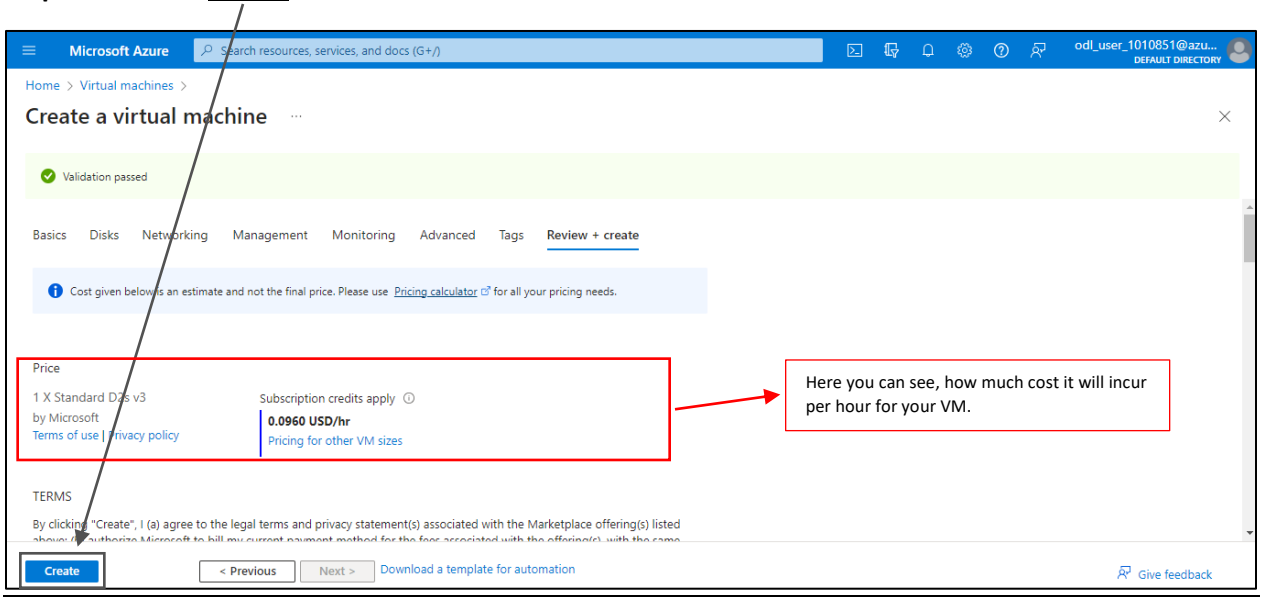
Create Virtual Machine (VM) in Azure

Step 14: Select and enter the required info as shown below,



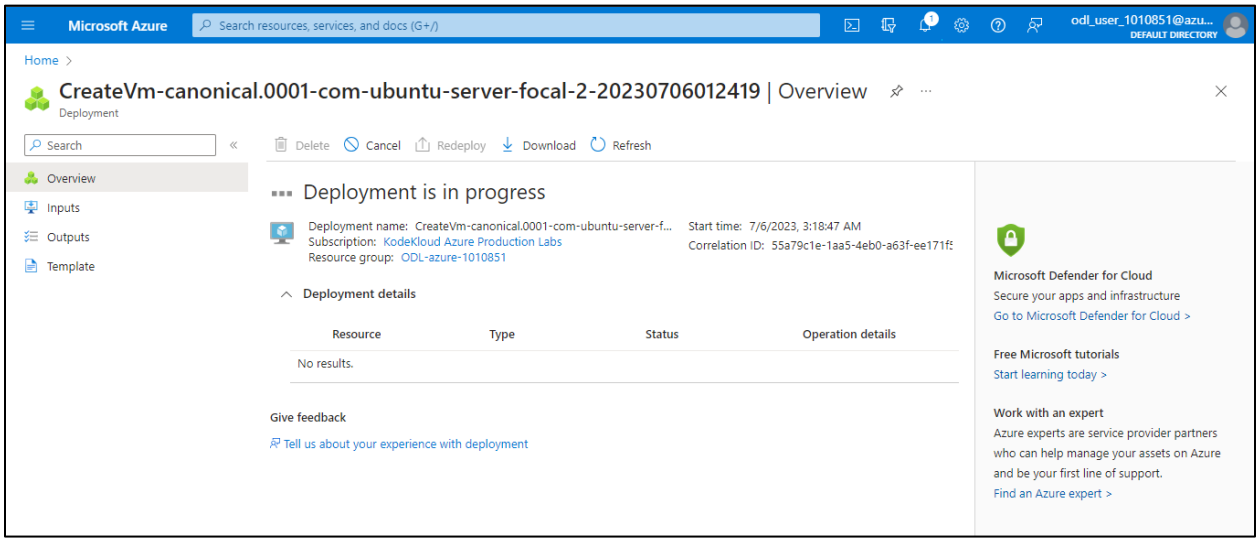
Step 15: Now click on button – **Next : Review + create >**

Step 16: Click on **Create** button.

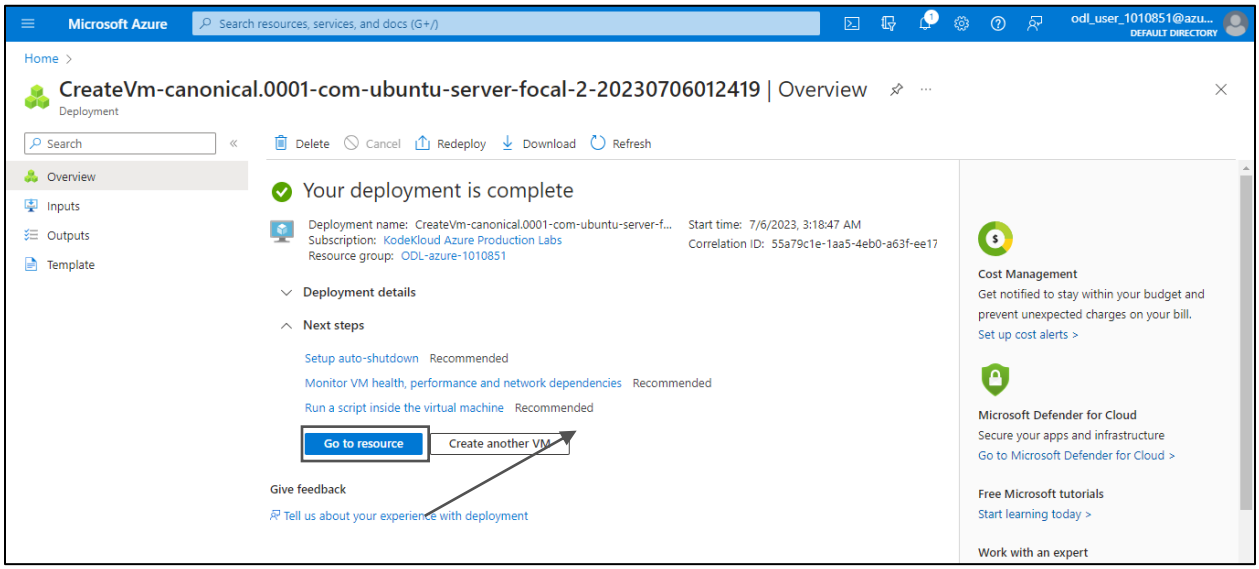


Create Virtual Machine (VM) in Azure

Now you will this message, as **Deployment is in progress** as it is deploying our VM and its associated resources

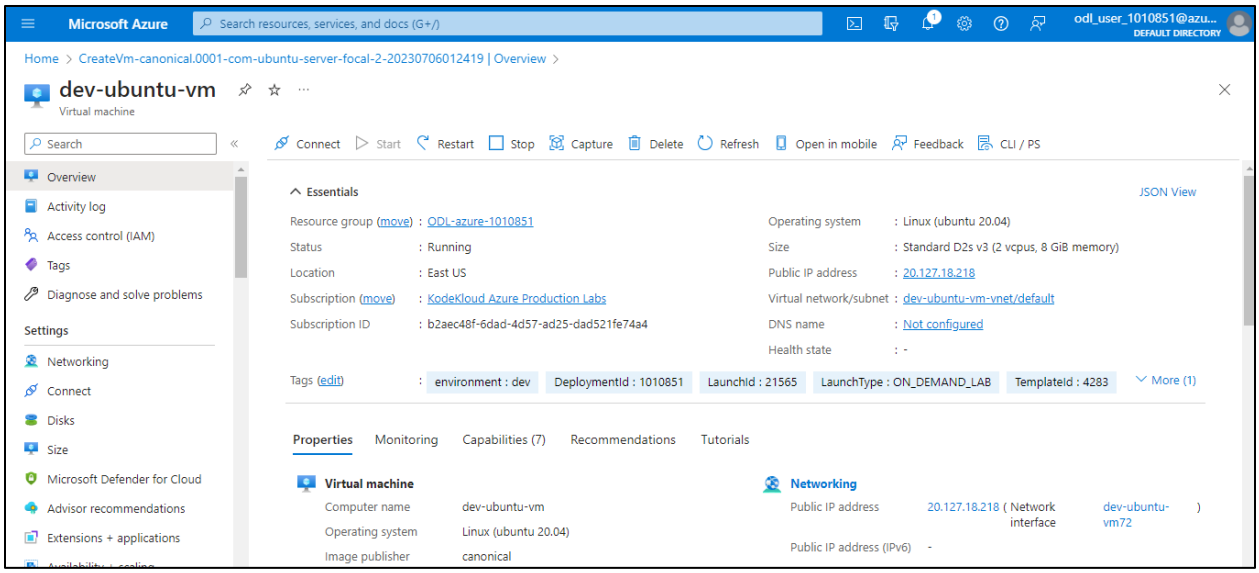


Wait for few minutes, then you will see below message that **your deployment is complete**

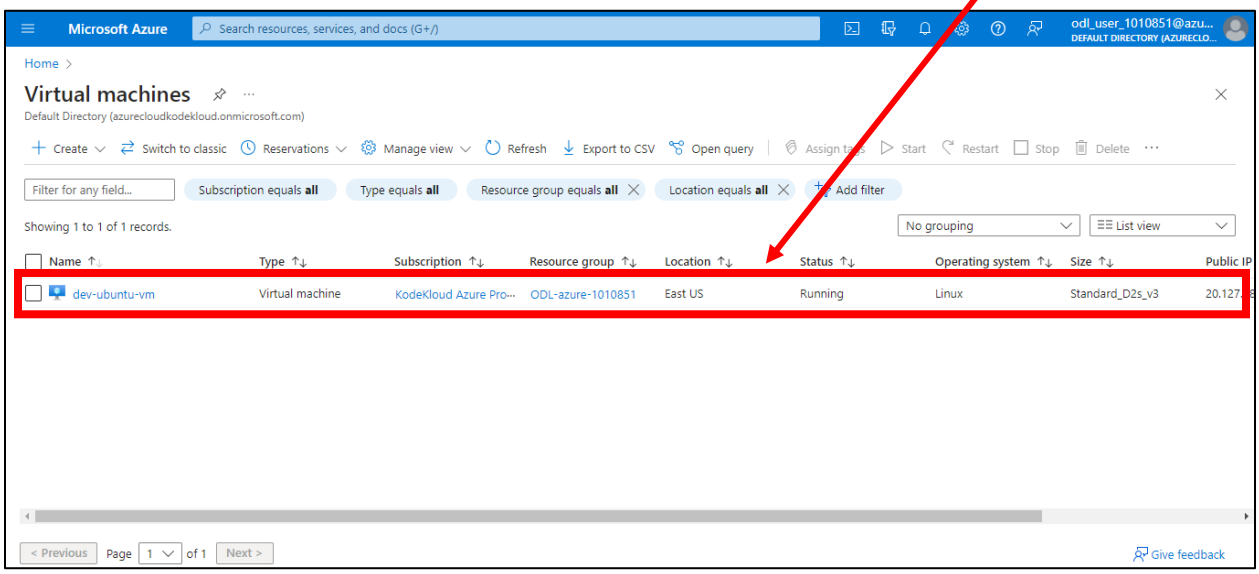


Create Virtual Machine (VM) in Azure

Step 16: Click on **Go to resource** button to goto your newly created VM. And now you can see your VM.



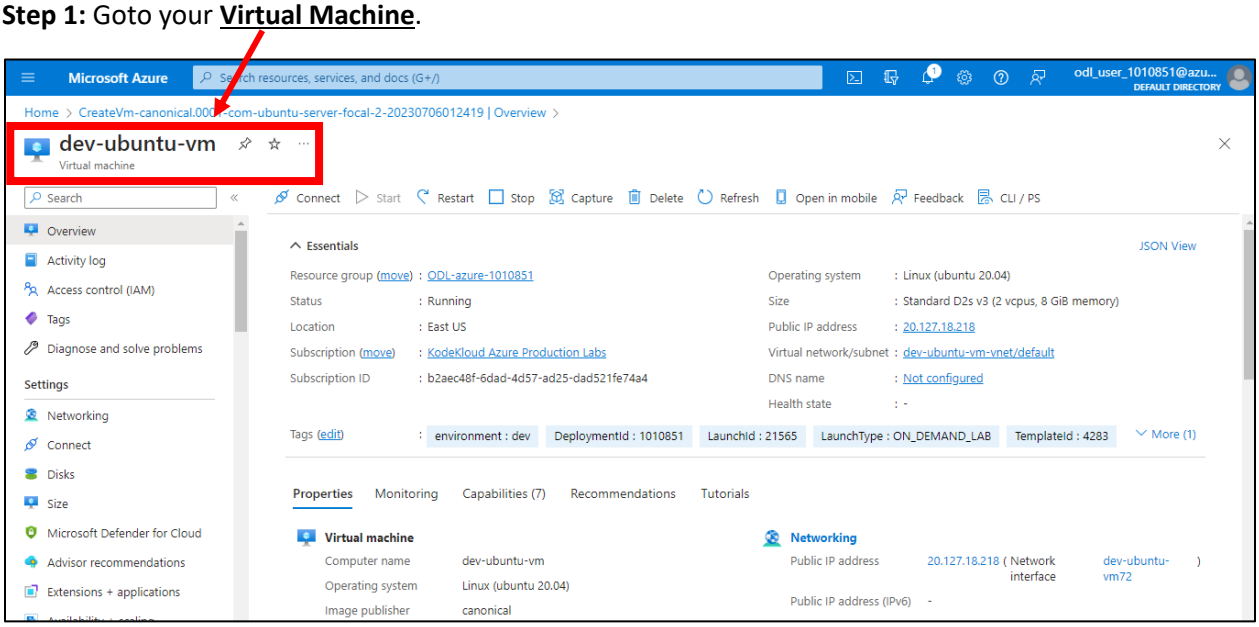
Now you can also goto Virtual Machine Service to see what virtual machines are present now. Check the steps given at start of this document. And then you will see all the **VMs present in your subscription**.



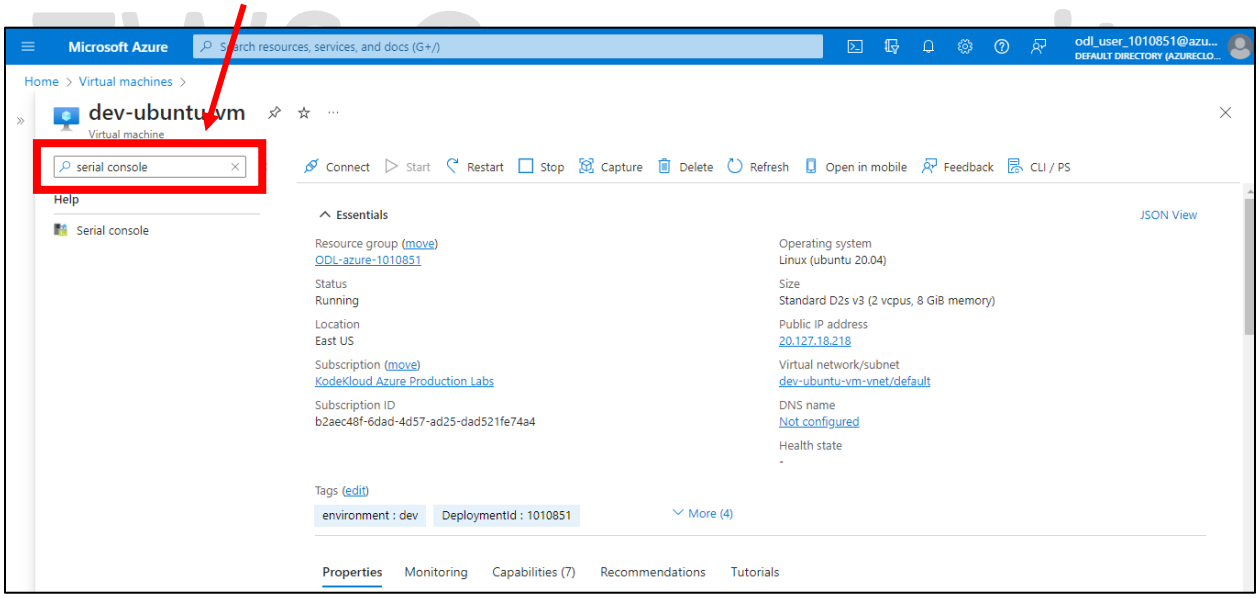
Create Virtual Machine (VM) in Azure

Connecting to Virtual Machine using Serial Console -

Step 1: Goto your **Virtual Machine**.

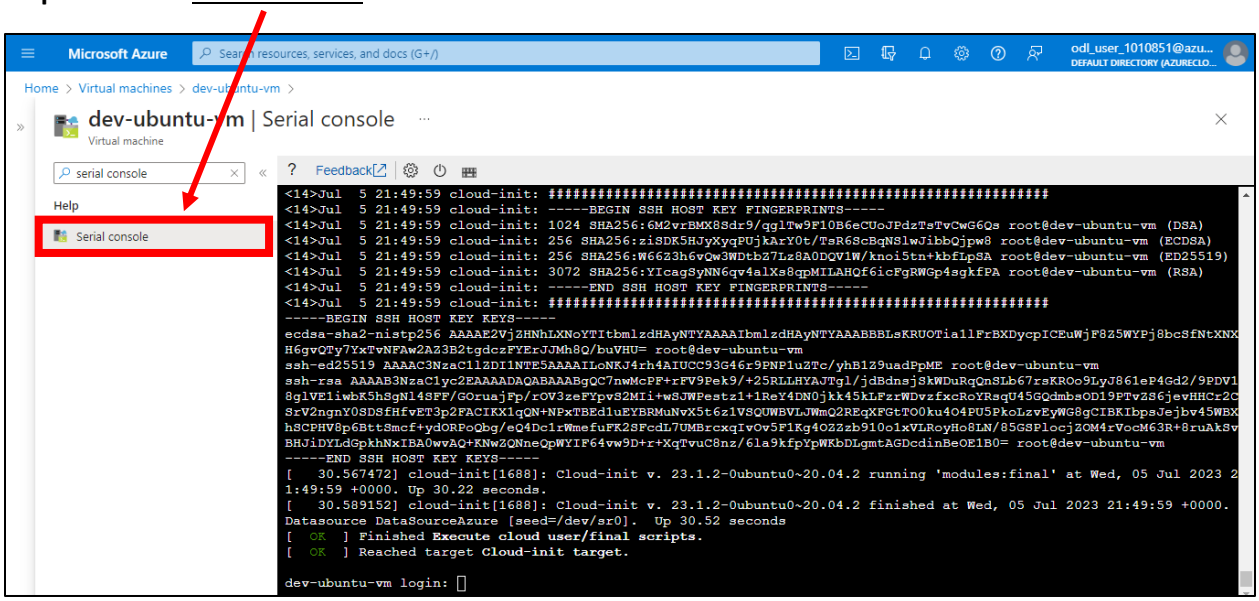


Step 2: Search **Serial Console** in search bar.

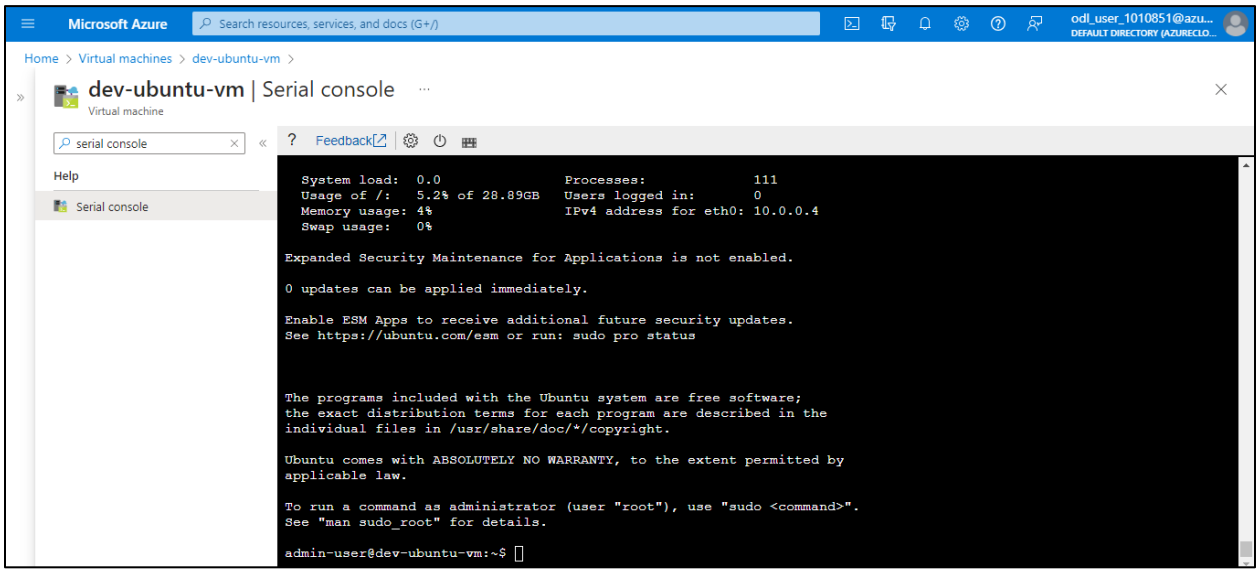


Create Virtual Machine (VM) in Azure

Step 3: Click on **Serial Console** button.



Step 4: Enter **Username** and **Password** to login to VM.



If the user credentials are correct then you will be able to **access the VM using Serial Console**.

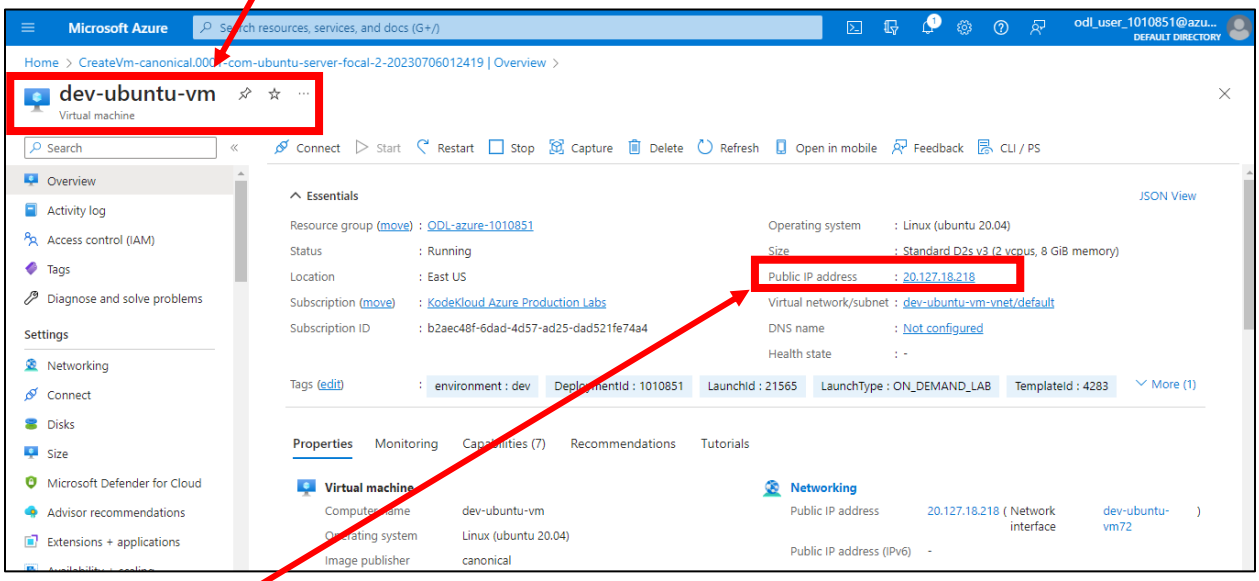
Step 5: To disconnect serial console session / Logout just execute below command,

exit

Create Virtual Machine (VM) in Azure

Connecting to Virtual Machine using SSH Client -

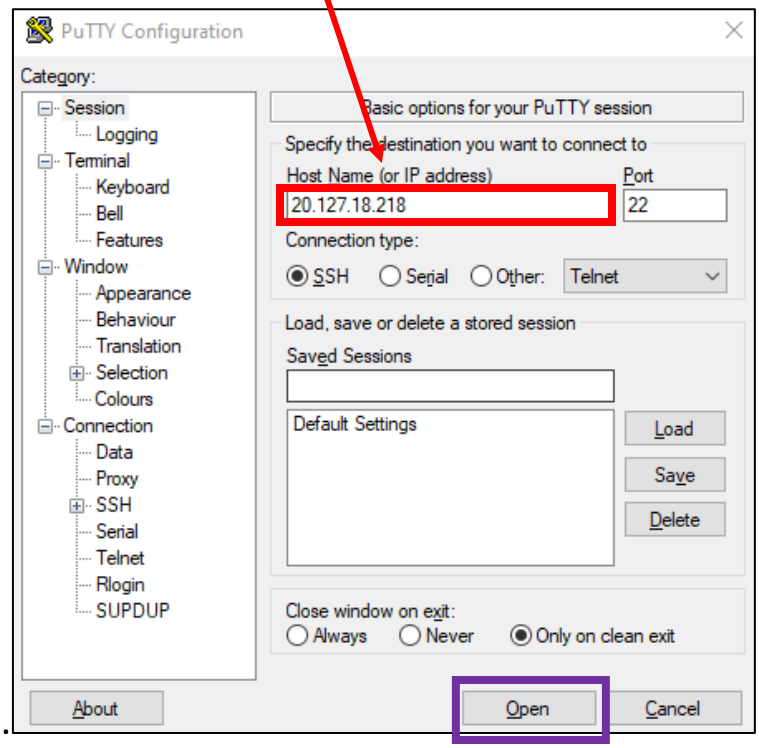
Step 1: Goto your **Virtual Machine**.



Step 2: Copy **Public IP** of your VM.

Note – Port 22 inbound is already added when we created the VM

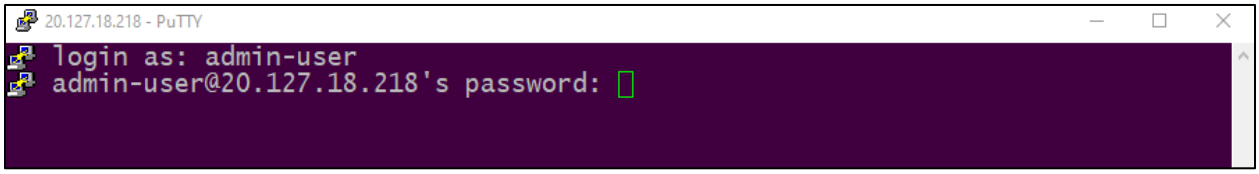
Step 3: Open Putty application and enter **Public IP** copied from Step 2 in host field and **port** should be **22**.



Create Virtual Machine (VM) in Azure

Step 6: Click on **Open** button.

Step 7: Enter the **user name** and **password** to login to VM. Hit Enter button.



And that's it, finally you are able to connect to your Azure Virtual Machine using SSH Client i.e. Putty