

## EXPN015: CREATING A VIRTUAL MACHINE USING PUBLIC CLOUD SERVICE

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile 'sravanip1230.sse@save...'. The main content area displays the configuration for a virtual machine named 'saritha'. The left sidebar lists various settings categories: 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, Configuration, and Identity. The main configuration area is divided into several sections: 'Availability + scaling' (Availability zone: 1, Availability set: -, Scale Set: -), 'Security type' (Security type: Trusted launch, Enable secure boot: Enabled, Enable vTPM: Enabled, Integrity monitoring: Disabled), 'Health monitoring' (Health monitoring: Not enabled), 'Auto-shutdown' (Auto-shutdown: Not enabled, Scheduled shutdown: -), and 'Azure Spot' (Azure Spot: -, Azure Spot eviction policy: -).

The screenshot shows the 'Virtual machines' list page in the Microsoft Azure portal. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile 'sravanip1230.sse@save...'. The main content area displays a table of virtual machines. The table has columns for Name, Type, Subscription, Resource group, Location, Status, Operating system, Size, and Public IP. The table is currently empty, showing 0 to 0 of 0 records. Below the table, there is a 'Create' button and a link to 'Learn more about Windows virtual machines'.



### No virtual machines to display

Create a virtual machine that runs Linux or Windows. Select an image from the marketplace or use your own customized image.

Create

[Learn more about Windows virtual machines](#)

[Learn more about Linux virtual machines](#)

[Give feedback](#)



Edit with WPS Office

Virtual machines - Microsoft Azure | New Tab

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=884ba64d-715e-467e-ad27-432745d83a75&Microsoft\_Azure\_Education\_newA4E=true&Microso...

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

Home > Virtual machines

Default Directory

+ Create | Switch to classic | Reservations | Manage view | Refresh | Export to CSV | Open query | Assign tags | Start | Restart | Stop | Delete

Azure virtual machine | Create a virtual machine hosted by Azure

Azure virtual machine with preset configuration | Create a virtual machine with presets based on your workloads

Azure Arc virtual machine | Create a new Azure Arc virtual machine in one of your non-Azure environments

Azure VMware Solution virtual machine | Create a VMware virtual machine hosted by Azure

Type equals all | Resource group equals all | Location equals all | Add filter

No grouping | List view

Subscription | Resource group | Location | Status | Operating system | Size | Public IP

No virtual machines to display

Create a virtual machine that runs Linux or Windows. Select an image from the marketplace or use your own customized image.

Create

Learn more about Windows virtual machines

Learn more about Linux virtual machines

Give feedback

Create a virtual machine - Micro | New Tab

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=884ba64d-715e-467e-ad27-432745d83a75&Microsoft\_Azure\_Education\_newA4E=true&Microso...

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

Home > Virtual machines > 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 to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

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 \* | sravani

Create new

Instance details

Virtual machine name \* | saritha



Edit with WPS Office

Create a virtual machine - Micro x New Tab x +

portalazure.com/?Microsoft\_Azure\_Education\_correlationId=884ba64d-715e-467e-ad27-432745d83a75&Microsoft\_Azure\_Education\_newA4E=true&Mi...

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

Home > Virtual machines >

## Create a virtual machine

Authentication type: Password

Username \* Sravani\_3848 ✓

Password \* ✓

Confirm password \* ✓

**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 \* HTTP (80) ✓

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

saritha - Microsoft Azure x New Tab x WhatsApp x +

portalazure.com/?Microsoft\_Azure\_Education\_correlationId=884ba64d-715e-467e-ad27-432745d83a75&Microsoft\_Azure\_Education\_newA4E=true&Mi...

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

Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104093139 | Overview >

### saritha

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
- Configuration
- Identity

**Availability + scaling**

Availability zone (edit)	1
Availability set	-
Scale Set	-

**Security type**

Security type	Trusted launch
Enable secure boot	Enabled
Enable vTPM	Enabled
Integrity monitoring	Disabled

**Health monitoring**

Health monitoring	Not enabled
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**Extensions + applications**

Extensions	-
Applications	-

**Auto-shutdown**

Auto-shutdown	Not enabled
Scheduled shutdown	-

**Azure Spot**

Azure Spot	-
Azure Spot eviction policy	-



Edit with WPS Office

Create a virtual machine - Micro x New Tab x whatsapp web - Google Search x +

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=884ba64d-715e-467e-ad27-432745d83a75&Microsoft\_Azure\_Education\_newA4E=true&Mi...

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

Home > Virtual machines >

## 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](#) for all your pricing needs.

Price

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

Subscription credits apply ⓘ  
**8.2461 INR/hr**  
[Pricing for other VM sizes](#)

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.

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

CreateVm-canonical.0001-com x New Tab x whatsapp web - Google Search x +

portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=884ba64d-715e-467e-ad27-432745d83a75&Microsoft\_Azure\_Education\_newA4E=true&Mi...

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

Home >

## CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104093139 | Overview

Deployment

Search « Delete Cancel Redeploy Download Refresh

Overview Inputs Outputs Template

**Your deployment is complete**

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f... Start time: 11/4/2023, 9:42:46 AM  
Subscription: Azure for Students Correlation ID: 68e2f62c-Scba-488a-8bd1-ee5f  
Resource group: sravani

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

Give feedback  
Tell us about your experience with deployment

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**Work with an expert**  
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.



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Microsoft Azure portal interface showing the Overview page for a Virtual Machine named "saritha". The VM is running Linux (ubuntu 20.04) and is located in Central India (Zone 1). The status is Running. The subscription ID is 1cec9a31-6dee-4c7d-b4e1-d442d37e2059. The availability zone is 1. The tags are ubuntu : 5, linux : 10, and virtual machine : 15.

**Essentials**

Property	Value
Resource group	sravani
Status	Running
Location	Central India (Zone 1)
Subscription	Azure for Students
Subscription ID	1cec9a31-6dee-4c7d-b4e1-d442d37e2059
Availability zone	1
Tags	ubuntu : 5, linux : 10, virtual machine : 15

**Properties**

Property	Value
Computer name	saritha
Operating system	Linux (ubuntu 20.04)
Image publisher	canonical
Image offer	0001-com-ubuntu-server-focal
Image plan	20_04-lts-gen2
VM generation	V2

**Networking**

Property	Value
Public IP address	-
Public IP address (IPv6)	-
Private IP address	-
Private IP address (IPv6)	-
Virtual network/subnet	-
DNS name	-

Microsoft Azure portal interface showing the Properties page for the Virtual Machine "saritha". The VM is running Linux (ubuntu 20.04) and is located in Central India (Zone 1). The status is Running. The subscription ID is 1cec9a31-6dee-4c7d-b4e1-d442d37e2059. The availability zone is 1. The tags are ubuntu : 5, linux : 10, and virtual machine : 15.

**Properties**

Property	Value
Computer name	saritha
Operating system	Linux (ubuntu 20.04)
Image publisher	canonical
Image offer	0001-com-ubuntu-server-focal
Image plan	20_04-lts-gen2
VM generation	V2
VM architecture	x64
Agent status	Ready
Agent version	2.9.1.1
Host group	None
Host	-
Proximity placement group	-
Colocation status	N/A
Capacity reservation group	-
Disk controller type	SCSI

**Networking**

Property	Value
Public IP address	98.70.42.204 (Network interface saritha511_z1)
Public IP address (IPv6)	-
Private IP address	10.0.0.4
Private IP address (IPv6)	-
Virtual network/subnet	saritha-vnet/default
DNS name	Configure

**Size**

Property	Value
Size	Standard D2s v3
vCPUs	2
RAM	8 GiB

**Disk**

Property	Value
OS disk	saritha_OsDisk_1_b3250a9e9bbf4942a35452351c70d363
Encryption at host	Disabled
Azure disk encryption	Not enabled
Ephemeral OS disk	N/A
Data disks	1



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