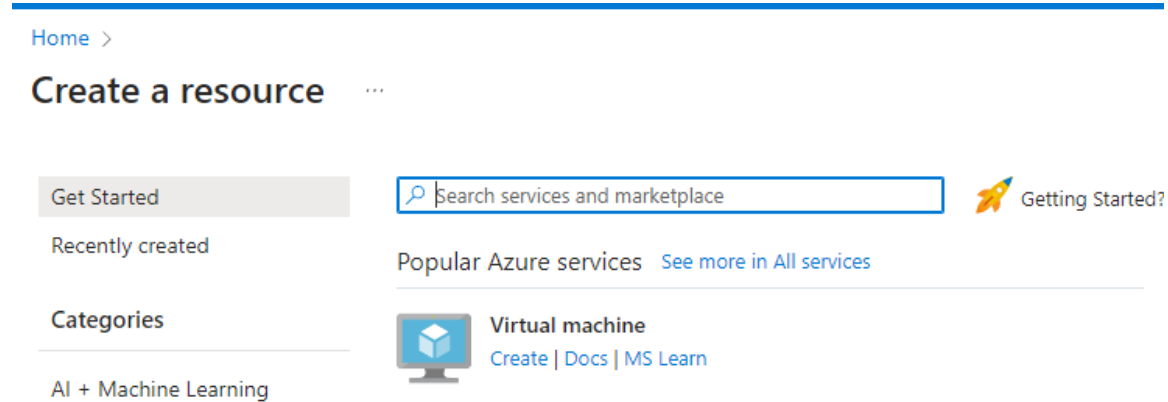
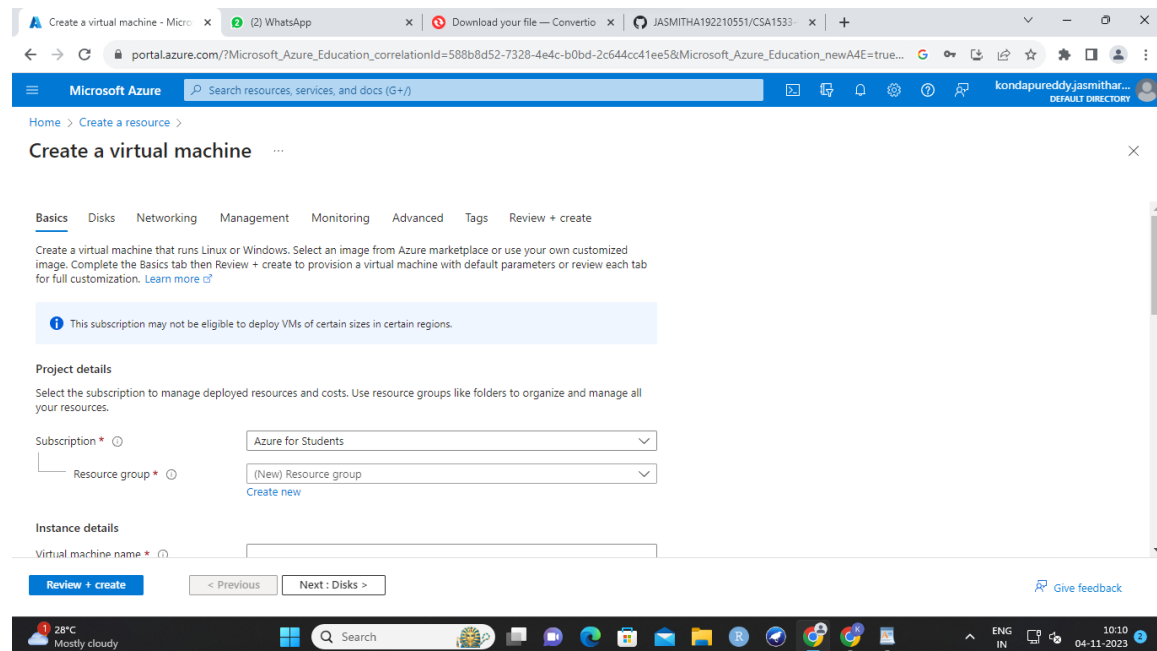


Demonstrate Infrastructure as a Service (IaaS) by creating a Virtual Machine using a Public Cloud Service Provider (Azure), configure with required memory and CPU.

STEP 1 :click on create resource and type for vm



step 2 : able to see all 8 tabs available in virtual machine



step 3 :

enter any name and write azure name

Create a virtual machine - /l x (2) WhatsApp x Download your file — Conv x experiment-11-azure-resou x JASMITHA192210551/CSA1 x + -

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=588b8d52-7328-4e4c-b0bd-2c644cc41ee5&Microsoft\_Azure\_Education\_newA4E...

Microsoft Azure Search resources, services, and docs (5/11)

Home > Create a resource >

### Create a virtual machine

Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.

**Project details**  
Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* Azure for Students  
Resource group \* j88  
[Create new](#)

**Instance details**

Virtual machine name \* reddy  
Region \* Asia Pacific South India  
Availability options \* No infrastructure redundancy required  
Security type \* Trusted launch virtual machines  
[Configure security features](#)

Image \* Ubuntu Server 20.04 LTS - x64 Gen2  
[See all images](#) [Configure VM generation](#)

VM architecture \* ☒ x64 ☐ ARM64

Run with Azure Spot discount ☐

Size \* Standard\_D2s\_v3 - 2 vcpus, 8 GiB memory (R7.739.57/month)  
[See all sizes](#)

Administrator account

[Review & create](#) < Previous Next: Disks > [Give feedback](#)

ENG - AUS In 4 hours

Create a virtual machine - /l x (2) WhatsApp x Download your file — Conv x experiment-11-azure-resou x JASMITHA192210551/CSA1 x + -

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=588b8d52-7328-4e4c-b0bd-2c644cc41ee5&Microsoft\_Azure\_Education\_newA4E...

Microsoft Azure Search resources, services, and docs (5/11)

Home > Create a resource >

### Create a virtual machine

Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.

Run with Azure Spot discount ☐

Size \* Standard\_D2s\_v3 - 2 vcpus, 8 GiB memory (R7.739.57/month)  
[See all sizes](#)

Administrator account

Authentication type \* ☒ SSH public key ☐ Password

Azure now automatically generates an SSH key pair for you and allows you to store it for future use. It is a fast, simple, and secure way to connect to your virtual machine.

Username \* azureuser  
SSH public key source \* Generate new key pair  
Key pair name \* reddy\_key

**Inbound port rules**  
Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

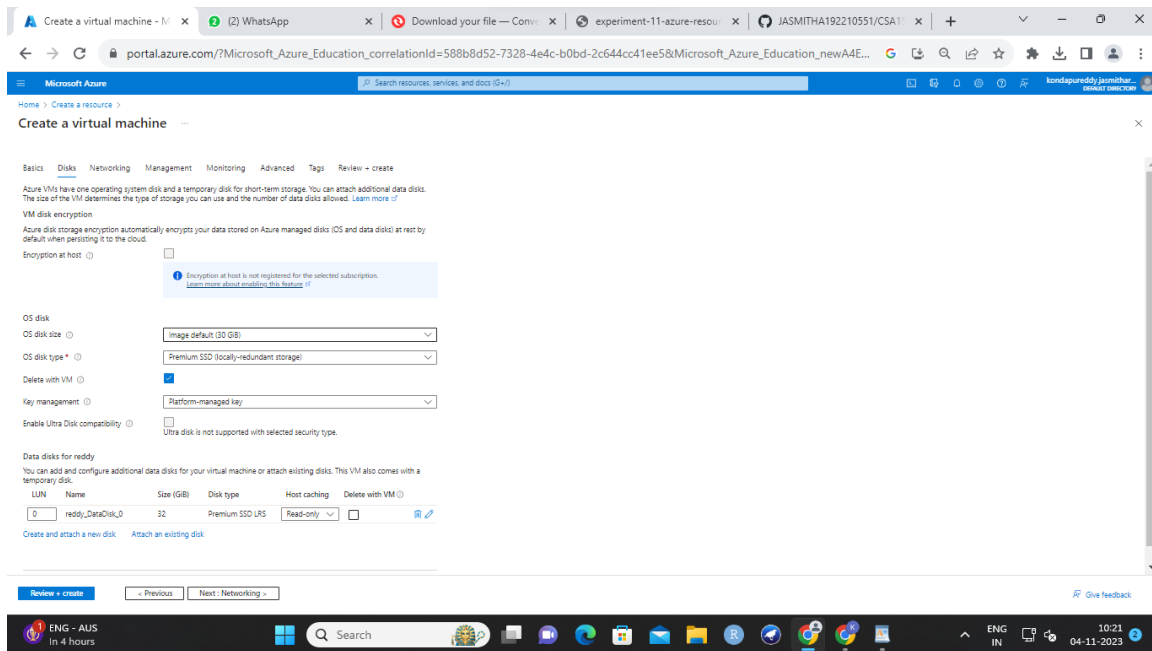
Public inbound ports \* ☐ None ☒ Allow selected ports

Select inbound ports \* SSH (22)  
All traffic from the Internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

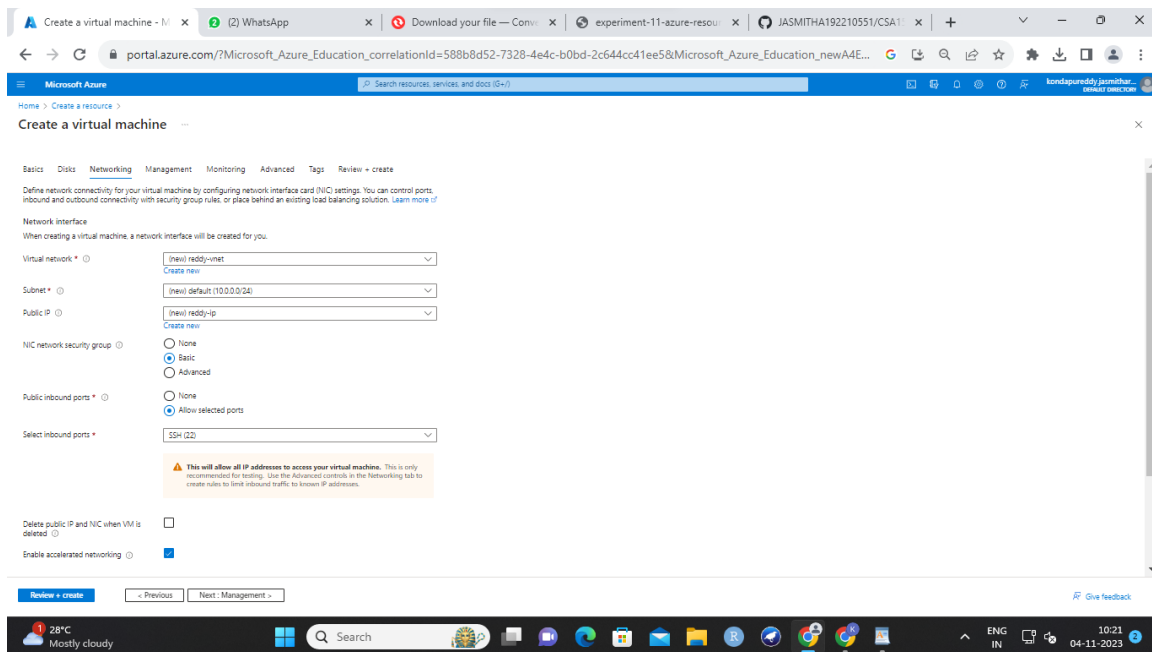
[Review & create](#) < Previous Next: Disks > [Give feedback](#)

ENG - AUS In 4 hours

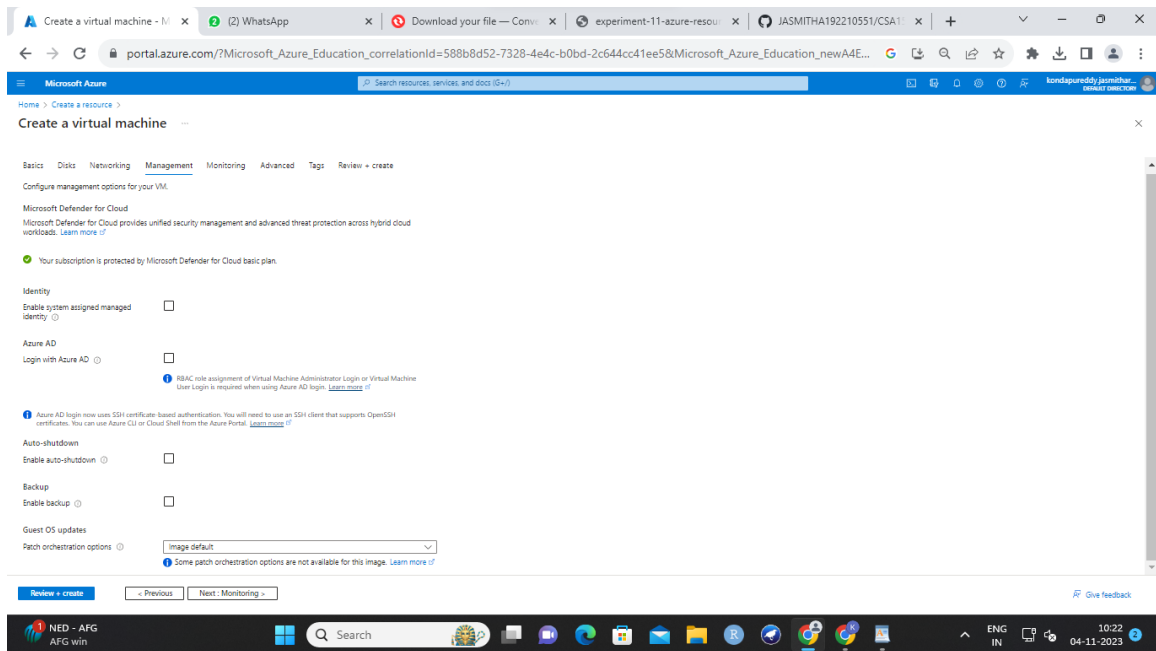
step 4 : enter data in disk



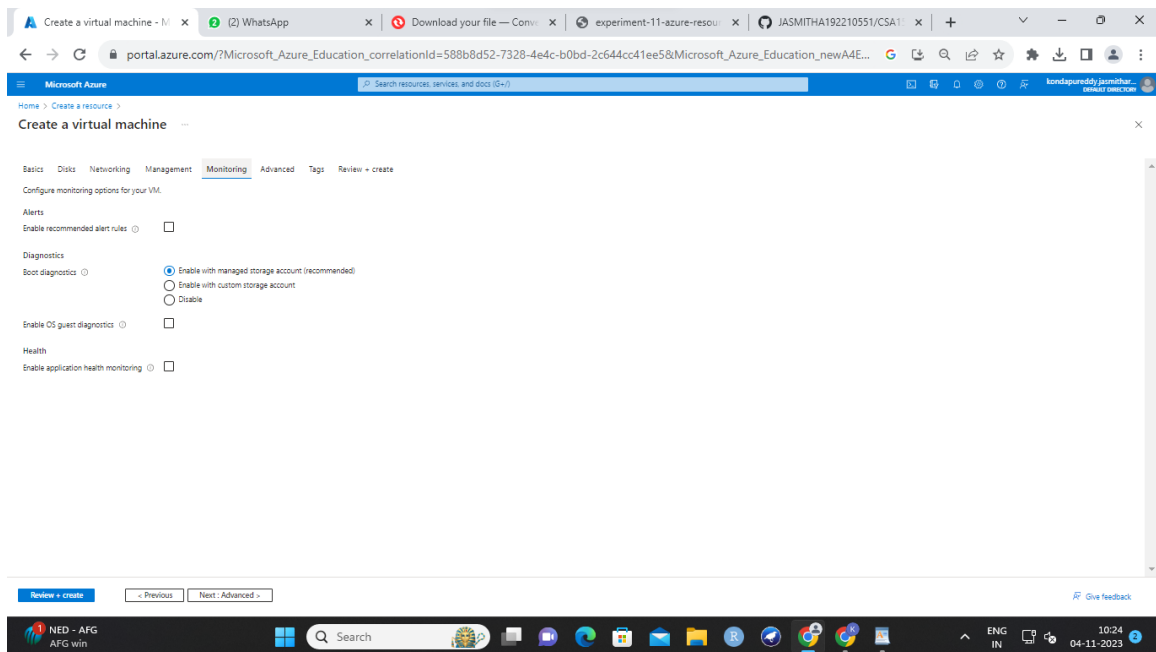
## step 5 : go for networking



## step 6 : then management and default



## step 7 : deaefault monitoring



## step 8 : default advanced

Microsoft Azure portal interface showing the "Create a virtual machine" wizard. The "Extensions" tab is selected, displaying options for adding extensions to the VM. The "Custom data and cloud-init" section is visible, showing a text area for entering custom data. The "User data" section is also visible, showing a text area for entering user data. The "Review + create" button is at the bottom.

## step 9 : enter data in tags

Microsoft Azure portal interface showing the "Create a virtual machine" wizard. The "Tags" tab is selected, displaying a table for adding tags to the VM. The table has columns for Name, Value, and Resource. The "gph" tag is being added with a value of "769".

Name	Value	Resource
abc	123	All resources
def	456	All resources
gph	769	13 selected
		13 selected

## step 10 : review

Create a virtual machine - / Microsoft Azure

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=588b8d52-7328-4e4c-b0bd-2c644cc41ee5&Microsoft\_Azure\_Education\_newA4E...

Microsoft Azure Search resources, services, and docs (G+)

Home > Create a resource >

Create a virtual machine

Validation passed

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Cost given below is an estimate and not the final price. Please use [pricing calculator](#) if for all your pricing needs.

Price

1 X Standard D2s v3 by Microsoft

Subscription credits apply

10,602 INR/yr

Terms of use | Privacy policy

TERMS

By clicking "Create" I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above. (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription, and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Name

jasmitha narendar

Preferred e-mail address

kondapureddy.jasmitha@rediffmail.com

Preferred phone number

You have set SSH port(s) open to the internet. This is only recommended for testing. If you want to change this setting, go back to Basics tab.

Basics

Create < Previous Next > Download a template for automation Give feedback

NZ - PAK Starting soon

Search

ENG IN 10:26 04-11-2023

## step 11 : result

reddy - Microsoft Azure

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Microsoft Azure Search resources, services, and docs (G+)

Home >

reddy Virtual machine

Search

Connect Start Restart Stop Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Networking

Connect

Disks

Size

Microsoft Defender for Cloud

Advisor recommendations

Extensions + applications

Availability + scaling

Essentials

Resource group (move) : jas

Status : Creating

Location : South India

Subscription (move) : Azure for Students

Subscription ID : 6603fa9c-2beb-432a-af66-92316e23428b

Tags (edit) : abc : 123 def : 456 ghi : 789

Operating system : Linux

Size : Standard D2s v3 (2 vcpus, 8 GiB memory)

Public IP address : 20.219.124.246

Virtual network/subnet : reddy-vnet/default

DNS name : Not configured

Health state : -

JSON View

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name : reddy

Operating system : Linux

Image publisher : canonical

Image offer : 0001-com-ubuntu-server-focal

Networking

Public IP address : 20.219.124.246 ( Network interface reddy894 )

Public IP address (IPv6) : -

Private IP address : 10.0.0.4

Private IP address (IPv6) : -

Top events Event brief

Search

ENG IN 10:29 04-11-2023

