Creating an Azure Virtual Machine

Home > Virtual machines >

Create a virtual machine   ...

| Help me create a low cost VM | Help me create a VM optimized for high availability | Help me choose the right VM size for my workload |

     ⦿ x64

Run with Azure Spot discount ☐

Size *   Standard_B1s - 1 vcpu, 1 GiB memory (₹680.20/month) (free services eligible) ▽

See all sizes

Enable Hibernation ☐

ⓘ Hibernate does not currently support Trusted launch and Confidential virtual machines for Linux images. Learn more

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 * ⓘ

< Previous   Next : Disks >   Review + create   Give feedback

---

Username * ⓘ   azureuser   ✓

SSH public key source   Generate new key pair ▽

SSH Key Type   ⦿ RSA SSH Format
     ○ Ed25519 SSH Format
     ✓ Ed25519 offers better performance and security with a smaller key size, while RSA is still widely used particularly for legacy systems and applications.

Key pair name *   azure-project_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) ▽

< Previous   Next : Disks >   Review + create   Give feedback

---

Basics   Disks   Networking   Management   Monitoring   Advanced   Tags   Review + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. Learn more

VM disk encryption

Azure disk storage encryption automatically encrypts your data stored on Azure managed disks (OS and data disks) at rest by default when persisting it to the cloud.

Encryption at host ⓘ ☐

ⓘ Encryption at host is not registered for the selected subscription. Learn more about enabling this feature

OS disk

OS disk size ⓘ   Image default (30 GiB) ▽

OS disk type * ⓘ   Premium SSD (locally-redundant storage) ▽

Delete with VM ⓘ ☑

Key management ⓘ   Platform-managed key ▽

Enable Ultra Disk compatibility ⓘ ☐

Data disks for azure-project

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching	Delete with VM ⓘ

Create and attach a new disk   Attach an existing disk

Create a virtual machine ...

✓ Validation passed

| Help me create a low cost VM | Help me create a VM optimized for high availability | Help me choose the right VM size for my workload |

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Price

1 X Standard B1s
by Microsoft
Terms of use | Privacy policy

Subscription credits apply ⓘ
0.9318 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.

Name	Ranjit Nambiar
Preferred e-mail address	nanditha0408@gmail.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

| Subscription | Azure for Students |

< Previous   Next >   **Create**

Download a template for automation   ⚑ Give feedback

| Azure Spot | No |

Disks

OS disk size	Image default
OS disk type	Premium SSD LRS
Use managed disks	Yes
Delete OS disk with VM	Enabled
Ephemeral OS disk	No

Networking

Virtual network	(new) azure-project-vnet
Subnet	(new) default (10.0.0.0/24)
Public IP	(new) azure-project-ip
Accelerated networking	Off
Place this virtual machine behind an existing load balancing solution?	No
Delete public IP and NIC when VM is deleted	Disabled

Management

Microsoft Defender for Cloud	Basic (free)
System assigned managed identity	Off
Login with Microsoft Entra ID	Off
Auto-shutdown	Off
Backup	Disabled
Enable hotpatch	Off
Patch orchestration options	Image Default

< Previous   Next >   **Create**

Download a template for automation   ⚑ Give feedback

Monitoring

Alerts	Off
Boot diagnostics	On
Enable OS guest diagnostics	Off
Enable application health monitoring	Off

Advanced

Extensions	None
VM applications	None
Cloud init	No
User data	No
Disk controller type	SCSI
Proximity placement group	None
Capacity reservation group	None

< Previous   Next >   **Create**

Download a template for automation   ⚑ Give feedback

Home > Virtual machines >

Create a virtual machine

✓ Validation passed

Help me create a low cost VM | Help me create a VM optimized for high availability | Help me choose the right VM size for my workload

Delete public IP and NIC when VM is deleted   Disabled

Management

Microsoft Defender for Cloud	Basic (free)
System assigned managed identity	Off
Login with Microsoft Entra ID	Off
Auto-shutdown	Off
Backup	Disabled
Enable hotpatch	Off
Patch orchestration options	Image Default

Monitoring

Alerts	Off
Boot diagnostics	On
Enable OS guest diagnostics	Off
Enable application health monitoring	Off

Advanced

Extensions	None
VM applications	None
Cloud init	No
User data	No
Disk controller type	SCSI
Proximity placement group	None
Capacity reservation group	None

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]

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

---

Home >

CreateVm-canonical.ubuntu-24_04-lts-server-20240830234349 | Overview
Deployment

🔍 Search

- 🌀 Overview
- 📥 Inputs
- ☰ Outputs
- 📄 Template

🗑 Delete ⊘ Cancel ⤴ Redeploy ⬇ Download ↻ Refresh

✓ Your deployment is complete

Deployment name: CreateVm-canonical.ubuntu-24_04-lts-server-2...   Start time: 8/30/2024, 11:52:30 PM
Subscription: Azure for Students   Correlation ID: d44cb45e-91cf-4a7b-94fb-67e50eaeefb7
Resource group: myazureproject

⌄ 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

Cost Management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >

Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >

Free Microsoft tutorials
Start learning today >

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.
Find an Azure expert >

Home >

Virtual machines
Mit-Wpu

+ Create ⌄ | ⇄ Switch to classic | ⏱ Reservations ⌄ | ⚙ Manage view ⌄ | ↻ Refresh | ⬇ Export to CSV | ⦿ Open query | ⊘ Assign tags | ▷ Start | ↻ Restart | ⬜ Stop | 🗑 Delete | ☰ Services ⌄ | ⚙ Maintenance ⌄

Filter for any field... | Subscription equals **all** | Type equals **all** | Resource group equals **all** ✕ | Location equals **all** ✕ | + Add filter

Showing 1 to 1 of 1 records.   No grouping ⌄   List view ⌄

☐ Name ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓	Public IP address ↑↓	Disks ↑↓	
☐ 🖥 azure-project	Azure for Students	myazureproject	Central India	Running	Linux	Standard_B1s	4.240.112.93	1	⋯

< Previous   Page 1 ⌄ of 1   Next >   Give feedback