# CSA1518-CLOUD COMPUTING AND BIG DATA ANALYTICS

Harini.A

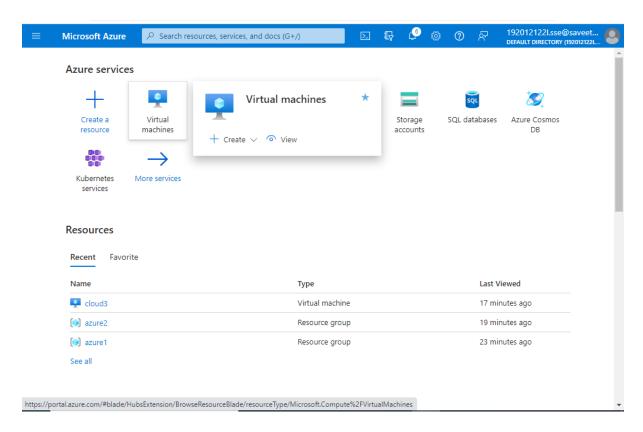
192011344

#### **EXPERIMENT 13:**

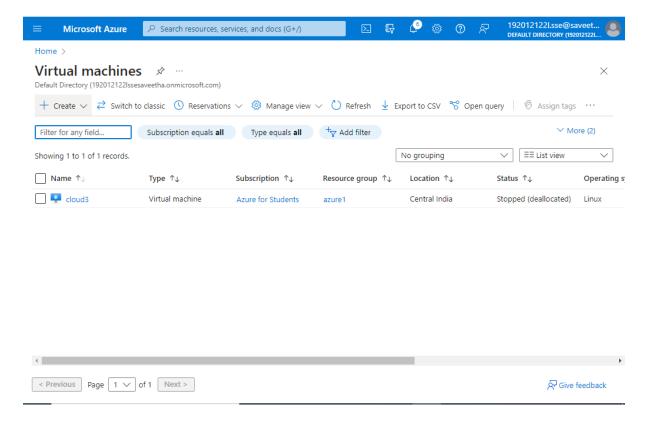
Demonstrate Infrastructure as a Service (IaaS) by creating a Virtual Machine using a Public Cloud Service Provider (Azure), configure with required memory and CPU.

#### IMPLEMENTATION:

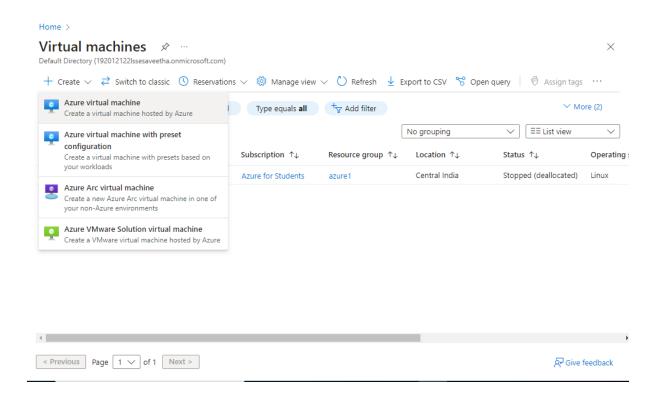
#### STEP 1:SELECT VIRTUAL MACHINE



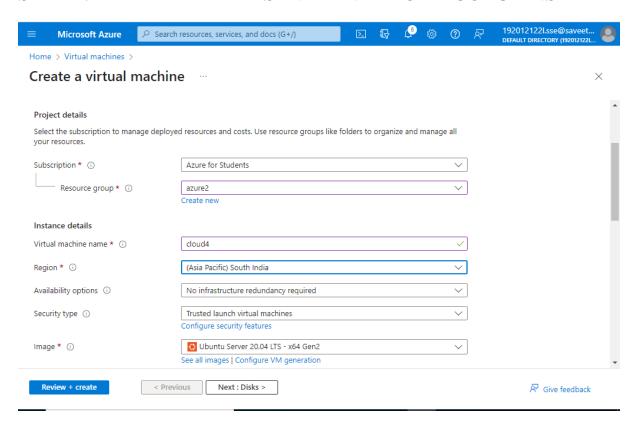
## STEP 2:CLICK ON CREATE

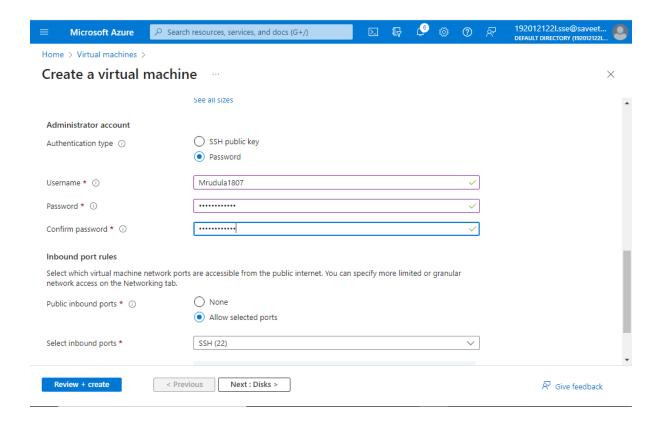


STEP 3:SELECT AZURE VIRTUAL MACHINE

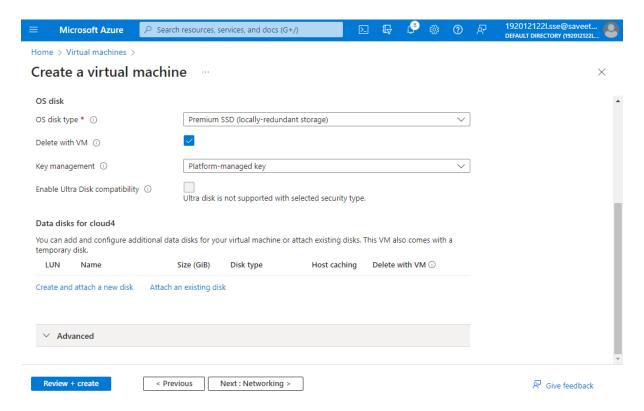


#### STEP 4:FILL THE DETAILS IN MANDATORY COLUMNS





#### STEP 5:CLICK ON NETWORKING



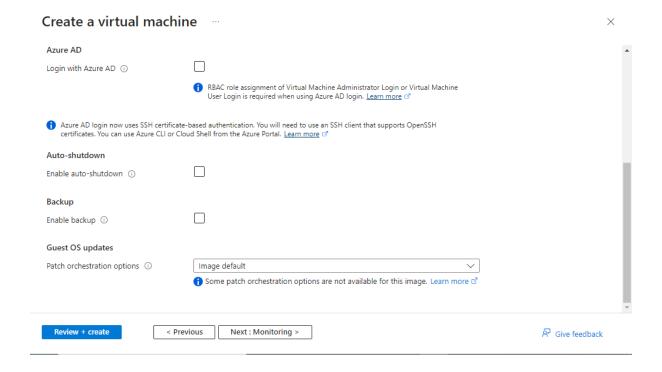
#### **CREATE DISK**

Home > Virtual machines > Create a virtual machine > Create a new disk Create a new disk to store applications and data on your VM. Disk pricing varies based on factors including disk size, storage type, and number of transactions. Learn more 🗗 cloud4\_DataDisk\_0 Name \* Source type \* ① None (empty disk) 64 GiB Size \* ① Premium SSD LRS Change size Platform-managed key Key management 🕦 Yes 
No Enable shared disk Delete disk with VM

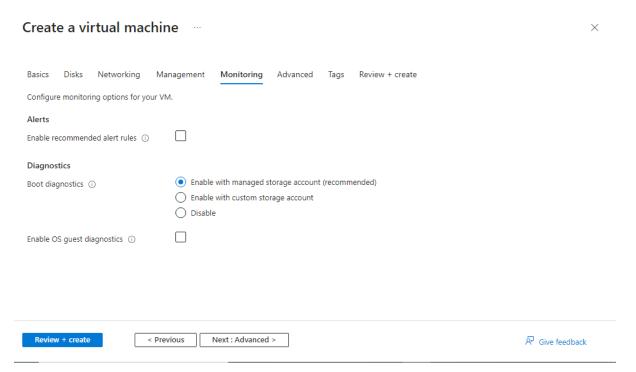
# STEP 6:CLICK NEXT: MANAGEMENT

Home > Virtual machines > Create a virtual machine Allow selected ports SSH (22) Select inbound ports \* ↑ This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses. Delete public IP and NIC when VM is Enable accelerated networking ① Load balancing You can place this virtual machine in the backend pool of an existing Azure load balancing solution. Learn more 🗹 Place this virtual machine behind an existing load balancing solution? Review + create < Previous Next : Management >  $\, \mathcal{R}
 \,$  Give feedback

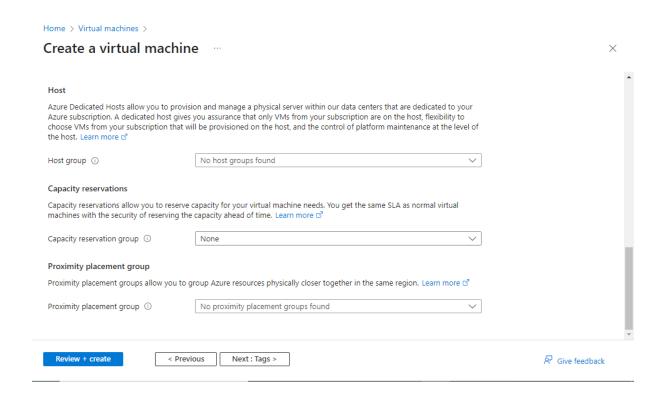
#### STEP 7:CLICK NEXT:MONITORING



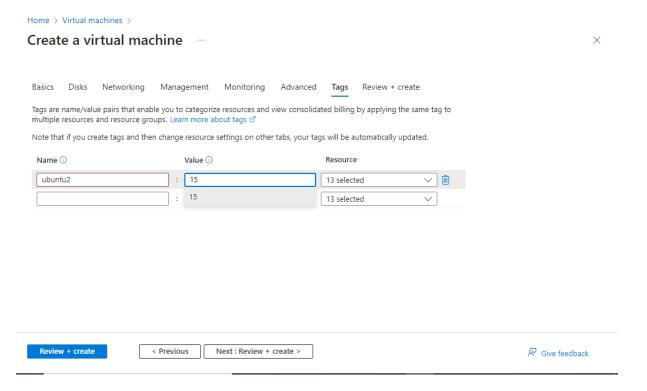
#### **CLICK ON ADVANCED**



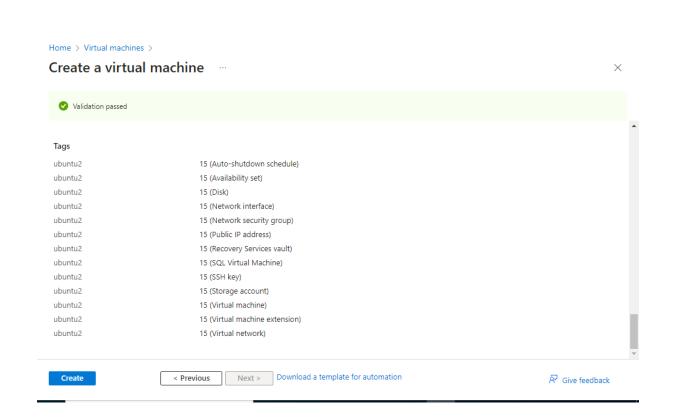
# **CLICK ON TAGS**



## STEP 8: ASSIGN NAME AND VALUE



STEP 9: VALIDATION IS PASSED.CLICK ON CREATE



# STEP 10:DEPLOYMENT IS COMPLETED OUTPUT

