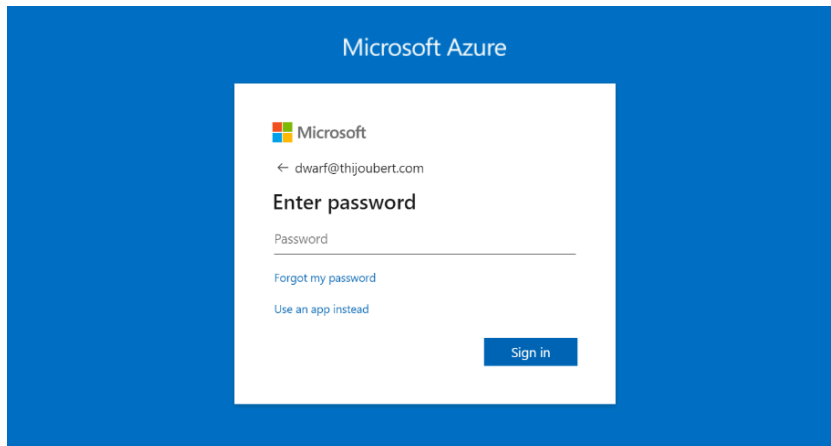


How to Create a Virtual Machine in Azure

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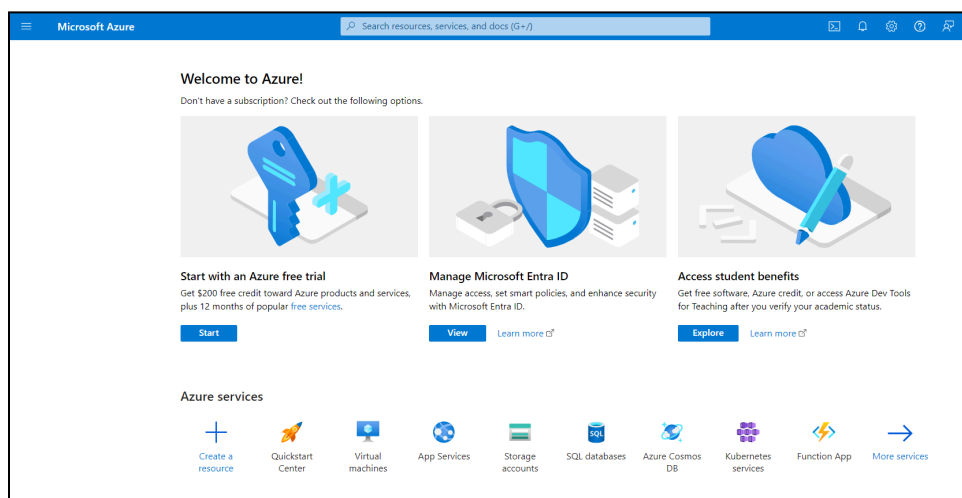
Step 1: Sign in to Azure Portal

1. Go to the [Azure Portal](#).
2. Sign in with your Azure account credentials.



Step 2: Navigate to Virtual Machines

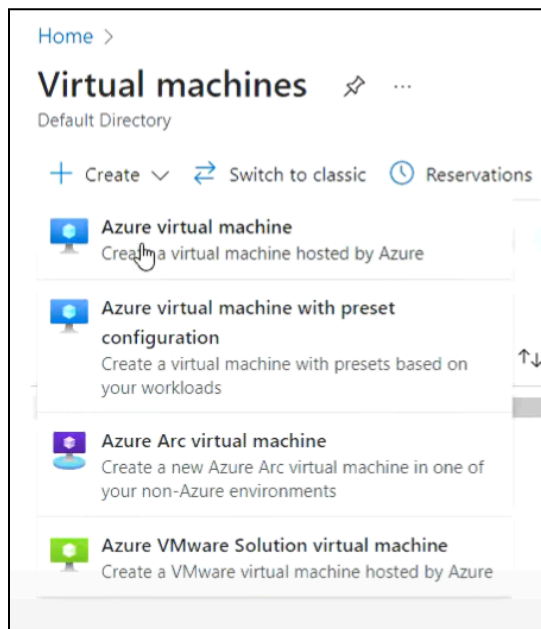
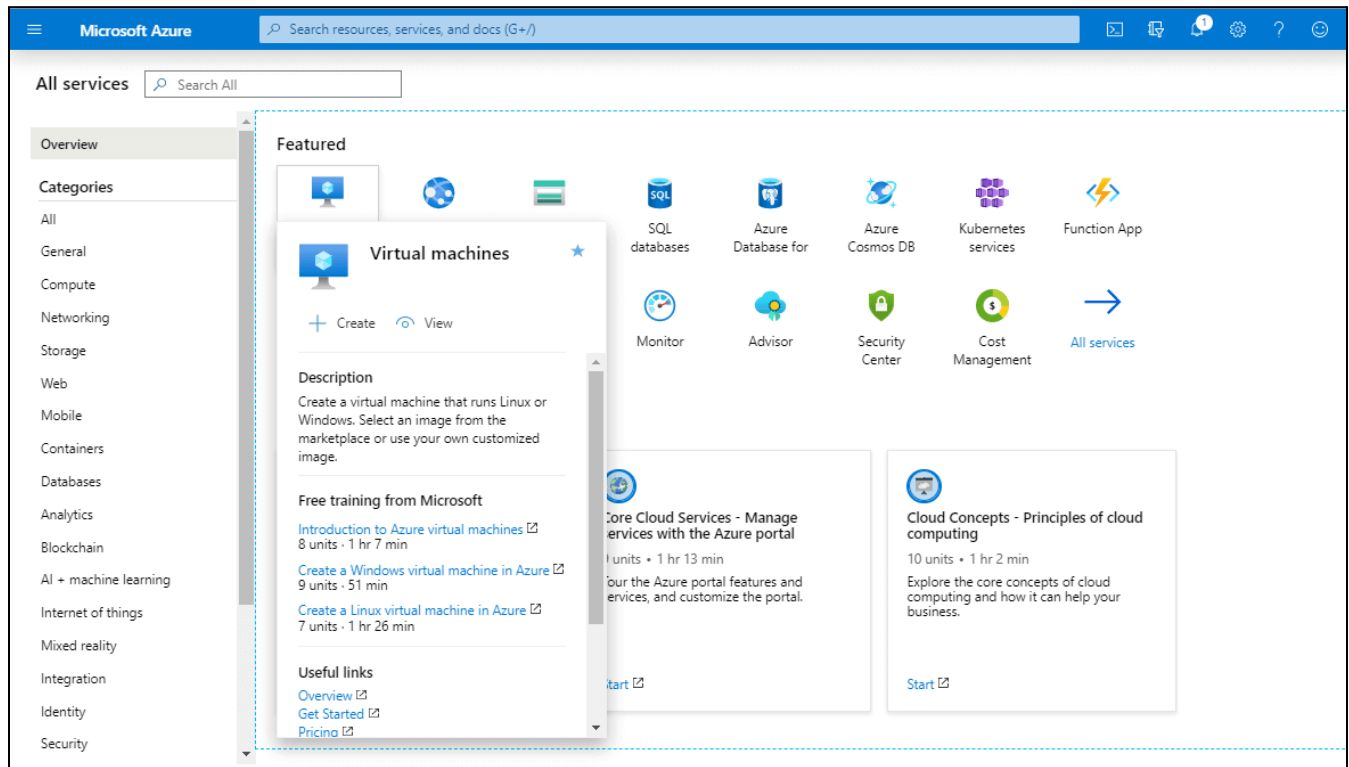
1. In the Azure portal, select "**Virtual Machines**" from the Azure services.



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Step 3: Create a New Virtual Machine

1. Click on the "Create" button, then select "Azure Virtual Machine".



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Step 4: Configure Basic Settings

1. **Subscription:** Select your subscription.
2. **Resource Group:** Choose an existing one or create a new resource group.

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Basics' tab. The page has a blue header with the Microsoft Azure logo, a search bar, and user information. Below the header, there are three help buttons: '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 'Basics' tab is selected, showing instructions to create a VM running Linux or Windows. Under 'Project details', the 'Subscription' is set to 'Simplilearn HOL 100491' and the 'Resource group' is 'ODL-azure-1439289'. At the bottom, there are navigation buttons: '< Previous', 'Next : Disks >', and 'Review + create'.

3. **Virtual Machine Name:** Enter a name for your VM.
4. **Region:** Select the region where you want to host the VM.

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Instance details' tab. The page has the same blue header as the previous screenshot. Below the header, there are three help buttons. The 'Instance details' section contains the following fields: 'Virtual machine name' (set to 'ubuntu-linux'), 'Region' (set to '(US) West US 2'), 'Availability options' (set to 'Availability zone'), and 'Zone options' (with 'Self-selected zone' selected). Below these, the 'Availability zone' is set to 'Zone 1'. At the bottom, there are navigation buttons: '< Previous', 'Next : Disks >', and 'Review + create'.

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5. Image: Choose the OS (e.g., Windows Server 2019, Ubuntu).

Microsoft Azure

Search resources, services, and docs (G+)

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odl_user_1439289@sim...
SIMPLILEARN HOL 100491 (SIMP...

Home >

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

get azure. [Learn more](#)

Security type ☐ Trusted launch virtual machines
[Configure security features](#)

Image * ☐ Ubuntu Server 20.04 LTS - x64 Gen2
[See all images](#) | [Configure VM generation](#)

VM architecture ☐ Arm64
☒ x64

Run with Azure Spot discount ☐

Size * ☐ Standard_B2s - 2 vcpus, 4 GiB memory (Price unavailable)
[See all sizes](#)

i Item(s) availability based on policy assignment(s) for the selected scope.
azure14123-PolicyDefinition ([Policy details](#))

< Previous | Next : Disks > | Review + create

[Give feedback](#)

6. Key pair: Create a keypair for the VM machine

Microsoft Azure

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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

Key pair name * ubuntu-linux_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)

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

< Previous | Next : Disks > | Review + create

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7. **Size:** Select the VM size based on your requirements.

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Home >

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 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

OS disk type

Delete with VM ☒

Key management

< Previous | Next : Networking > | **Review + create**

[Give feedback](#)

Step 5: Review and Create

1. Review all configurations.
2. Click on "**Review + create**".

The VM is now created and ready for use. Regularly monitor and maintain your virtual machine to keep it running smoothly and securely.