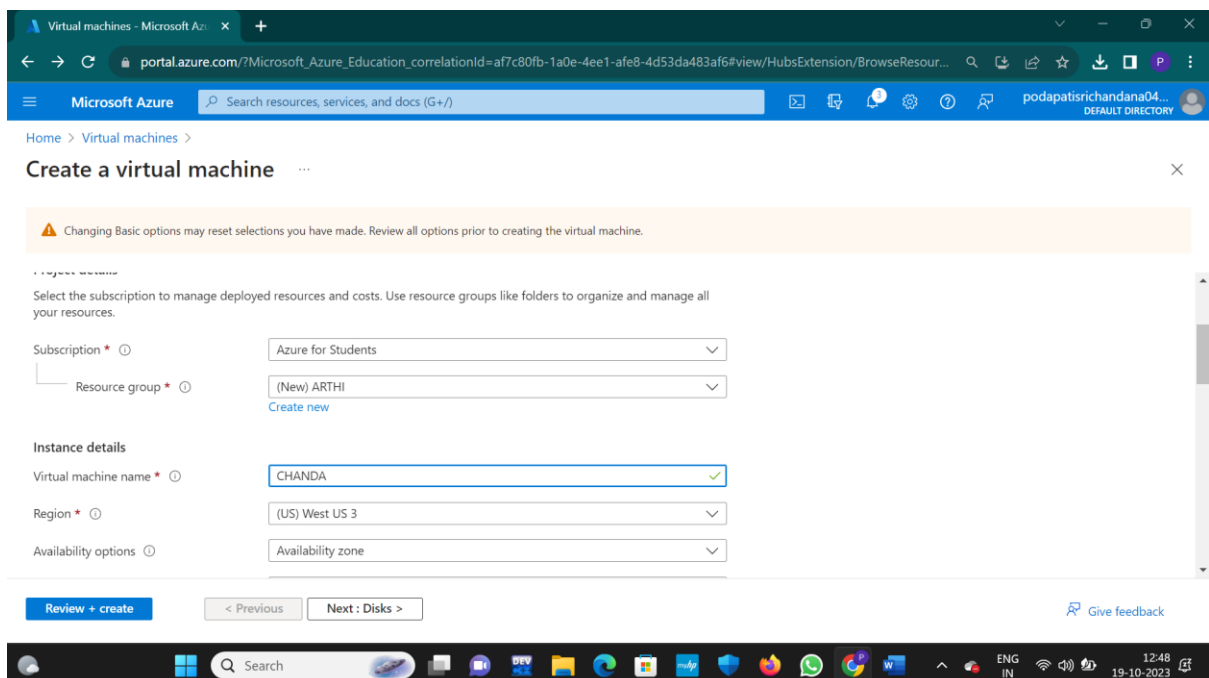
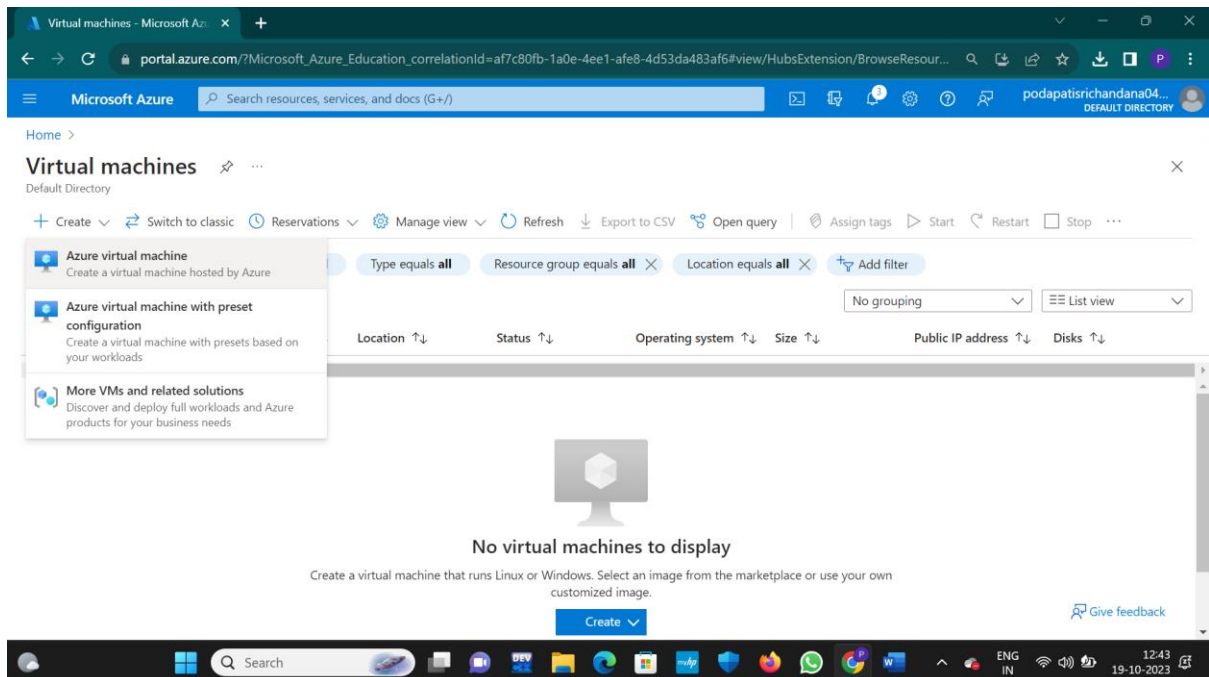


EXPERIMENT 13



Create a new disk - Microsoft A...

portal.azure.com/?Microsoft_Azure_Education_correlationId=af7c80fb-1a0e-4ee1-afe8-4d53da483af6#view/Microsoft_Azure_Compute/Cr...

Microsoft Azure

Search resources, services, and docs (G+/)

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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](#)

Name *

CHANDA_DataDisk_0

Source type *

None (empty disk)

Size *

1024 GiB

Premium SSD LRS

[Change size](#)

Key management

Platform-managed key

Enable shared disk

☐ Yes ☒ No

Delete disk with VM

☐

OK

[Give feedback](#)

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13:12

19-10-2023

Create a virtual machine - Micro

portal.azure.com/?Microsoft_Azure_Education_correlationId=af7c80fb-1a0e-4ee1-afe8-4d53da483af6#create/Microsoft.VirtualMachine-AR...

Microsoft Azure

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Create a virtual machine

Basics Disks **Networking** Management Monitoring Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network *

(new) CHANDA-vnet

[Create new](#)

Subnet *

(new) default (10.1.0.0/24)

Public IP

(new) CHANDA-ip

[Create new](#)

NIC network security group

☐ None ☒ Baseline

Review + create

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Create a virtual machine - Micro x +

portal.azure.com/?Microsoft_Azure_Education_correlationId=af7c80fb-1a0e-4ee1-afe8-4d53da483af6#create/Microsoft.VirtualMachine-AR...

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Basics Disks Networking **Management** Monitoring Advanced Tags Review + create

Configure management options for your VM.

Microsoft Defender for Cloud

Microsoft Defender for Cloud provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

✓ Your subscription is protected by Microsoft Defender for Cloud basic plan.

Identity

Enable system assigned managed identity ☐

Azure AD

Login with Azure AD ☐

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

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Basics Disks Networking Management **Monitoring** Advanced Tags Review + create

Configure monitoring options for your VM.

Alerts

Enable recommended alert rules ☐

Diagnostics

Boot diagnostics ☐ Enable with managed storage account (recommended)
☐ Enable with custom storage account
☐ Disable

Enable OS guest diagnostics ☐

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Create a virtual machine - Micro

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Create a virtual machine

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.

Extensions

Extensions provide post-deployment configuration and automation.

Extensions [Select an extension to install](#)

VM applications

VM applications contain application files that are securely and reliably downloaded on your VM after deployment. In addition to the application files, an install and uninstall script are included in the application. You can easily add or remove applications on your VM after create. [Learn more](#)

[Select a VM application to install](#)

Custom data and cloud init

Review + create

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Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

| Name | Value | Resource |
|------|-------|---------------|
| desk | : 10 | All resources |
| top | : 20 | 13 selected |
| | : 20 | 13 selected |

Review + create

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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](#) for all your pricing needs.

Price

1 X Standard D2s v3
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ
7.5393 INR/hr
[Pricing for other VM sizes](#)

TERMS

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Validation passed

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

Price

1 X Standard D2s v3
by Microsoft
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7.5393 INR/hr
[Pricing for other VM sizes](#)

TERMS

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Generate new key pair

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](#)

33° 13:15 19-10-2023

Microsoft Azure portal showing the deployment overview for 'CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231019124430'. The deployment is complete. A notification states: 'Deployment succeeded: Deployment 'CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231019124430' to resource group 'ARTHI' was successful.' The deployment details show: Deployment name: CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231019124430, Subscription: Azure for Students, Resource group: ARTHI, Start time: 10/19/2023, 1:34:08 PM, Correlation ID: 5347e583-97aa-4ba8-aea... The next steps include: Setup auto-shutdown (Recommended), Monitor VM health, performance and network dependencies (Recommended), and Run a script inside the virtual machine (Recommended). The right sidebar shows recommendations for Cost Management, Microsoft Defender for Cloud, and Free Microsoft tutorials. The bottom status bar shows 33°C Haze, search bar, and system icons.

Microsoft Azure portal showing the overview of the virtual machine 'CHANDA'. The VM is running. The Essentials section shows: Resource group (move) ARTHI, Status Running, Location West US 3 (Zone 1), Subscription (move) Azure for Students, Subscription ID d0ce5a4a-2353-469a-b99f-b5d689a03097, Availability zone 1, Operating system Linux (ubuntu 20.04), Size Standard D2s v3 (2 vcpus, 8 GiB memory), Public IP address 20.38.39.153, Virtual network/subnet CHANDA-vnet/default, DNS name Not configured, Health state -. The left sidebar shows navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, Networking, Connect, Disks, Size, Microsoft Defender for Cloud, Advisor recommendations, and Extensions + applications. The bottom status bar shows 33°C Haze, search bar, and system icons.