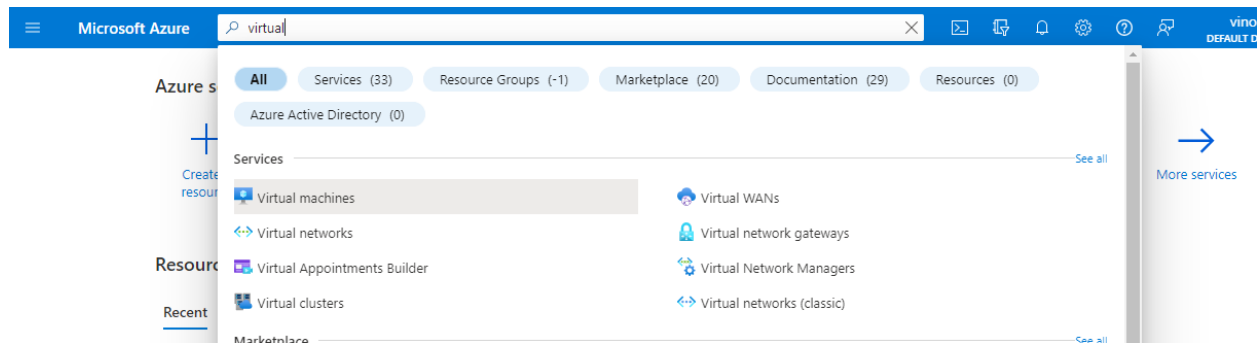
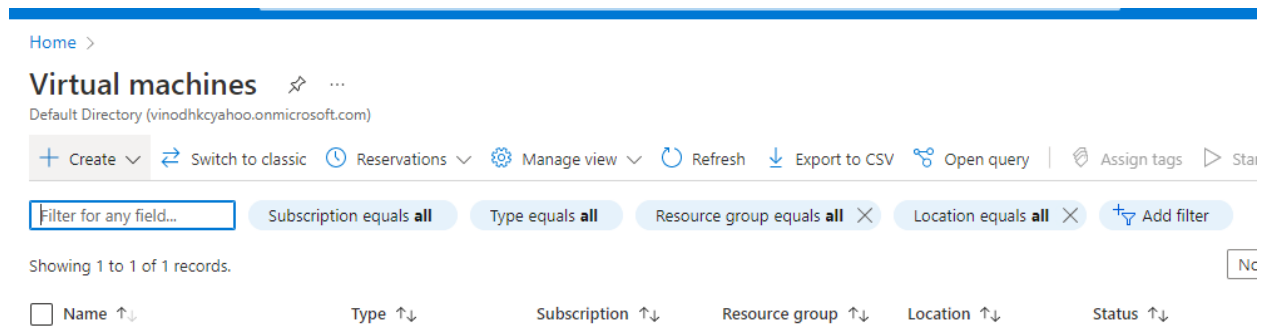


Ubuntu 20.04 Virtual Machine Creation

Open Portal.azure.com and search Virtual Machine



Click Virtual Machine and click create button



In the Vm Creation Wizard, click create new resource group and create a resource group named mongodb

Create a virtual machine ...

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create. For more information, see [Virtual machines](#) or review each tab for full customization. [Learn more](#)

Project details

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

Subscription * ⓘ

Resource group * ⓘ

A resource group is a container that holds related resources for an Azure solution.

Name *

mongod ✓

OK Cancel

[Create new](#)

Instance details

Virtual machine name * ⓘ

Region * ⓘ

Give The Virtual machine name also as mongodb (name can be your choice) and choose region of your choice

Create a 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 * ⓘ

Resource group * ⓘ

Pay-As-You-Go

mongodb

[Create new](#)

Instance details

Virtual machine name * ⓘ

Region * ⓘ

Availability options ⓘ

Availability zone * ⓘ

mongovm ✓

(US) East US

Availability zone

Zones 1

⚡ You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

Choose Ubuntu 20.04 as VM Image and B2s as the VM Size

per zone. [Learn more](#)

Security type ⓘ Standard ▼

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


VM architecture ⓘ ☐ Arm64 ☒ x64


Run with Azure Spot discount ⓘ ☐

Size * ⓘ Standard_B2s - 2 vcpus, 4 GiB memory (₹2,384.94/month) ▼
[See all sizes](#)

Administrator account admin

Add the user details and public key details, select generate a new key pair, Give name of your choice

 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 * mongovm_key ✓


For other settings we go with default settings and click review and create button


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) ▼

 **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.

[Review + create](#) [< Previous](#) [Next : Disks >](#) 

Once validation is passed, click create

Create a virtual machine ...

✓ Validation passed

Basics Disks Networking Management Monitoring Advanced Tags Review + create

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

Price

1 X Standard B2s

by Microsoft

[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ

3.2670 INR/hr

[Pricing for other VM sizes](#)

Create

< Previous

Next >

[Download a template for automation](#)

Download the key pair

Generate new key pair

i An SSH key pair contains both a public key and a private key. **Azure doesn't store the private key.** After the SSH key resource is created, you won't be able to download the private key again. [Learn more](#) ↗

Download private key and create resource

Return to create a virtual machine

Once VM is created click go to resource

« Delete Cancel Redeploy Download Refresh

✓ Your deployment is complete



Deployment name: CreateVm-canonical.0001-com-ubuntu-serve...
Subscription: [Pay-As-You-Go](#)
Resource group: [mongodb](#)

Start time: 3/5/2023, 8:30:13 PM
Correlation ID: c510b933-dd36-4dc8-b6d5-eb!

▼ Deployment details

^ Next steps

[Setup auto-shutdown](#) Recommended

[Monitor VM health, performance and network dependencies](#) Recommended

[Run a script inside the virtual machine](#) Recommended

[Go to resource](#)

[Create another VM](#)

You will find the public ip and use your pem file to connect using ssh

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

^ Essentials

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

Status : Running

Location : East US (Zone 1)

Subscription ([move](#)) : [Pay-As-You-Go](#)

Subscription ID : eb1071cd-c242-493c-b393-11d39bad7938

Availability zone : 1

Tags ([edit](#)) : [Click here to add tags](#)

Operating system : Linux (ubuntu 20.04)

Size : Standard B2s (2 vcpus, 4 GiB memory)

Public IP address : [20.55.60.211](#)

Virtual network/subnet : [mongodb-vnet/default](#)

DNS name : [Not configured](#)

Properties Monitoring Capabilities (7) Recommendations Tutorials



Virtual machine

Computer name : mongovm



Networking

Public IP address : [20.55.60.211](#) (Network interface n