

Creating Virtual Machine in Azure:

The screenshot shows the Microsoft Azure portal home page. The top navigation bar includes the Microsoft Azure logo, an 'Upgrade' button, a search bar, and a 'Copilot' button. The user's profile is 'thanunithya22@gmail.com'. A notification bubble indicates '₹16,700.00 credit remaining' for the 'Free Trial' subscription. The main content area is divided into three sections: 'Azure services' with icons for 'Create a resource', 'Cost Management', 'Subscriptions', 'Quickstart Center', 'Azure AI services', 'Kubernetes services', 'Virtual machines', and 'App Service'; 'Resources' with a table of recent resources; and 'Navigate' with links to 'Subscriptions', 'Resource groups', 'All resources', and 'Dashboard'. The 'Recent' resources table has the following data:

Name	Type	Last Viewed
Free Trial	Subscription	16 hours ago

The bottom of the page shows a Windows taskbar with the search bar and various application icons.

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal. The top navigation bar is the same as the previous screenshot. The main content area is titled 'Create a virtual machine' and includes a warning message: 'Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.' Below this are three tabs: 'Help me create a low cost VM', 'Help me create a VM optimized for high availability', and 'Help me choose the right VM size for my workload'. The 'Project details' section includes a 'Subscription' dropdown set to 'Free Trial' and a 'Resource group' dropdown set to '(New) AzureVM'. The 'Instance details' section includes a 'Virtual machine name' field set to 'AzureVirtualMachine'. At the bottom, there are buttons for '< Previous', 'Next: Disks >', and 'Review + create'. A 'Give feedback' link is also present.

portal.azure.com/#create/Microsoft.VirtualMachine-ARM

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Home > Virtual machines >

Create a virtual machine

⚠ Changing Basic options may reset selections you have made. Review all options prior to creating the 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

Virtual machine name *

Region *

Availability options

Zone options ☒ Self-selected zone
Choose up to 3 availability zones, one VM per zone
☐ Azure-selected zone (Preview)
Let Azure assign the best zone for your needs
Using an Azure-selected zone is not supported in region 'Central India'.

Availability zone *

☒ You can now select multiple zones. Selecting multiple zones will create one VM

< Previous Next : Disks > Review + create Give feedback

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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

Security type
[Configure security features](#)

Image *
[See all images](#) | [Configure VM generation](#)

VM architecture ☐ Arm64 ☒ x64

Run with Azure Spot discount ☐

You are in the free trial period. Costs associated with this VM can be covered by any remaining credits on your subscription.

< Previous Next : Disks > Review + create Give feedback

Type here to search

Create Your Azure Free Account x

Create a virtual machine - Micro x

New Tab x

+

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Home > Virtual machines >

Create a virtual machine ...

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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

Size * ① Standard_B1ls - 1 vcpu, 0.5 GiB memory (₹340.10/month) See all sizes

Enable Hibernation ① ☐

Hibernate does not currently support Trusted launch and Confidential virtual machines for Linux images. [Learn more](#)

Administrator account Authentication type ①

☐ SSH public key ☒ Password

Username * ① thanunithya22 ✓

< Previous Next : Disks > Review + create Give feedback

Type here to search Nea... 09:38 22-11-2024 4

Create Your Azure Free Account x

Create a virtual machine - Micro x

New Tab x

+

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Home > Virtual machines >

Create a virtual machine ...

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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

☒ Password

Username * ① thanunithya22 ✓

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 * ①

☐ None ☒ Allow selected ports

< Previous Next : Disks > Review + create Give feedback

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Create Your Azure Free Account x

Create a virtual machine - Micro x

New Tab

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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

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](#)

OS disk

OS disk size

OS disk type *

The selected VM size supports premium disks. We recommend Premium SSD for high performance. [Learn more](#)

< Previous Next: Networking > Review + create

Give feedback

go.microsoft.com/fwlink/?LinkId=2012733

Windows Taskbar: Type here to search, File Explorer, Edge, Settings, Photos, Mail, NIFTY, 09:39 22-11-2024

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New Tab

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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

Delete with VM ☒

Key management

Enable Ultra Disk compatibility ☐

Data disks for AzureVirtualMachine

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](#)

Advanced

< Previous Next: Networking > Review + create

Give feedback

Windows Taskbar: Type here to search, File Explorer, Edge, Settings, Photos, Mail, NIFTY, 09:39 22-11-2024

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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

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) AzureVirtualMachine-vnet [Create new](#)

Subnet * (new) default (10.0.0.0/24)

Public IP (new) AzureVirtualMachine-ip [Create new](#)

< Previous Next: Management > Review + create Give feedback

Windows Taskbar: Type here to search, File Explorer, Edge, Mail, NIFTY, 09:40 22-11-2024

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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

NIC network security group ☐ None ☒ Basic ☐ Advanced

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.

Delete public IP and NIC when VM is deleted ☐

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Create Your Azure Free Account

Create a virtual machine - Micro

New Tab

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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

Enable accelerated networking

The resource provider 'Microsoft.Network' should be registered in order to enable accelerated networking. [Learn more](#)

Load balancing

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#)

Load balancing options

None

Azure load balancer
Supports all TCP/UDP network traffic, port-forwarding, and outbound flows.

Application gateway
Web traffic load balancer for HTTP/HTTPS with URL-based routing, SSL termination, session persistence, and web application firewall.

< Previous

Next : Management >

Review + create

Give feedback

Type here to search

Create Your Azure Free Account

Create a virtual machine - Micro

New Tab

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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

Basics

Disks

Networking

Management

Monitoring

Advanced

Tags

Review + create

Price

1 X Standard B1ls
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply
0.4659 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

< Previous

Next >

Create

Download a template for automation

Give feedback

Type here to search

Microsoft Azure portal showing the deployment details for "CreateVm-canonical.ubuntu-24_04-lts-server-20241122093442". The deployment is in progress. The deployment name is "CreateVm-canonical.ubuntu-24_04-lts-server-20241122093442", the subscription is "Free Trial", and the resource group is "AzureVM". The deployment details table shows the following resources:

Resource	Type	Status	Operation details
AzureVirtualMachine	Microsoft.Compute/virtual-machines	Created	Operation details
azurevirtualmachine463	Microsoft.Network/networkInterfaces	Created	Operation details
AzureVirtualMachine-ip	Microsoft.Network/publicIPAddresses	OK	Operation details
AzureVirtualMachine-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
AzureVirtualMachine-nsg	Microsoft.Network/networkSecurityGroups	OK	Operation details

On the right sidebar, there are links for "Microsoft Defender for Cloud", "Free Microsoft tutorials", and "Work with an expert".

Microsoft Azure portal showing the deployment details for "CreateVm-canonical.ubuntu-24_04-lts-server-20241122093442". The deployment is complete. The deployment name is "CreateVm-canonical.ubuntu-24_04-lts-server-20241122093442", the subscription is "Free Trial", and the resource group is "AzureVM". The deployment details table shows the following resources:

Resource	Type	Status	Operation details
AzureVirtualMachine	Microsoft.Compute/virtual-machines	Created	Operation details
azurevirtualmachine463	Microsoft.Network/networkInterfaces	Created	Operation details
AzureVirtualMachine-ip	Microsoft.Network/publicIPAddresses	OK	Operation details
AzureVirtualMachine-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
AzureVirtualMachine-nsg	Microsoft.Network/networkSecurityGroups	OK	Operation details

On the right sidebar, there are links for "Cost Management", "Microsoft Defender for Cloud", and "Free Microsoft tutorials".

portal.azure.com/#@thanunithya22gmail.onmicrosoft.com/resource/subscriptions/cc96d142-6b39-4272-9c30-81fe4079b58f/resourcegroups/AzureV...

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Home > CreateVm-canonical.ubuntu-24_04-Its-server-20241122093442 | Overview >

AzureVirtualMachine

Virtual machine

Search

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Connect
- Networking
- Settings
- Availability + scale
- Security
- Backup + disaster recovery
- Operations
- Monitoring

Essentials

Resource group (move) [AzureVM](#)

Status: Running

Location: Central India (Zone 1)

Subscription (move) [Free Trial](#)

Subscription ID: cc96d142-6b39-4272-9c30-81fe4079b58f

Availability zone: 1

Operating system: Linux (ubuntu 24.04)

Size: Standard B1ls (1 vcpu, 0.5 GiB memory)

Public IP address: [20.244.40.58](#)

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

DNS name: [Not configured](#)

Health state: -

Time created: 11/22/2024, 4:11 AM UTC

JSON View

Tags (edit)

Type here to search

27°C 09:43 22-11-2024

portal.azure.com/#@thanunithya22gmail.onmicrosoft.com/resource/subscriptions/cc96d142-6b39-4272-9c30-81fe4079b58f/resourcegroups/AzureV...

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Home > CreateVm-canonical.ubuntu-24_04-Its-server-20241122093442 | Overview >

AzureVirtualMachine

Virtual machine

Search

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name: AzureVirtualMachine

Operating system: Linux (ubuntu 24.04)

VM generation: V2

VM architecture: x64

Agent status: Ready

Agent version: 2.12.0.2

Hibernation: Disabled

Host group: -

Host: -

Proximity placement group: -

Networking

Public IP address: [20.244.40.58](#) (Network interface [azurevirtualmachine463_z1](#))

Public IP address (IPv6): -

Private IP address: 10.0.0.4

Private IP address (IPv6): -

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

DNS name: [Configure](#)

Size

Size: Standard B1ls

vCPUs: 1

Type here to search

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Microsoft Azure portal showing the Overview page for an Azure Virtual Machine named "AzureVirtualMachine". The page displays various configuration details and a left-hand navigation menu.

Navigation Menu:

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Connect
- Networking
- Settings
- Availability + scale
- Security
- Backup + disaster recovery
- Operations
- Monitoring

Configuration Details:

- Colocation status:** N/A
- Capacity reservation group:** -
- Disk controller type:** SCSI
- Azure Spot:**
 - Azure Spot: -
 - Azure Spot eviction policy: -
- Availability + scaling:**
 - Availability zone (edit): 1
 - Availability set: -
 - Scale Set: -
- Source image details:**
 - Source image publisher: canonical
 - Source image offer: ubuntu-24_04-its
 - Source image plan: server
- Disk:**
 - OS disk: AzureVirtualMachine_OsDisk_1_d054593912514d62b412a35820a4af3b
 - Encryption at host: Disabled
 - Azure disk encryption: Not enabled
 - Ephemeral OS disk: N/A
 - Data disks: 0

The bottom of the screen shows a Windows taskbar with the search bar, task icons, and system tray information (27°C, 09:43, 22-11-2024).

Microsoft Azure portal showing the Overview page for an Azure Virtual Machine named "AzureVirtualMachine". The page displays various configuration details and a left-hand navigation menu.

Navigation Menu:

- Overview
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- Tags
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- Networking
- Settings
- Availability + scale
- Security
- Backup + disaster recovery
- Operations
- Monitoring

Configuration Details:

- Scale Set:** -
- Data disks:** 0
- Security:**
 - Security type: Trusted launch
 - Enable secure boot: Enabled
 - Enable vTPM: Enabled
 - Integrity monitoring: Disabled
- Health monitoring:**
 - Health monitoring: Not enabled
- Extensions + applications:**
 - Extensions: -
 - Applications: -
- Auto-shutdown:**
 - Auto-shutdown: Not enabled
 - Scheduled shutdown: -

The bottom of the screen shows a Windows taskbar with the search bar, task icons, and system tray information (27°C, 09:43, 22-11-2024).