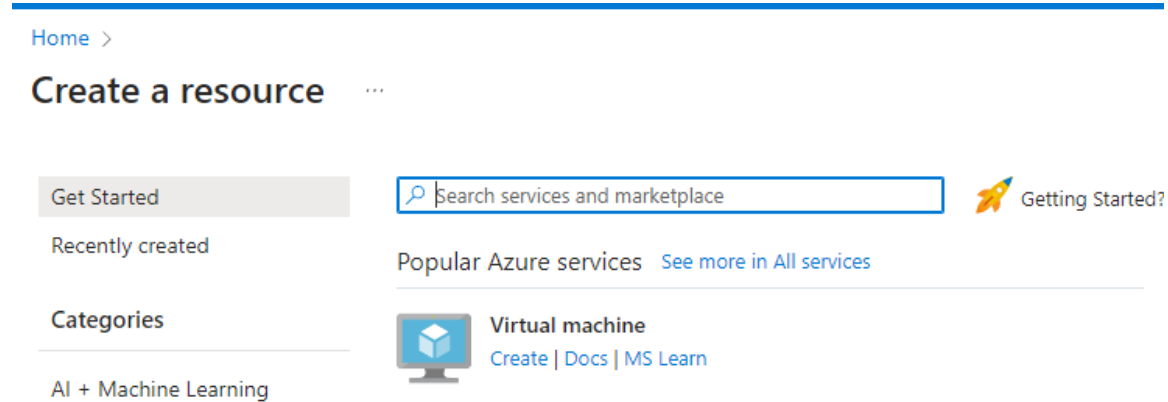
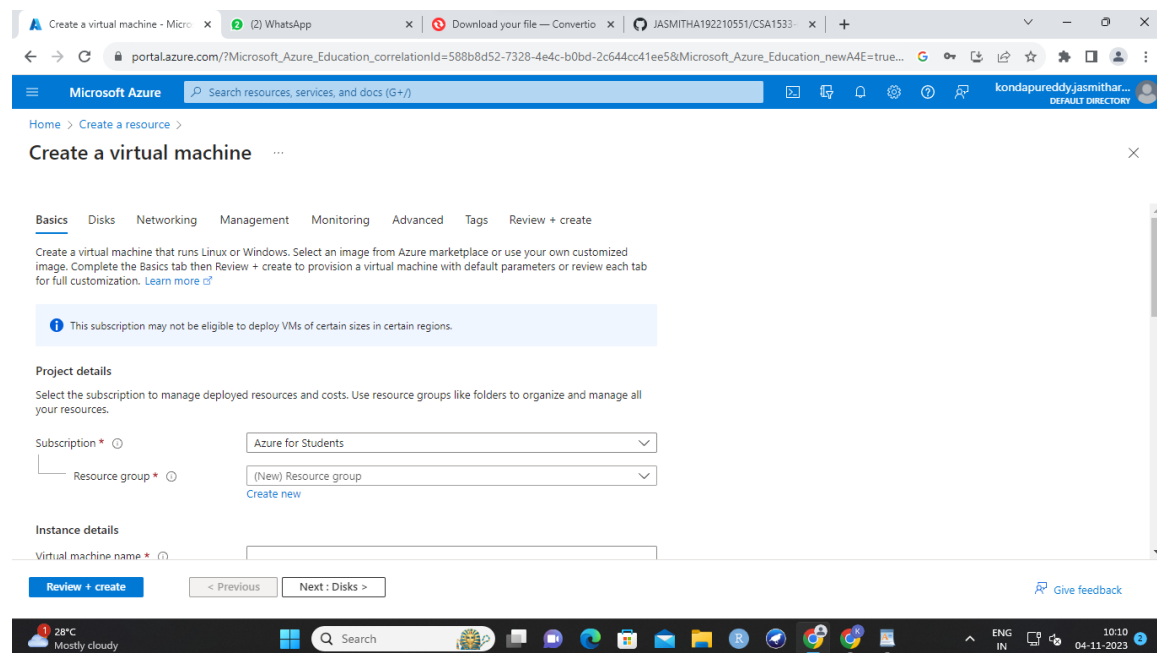


Demonstrate Infrastructure as a Service (IaaS) by creating a Virtual Machine using a Public Cloud Service Provider (Azure), configure with required memory and CPU.

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

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 >

ENG - AUS In 4 hours

Search

ENG IN 10:20 04-11-2023

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

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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.

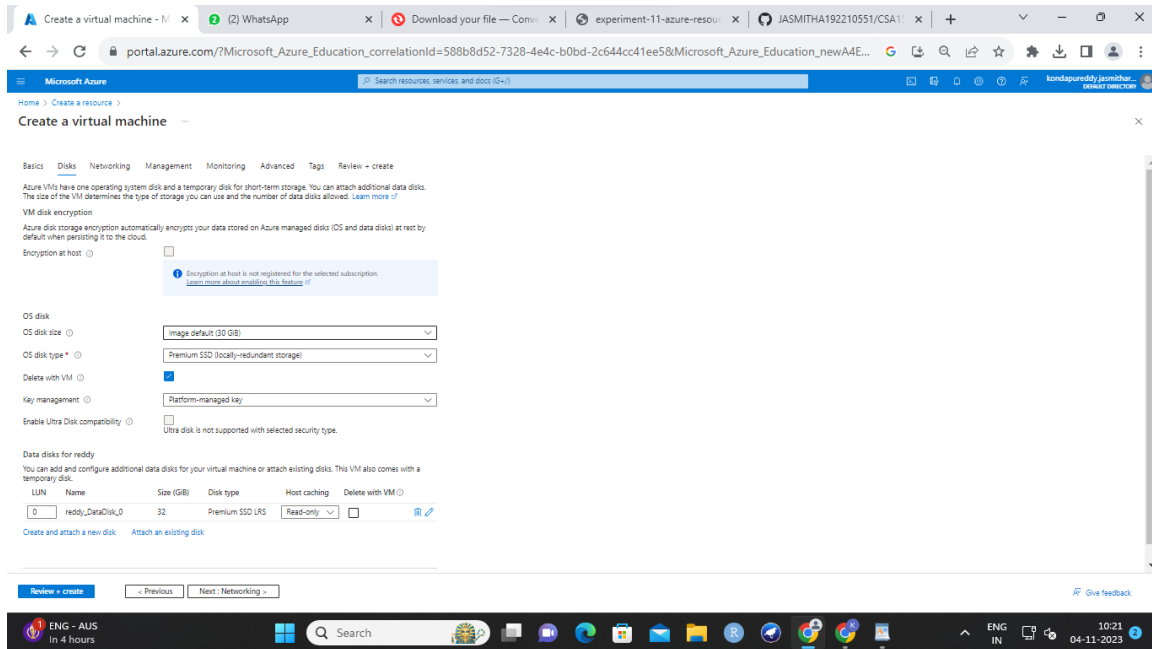
Review > create < Previous Next: Disks >

ENG - AUS In 4 hours

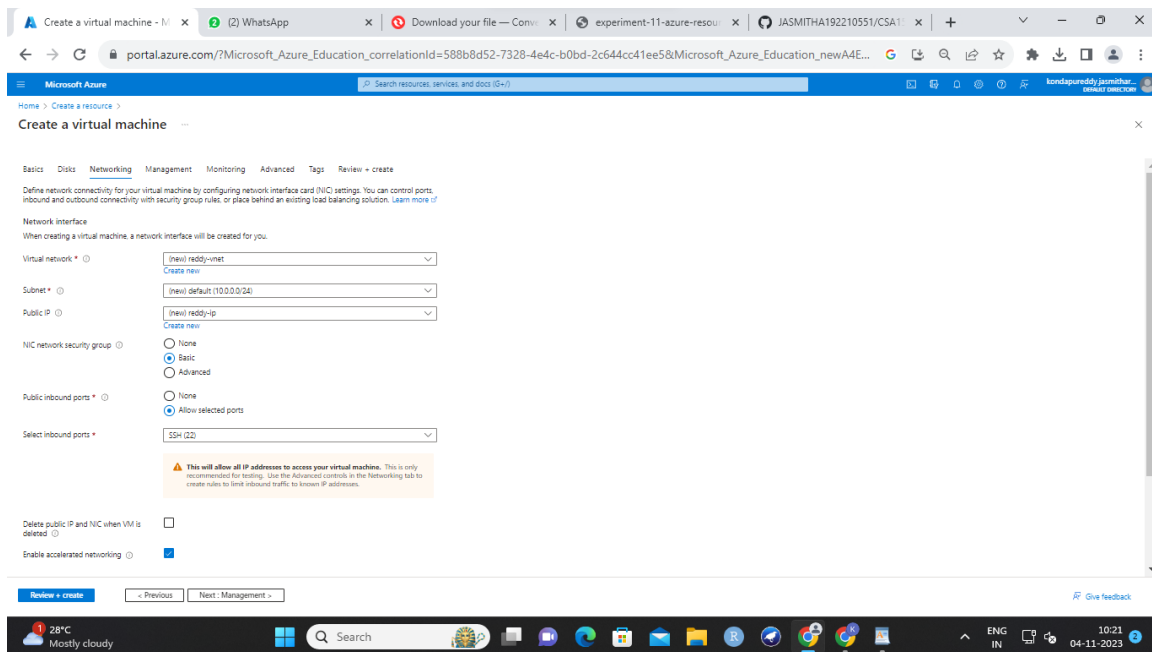
Search

ENG IN 10:20 04-11-2023

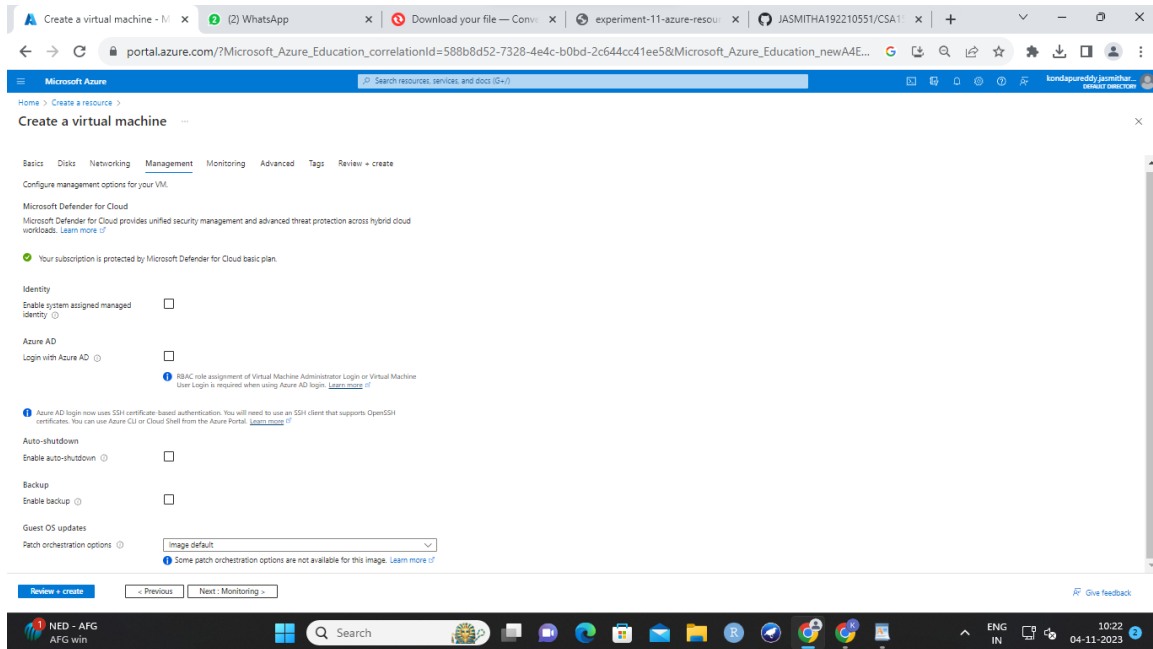
step 4 : enter data in disk



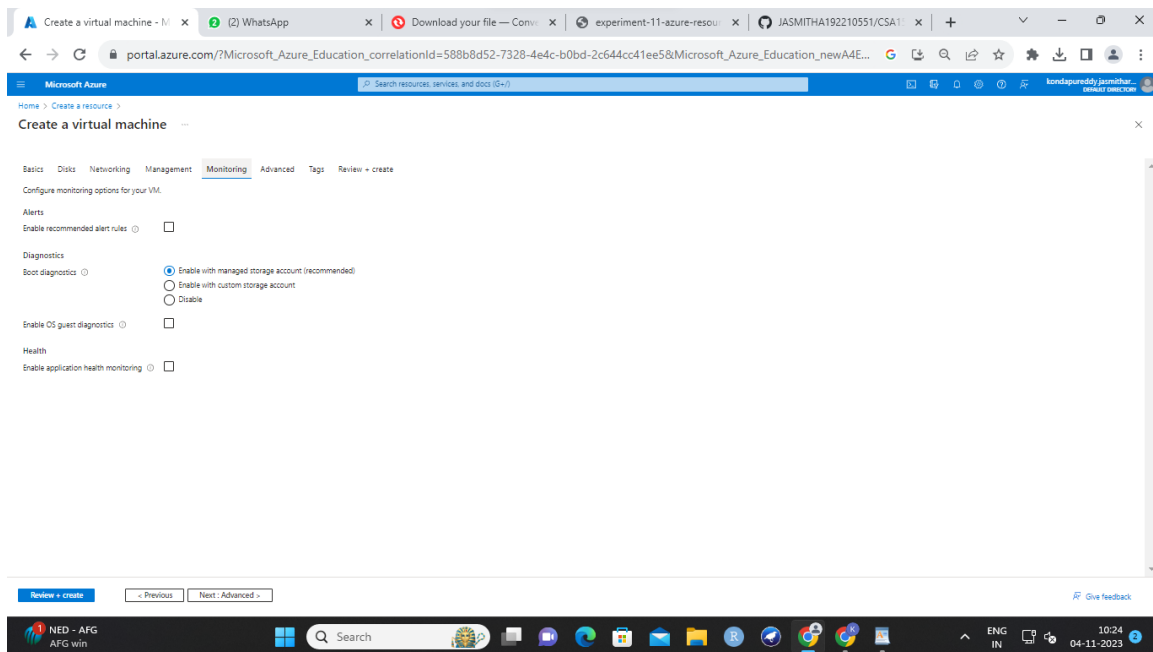
## step 5 : go for networking



## step 6 : then management and default



## step 7 : deefault monitoring



## step 8 : default advanced

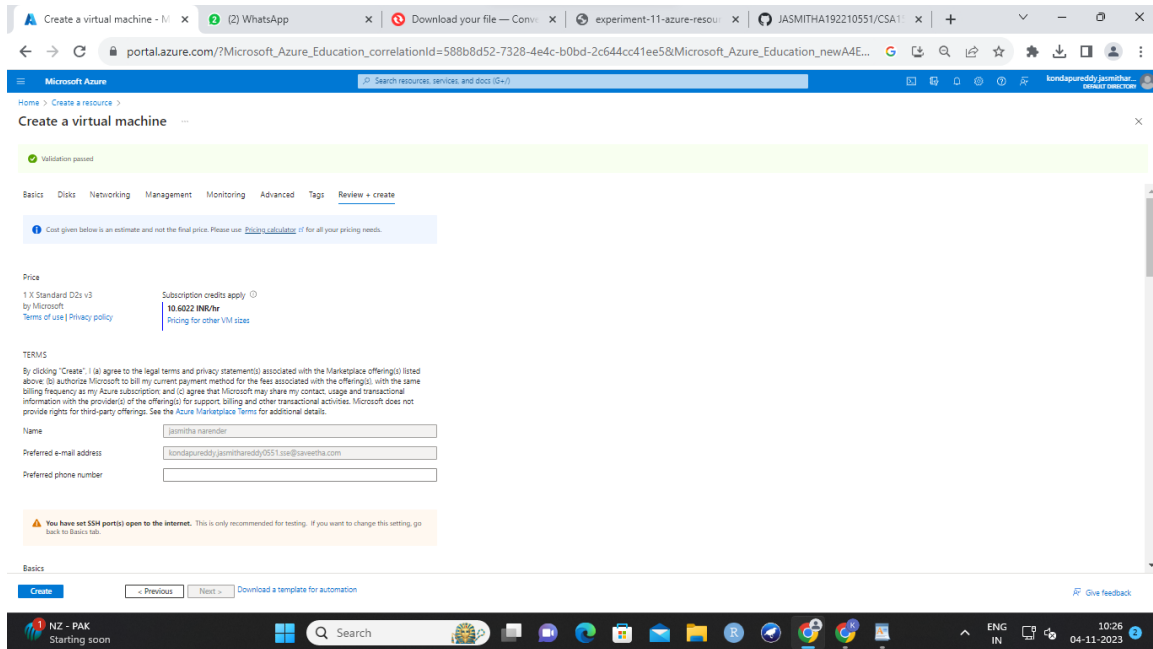
Microsoft Azure portal interface showing the "Create a virtual machine" wizard. The "Extensions" tab is selected, displaying options for adding extensions to the VM. The "Custom data and cloud-init" section is visible, showing a text area for entering custom data. The "User data" section is also visible,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

## step 9 : enter data in tags

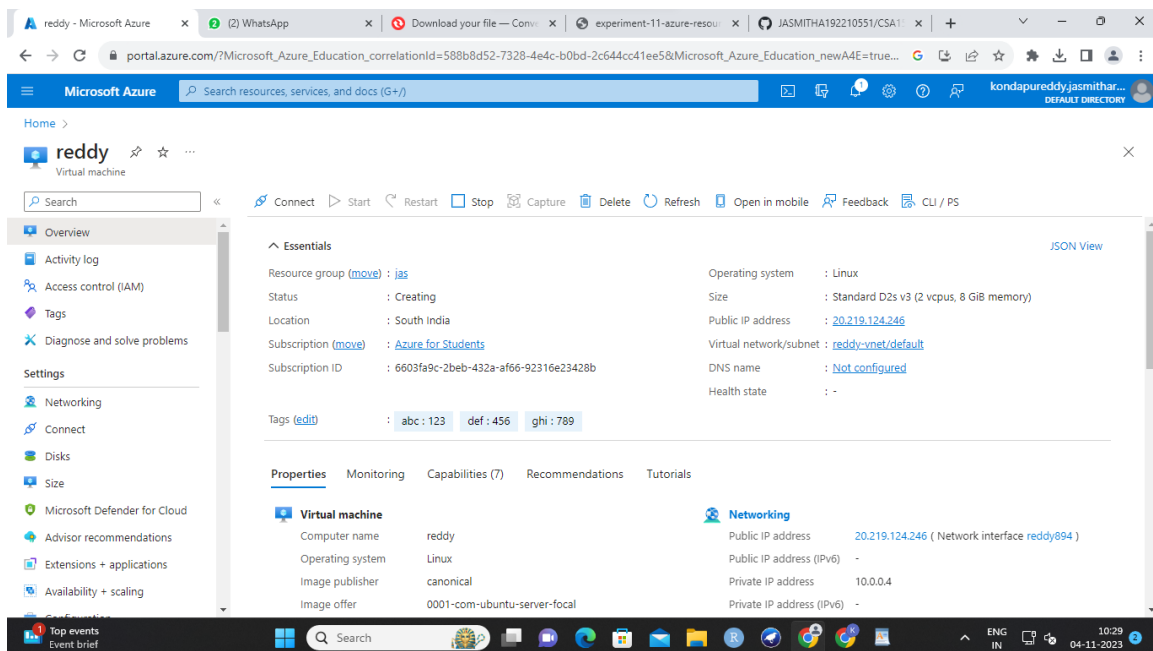
Microsoft Azure portal interface showing the "Create a virtual machine" wizard. The "Tags" tab is selected, displaying a table for adding tags to the VM. The table has columns for Name, Value, and Resource. The "gph" tag is being added with a value of "769".

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




## step 10 : review



## step 11 : result



## step 12 : connect

«  Connect  Start  Restart [


^ Essentials

Resource group ([move](#)) : [jas](#)


Status : Running

Location : South India

step 13 : select ssh

Unsupported by plan 

## Recommended

 [Local machine](#) [Azure portal](#)

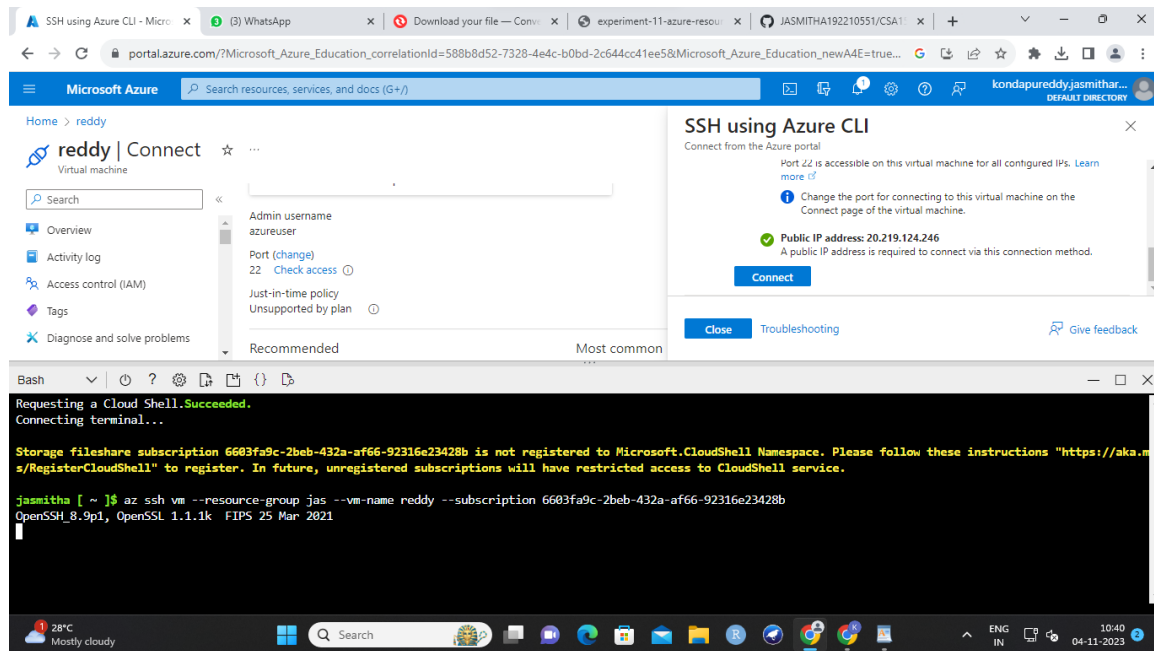
**SSH using Azure CLI**

Quickly connect in browser. Supports Azure AD authentication. Private key not required.

Public IP address (20.219.124.246)

[Select](#)

step 14 : give tick and agree



step 15 : getting a bash and then type yes and once pur saveetha mail is shown experiemnt got done

