

Fill up the requirements

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal. The page is titled 'Create a virtual machine' and is part of the 'Virtual machines' section. It is the first step in a multi-step process, with 'Next: Disks' being the next step.

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 * [Create new](#)

Instance details

Virtual machine name *

Region *

Availability options

Security type [Configure security features](#)

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

VM architecture ☐ ☒

Run with Azure Spot discount ☐

Size * [See all sizes](#)

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

Select password and give a strong password after that click on next

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal, specifically the 'Administrator account' section. The page is titled 'Create a virtual machine' and is part of the 'Virtual machines' section. It is the second step in a multi-step process, with 'Next: Disks' being the next step.

Administrator account

Authentication type ☐ ☒

Username *

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 * ☐ ☒

Select inbound ports *

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

All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

Click on next

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal. The page is titled 'Create a virtual machine' and has a close button (X) in the top right corner. The breadcrumb navigation shows 'Home > Virtual machines >'. The page is divided into several sections:

- Encryption at host:** A message states 'Encryption at host is not registered for the selected subscription. [Learn more about enabling this feature](#)'.
- OS disk:**
 - OS disk size:** A dropdown menu is set to '32 GiB (P4)'.
 - OS disk type:** A dropdown menu is set to 'Premium SSD (locally-redundant storage)'.
 - Delete with VM:** A checkbox is checked.
 - Key management:** A dropdown menu is set to 'Platform-managed key'.
 - Enable Ultra Disk compatibility:** A checkbox is unchecked. A message below states 'Ultra disk is not supported with selected security type.'
- Data disks for virtual machine:**

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
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Below the table are two links: 'Create and attach a new disk' and 'Attach an existing disk'.
- Navigation:** At the bottom, there is a 'Review + create' button, a '< Previous' button, and a 'Next > Networking' button.

Check the details and click on next

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal, specifically the 'Networking' step. The page is titled 'Create a virtual machine' and has a close button (X) in the top right corner. The breadcrumb navigation shows 'Home > Virtual machines >'. The page is divided into several sections:

- Public inbound ports:** Two radio buttons are present: 'None' (unchecked) and 'Allow selected ports' (checked).
- Select inbound ports:** A dropdown menu is set to 'SSH (22)'.
- Warning:** A yellow warning box states: '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:** A checkbox is unchecked.
- Enable accelerated networking:** A checkbox is checked.
- Load balancing:**

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#)
- Load balancing options:** Three radio buttons are present: 'None' (selected), 'Azure load balancer' (unchecked), and 'Application gateway' (unchecked). Below 'Application gateway' is a description: 'Web traffic load balancer for HTTP/HTTPS with URL-based routing, SSL termination, session persistence, and web application firewall.'
- Navigation:** At the bottom, there is a 'Review + create' button, a '< Previous' button, and a 'Next > Management' button.

Click on next

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal, specifically the 'Identity' tab. The page is titled 'Create a virtual machine' and includes a sub-header 'your subscription is protected by Microsoft Defender for Cloud basic plan.' The 'Identity' section contains the following options:

- Identity:** 'Enable system assigned managed identity' with an unchecked checkbox.
- Azure AD:** 'Login with Azure AD' with an unchecked checkbox. Below this, a blue information icon and text state: 'RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required when using Azure AD login. [Learn more](#)'.
- Guest OS updates:** 'Patch orchestration options' with a dropdown menu set to 'Image default'. Below this, a blue information icon and text state: 'Some patch orchestration options are not available for this image. [Learn more](#)'.

At the bottom of the page, there are three buttons: 'Review + create' (highlighted in blue), '< Previous', and 'Next: Monitoring >'. A 'Give feedback' link is also present in the bottom right corner.

Click on next

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal, specifically the 'Monitoring' tab. The page is titled 'Create a virtual machine' and includes a sub-header 'Configure monitoring options for your VM.' The 'Monitoring' section contains the following options:

- Alerts:** 'Enable recommended alert rules' with an unchecked checkbox.
- Diagnostics:** 'Boot diagnostics' with three radio button options: 'Enable with managed storage account (recommended)' (selected), 'Enable with custom storage account', and 'Disable'.
- Enable OS guest diagnostics:** with an unchecked checkbox.

At the bottom of the page, there are three buttons: 'Review + create' (highlighted in blue), '< Previous', and 'Next: Advanced >'. A 'Give feedback' link is also present in the bottom right corner.

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Click on next

Home > Virtual machines >

Create a virtual machine

Performance (NVMe)
Enable capabilities to enhance the performance of your resources.

Higher remote disk storage performance with NVMe ☐

Host
Azure Dedicated Hosts allow you to provision and manage a physical server within our data centers that are dedicated to your Azure subscription. A dedicated host gives you assurance that only VMs from your subscription are on the host, flexibility to choose VMs from your subscription that will be provisioned on the host, and the control of platform maintenance at the level of the host. [Learn more](#)

Host group

Capacity reservations
Capacity reservations allow you to reserve capacity for your virtual machine needs. You get the same SLA as normal virtual machines with the security of reserving the capacity ahead of time. [Learn more](#)

Capacity reservation group

Proximity placement group
Proximity placement groups allow you to group Azure resources physically closer together in the same region. [Learn more](#)

Proximity placement group

[Review + create](#) [< Previous](#) [Next: Tags >](#) [Give feedback](#)

Give some names and values and click on next

Home > Virtual machines >

Create a virtual machine

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

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
cloud	: 123	All resources
computing	: 456	All resources
big data	: 789	13 selected
		13 selected

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

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Click on create which is on left side bottom

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 ⓘ
10.6022 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

Preferred e-mail address

Create [< Previous](#) [Next >](#) [Download a template for automation](#) [Give feedback](#)

Click on got resources

Home > **CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231018104528 | 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: 18/10/2023, 10:53:38 am
Subscription: Azure for Students Correlation ID: 82b18ccb-5cb2-4421-ab19-c6efc956484b ⓘ
Resource group: swetha

Deployment details

Resource	Type	Status	Operation details
virtualmachine	Microsoft.Compute/virtualMachines	OK	Operation details
virtualmachine780	Microsoft.Network/networkInterfa...	Created	Operation details
virtualmachine-nsg	Microsoft.Network/networkSecuri...	OK	Operation details
virtualmachine-ip	Microsoft.Network/publicIpAddr...	OK	Operation 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
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It shows all you listed before

The screenshot displays the Azure portal interface for a virtual machine. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect, Networking, Settings, and Properties. The main content area shows the 'Essentials' tab with details such as Resource group (swetha), Status (Running), Location (South India), Subscription (Azure for Students), and Subscription ID (5d0b2d9d-e218-4eba-a8bc-08aba99c9622). It also lists tags: cloud: 123, computing: 456, and big data: 789. Below this, the 'Properties' tab is active, showing details for the virtual machine, including Computer name (virtualmachine), 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), and Agent version (2.9.1.1). The 'Networking' section shows the Public IP address (20.235.162.247) and the Private IP address (10.0.0.5). The 'Size' section shows the VM size (Standard D2s v3).

Go to home created virtual machine is appears at home page

The screenshot shows the Azure portal home page. At the top, there are links to 'Create a resource', 'Virtual machines', 'Resource groups', 'Quickstart Center', 'App Services', 'Storage accounts', 'SQL databases', 'Azure Cosmos DB', 'Kubernetes services', and 'More services'. Below this, the 'Resources' section is visible, showing a table of recent resources. The table has columns for Name, Type, and Last Viewed. The resources listed are 'virtualmachine' (Virtual machine, viewed a minute ago), 'swetha' (Resource group, viewed 3 minutes ago), and 'vm' (Virtual machine, viewed 57 minutes ago). The 'Navigate' section shows links to Subscriptions, Resource groups, All resources, and Dashboard. The 'Tools' section includes links to Microsoft Learn, Azure Monitor, Microsoft Defender for Cloud, and Cost Management.

Name	Type	Last Viewed
virtualmachine	Virtual machine	a minute ago
swetha	Resource group	3 minutes ago
vm	Virtual machine	57 minutes ago