

# Create and Connect to an Azure Virtual Machine

The screenshot shows the Microsoft Azure portal interface. In the top navigation bar, there is a search bar labeled "Search resources, services, and docs (G+/-)" and a Copilot button. On the right, it shows the user's email "viveklogesh12@gmail.com" and "MICROSOFT LEARN SANDBOX".

The main area is titled "Azure services" and features a "Create a resource" button, "Resource groups", "App Services", "Policy", and "Virtual machines" button, which is highlighted with an orange circle.

Below this is a "More services" button with an arrow icon and a "Resources" section. The "Recent" tab is selected, showing a single item: "[?] learn-7597bbbc-a2d4-4899-9bde-e76b8bb783b1" under the "Resource groups" type. There is also a "See all" link.

The "Virtual machines" blade is open on the right. It has a "Create" button and a "View" button. Below these are sections for "Description" and "Free training from Microsoft". The "Description" section explains how to create a virtual machine running Linux or Windows using a marketplace image or a customized image. It includes a "Learn more with Copilot" link. The "Free training from Microsoft" section lists three training modules: "Introduction to Azure virtual machines" (8 units, 1 hr 7 min), "Create a Windows virtual machine in Azure" (9 units, 51 min), and "Create a Linux virtual machine in Azure" (7 units, 1 hr 26 min).

The screenshot shows the Microsoft Azure portal interface, specifically the "Compute infrastructure | Virtual machines" blade. The top navigation bar includes a search bar, a Copilot button, and a "Create a replica from the VM list" button.

The left sidebar has a "Search" input field and categories: "Overview", "All resources", "Infrastructure" (expanded), "Virtual machines" (selected and highlighted with an orange circle), "Virtual Machine Scale Set (VMSS)", "Compute Fleet", "Disks + images" (expanded), "Custom images", "Disks", and "Snapshots".

The main content area is titled "Virtual machines" and "Get started". It features a "Create" button (highlighted with an orange circle), "Switch to classic", "Reservations", "Manage view", "Refresh", and a "..." button. A message indicates "You are viewing a new version of Browse experience. Click here to access the old experience." Below this are filter options: "Subscription equals all", "Type equals all", "Resource Group equals all" (with a close button), and "Location equals all".

A large monitor icon with a 3D cube on it is displayed on the right side of the blade.

The screenshot shows the Microsoft Azure Compute Infrastructure Virtual machines page. The left sidebar has a navigation menu with the following items:

- Overview
- All resources
- Infrastructure
  - Virtual machines (selected)
  - Virtual Machine Scale Set (VMSS)
  - Compute Fleet
- Disks + images
  - Custom images
  - Disks
  - Snapshots
  - Disk encryption sets

The main content area displays three options:

- Virtual machine**: Best for lower-traffic workloads, testing, or to control or highly customize apps, OS, or file system. If your workload or traffic starts to grow, a VM can later be attached to a Virtual Machine Scale Set (VMSS).
- Virtual machine scale set (VMSS)**: Built-in scaling, performance optimization, load balancing, and batch management for 1 to 1,000 VMs (no added cost). Include multiple VM sizes, zones, regions, and domains, along with discounted Spot VMs.
- Presets**: Create a pre-configured VM designed to optimize

2

1. Open the form for creating a new resource.
2. Select your subscription.
3. Choose an existing resource group or create a new one.
4. Enter a name for the virtual machine.
5. Select a region (for example, Central US).
6. Under Image, choose Ubuntu Server 24.04 LTS – x64 Gen2.
7. For hosting services, select Ubuntu 22.04 LTS as the OS.
8. Under Authentication type, choose Password.
9. Enter a username and set the password.
10. In Inbound port rules, enable:
  - SSH (22)
  - HTTP (80)
11. From the list of options, select None under "Allow selected ports."
12. Click Next: Disks >.
13. Click Next: Networking >.
14. Select or create a virtual network, e.g., (new) webVM-vnet.

## Create a virtual machine

Help me create a low cost VM | Help me create a VM optimized for high availability +1

**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](#)

**Project details**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* Concierge Subscription (66934742-a2f4-4f94-ad7b-07a47d83d2bc)

Resource group \* (New) Resource group 

[Create new](#)

**Instance details**

Virtual machine name \*

Region \* (US) West US [Deploy to an Azure Extended Zone](#)

Availability options No infrastructure redundancy required

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

Image \* Ubuntu Server 24.04 LTS - x64 Gen2

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

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Subscription \* Concierge Subscription (66934742-a2f4-4f94-ad7b-07a47d83d2bc)

Resource group \* (New) Resource group 

[Select existing...](#) 

**Instance details**

Virtual machine name \* learn-9ff1d093-7051-445c-acda-e28a3732b008 

Region \* (US) West US [Deploy to an Azure Extended Zone](#)

Availability options No infrastructure redundancy required

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

Image \* Ubuntu Server 24.04 LTS - x64 Gen2

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

**Create a virtual machine**

for full customization. Learn more [?](#)

**Project details**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* [Concierge Subscription \(66934742-a2f4-4f94-ad7b-07a47d83d2bc\)](#)

Resource group \* [learn-9ff1d093-7051-449c-acda-e28a3732b008](#)

Create new

**Instance details**

Virtual machine name \*

Region \* [\(US\) West US](#)

Deploy to an Azure Extended Zone

Availability options [No infrastructure redundancy required](#)

Security type [Trusted launch virtual machines](#)

Configure security features

Image \* [Ubuntu Server 24.04 LTS - x64 Gen2](#)

See all images | Configure VM generation

VM architecture  x64

Arm64

**Help me create a low cost VM** **Help me create a VM optimized for high availability** +1

**Create a virtual machine**

Home > Compute infrastructure | Virtual machines >

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

Copilot

viveklogesh12@gmail.com MICROSOFT LEARN SANDBOX

resource group [learn-9ff1d093-7051-449c-acda-e28a3732b008](#)

Create new

**Instance details**

Virtual machine name \*  webVM

Region \* [\(US\) West US](#)

Deploy to an Azure Extended Zone

Availability options [No infrastructure redundancy required](#)

Security type [Trusted launch virtual machines](#)

Configure security features

Image \* [Ubuntu Server 24.04 LTS - x64 Gen2](#)

See all images | Configure VM generation

VM architecture  x64

Arm64

Run with Azure Spot discount

Size \* [Standard\\_D2s\\_v3 - 2 vcpus, 8 GiB memory \(\\$85.41/month\)](#)

See all sizes

Item(s) availability based on policy assignment(s) for the selected scope.

**Help me create a low cost VM** **Help me create a VM optimized for high availability** +1

**Create a virtual machine**

Help me create a low cost VM | Help me create a VM optimized for high availability | +1

Resource group:  Create new

**Instance details**

Virtual machine name \*: webVM

Region \*: (US) West US

Availability options:

- cent (selected)
- Recommended (highlighted)
- (US) Central US
- (Asia Pacific) Central India
- (Asia Pacific) Korea Central
- (Canada) Canada Central
- (Europe) France Central
- Other
- (US) South Central US
- (US) North Central US
- (US) West Central US
- (Asia Pacific) Australia Central
- Ineligible

Size \*: Zone 1

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

Availability zone \*: Zone 1

Security type: Trusted launch virtual machines

Image \*: Ubuntu Server 24.04 LTS - x64 Gen2 (selected)

VM architecture:

- Arm64
- x64 (selected)

Run with Azure Spot discount:

Size \*: Standard\_D2s\_v3 - 2 vcpus, 8 GiB memory (\$80.30/month)

See all sizes

Item(s) availability based on policy assignment(s) for the selected scope.  
1ba712d0-8089-7ba5-e106-fe759dfda658/Microsoft.Authorization/vm-assignment  
(Policy details)

< Previous | Next : Disks > | Review + create | Give feedback

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

Home > Compute infrastructure | Virtual machines >

### Create a virtual machine

Recently used

- Ubuntu Server 24.04 LTS - x64 Gen2
- Ubuntu Server 24.04 LTS - x64 Gen2
- Ubuntu Server 22.04 LTS - x64 Gen2
- Ubuntu Pro 24.04 LTS - x64 Gen2
- SUSE Linux Enterprise Server 15 SP5 + Patching - x64 Gen2
- Oracle Linux 8.10 (LVM) - x64 Gen2
- Red Hat Enterprise Linux 9.4 (LVM) - x64 Gen2
- Red Hat Enterprise Linux 8.10 (LVM) - x64 Gen2

Availability options ⓘ

Zone options ⓘ

Availability zone \* ⓘ

Security type ⓘ

Image \* ⓘ

VM architecture ⓘ

Run with Azure Spot discount ⓘ

Size \* ⓘ

See all images | Configure VM generation

Standard\_D2s\_v3 - 2 vcpus, 8 GiB memory (\$80.30/month)

See all sizes

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

Home > Compute infrastructure | Virtual machines >

### Create a virtual machine

(Policy details)

Enable Hibernation ⓘ

Administrator account

Authentication type ⓘ

SSH public key

Username \* ⓘ

SSH public key source

SSH Key Type

RSA SSH Format

Key pair name \*

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Home > Compute infrastructure | Virtual machines >

## Create a virtual machine

(Policy details)

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

Username \* ⓘ

The value must not be empty.  
Username must only contain letters, numbers, hyphens, and underscores and may not start with a hyphen or number.  
The value must be between 1 and 64 characters long.

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

**Create a virtual machine**

(Policy details)

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

Username \* ⓘ

✓ Username must only contain letters, numbers, hyphens, and underscores and may not start with a hyphen or number.  
✓ Usernames must not include reserved words.  
✓ The value is in between 1 and 64 characters long.

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 \*

⚠ 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 a virtual machine**

(Policy details)

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

**Administrator account**

Authentication type  Password

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 \*  Allow selected ports

Select inbound ports \*  ▼

**⚠ 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.

---

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

**Administrator account**

Authentication type  Password

Username \*  ✓

Password \*  ✓

Confirm password \*  ✓

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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.

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< Previous

Next : Disks >

**Review + create**

 Give feedback

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

Username \* ⓘ

azureuser

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 \*

SSH (22)  
HTTP (80)  
HTTPS (443)  
SSH (22)

< Previous Next : Disks > Review + create Give feedback

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

Username \* ⓘ

azureuser

Password \* ⓘ

\*\*\*\*\*

Confirm password \* ⓘ

\*\*\*\*\*

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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), SSH (22)  
HTTP (80)  
HTTPS (443)  
SSH (22)

< Previous Next : Disks > Review + create Give feedback

Enable Hibernation ⓘ

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Password \*

\*\*\*\*\*

Confirm password \*

\*\*\*\*\*

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None  
 Allow selected ports

Select inbound ports \*

HTTP (80), HTTPS (443), SSH (22)

HTTP (80)  
 HTTPS (443)  
 SSH (22)

< Previous Next : Disks > Review + create Give feedback

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

**Administrator account**

Authentication type ⓘ

SSH public key  
 Password

Username \* ⓘ

azureuser

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), HTTPS (443), 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.

< Previous Next : Disks > Review + create Give feedback

Encryption at host

i Encryption at host is not registered for the selected subscription. [Learn more](#)

**OS disk**

OS disk size <input type="checkbox"/>	Image default (30 GiB)
OS disk type * <input type="checkbox"/>	Premium SSD (locally-redundant storage)
Delete with VM <input checked="" type="checkbox"/>	
Key management <input type="checkbox"/>	Platform-managed key
Enable Ultra Disk compatibility <input type="checkbox"/>	

**Data disks for webVM**

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 <input type="checkbox"/>
Create and attach a new disk <a href="#">Attach an existing disk</a>					

i Advanced

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

Home > Compute infrastructure | Virtual machines > MICROSOFT LEARN SANDBOX

## Create a virtual machine

[Help me create a low cost VM](#) [Help me create a VM optimized for high availability](#) [+1](#)

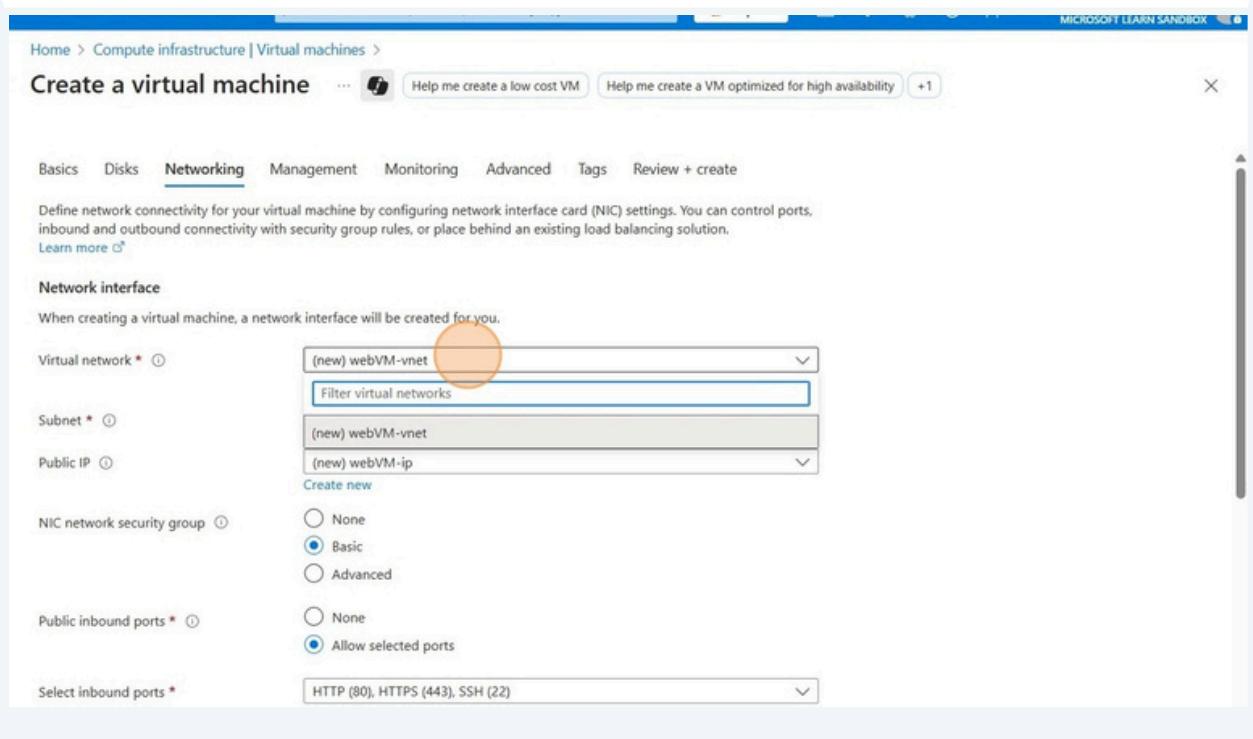
[Basics](#) [Disks](#) [Networking](#) [Management](#) [Monitoring](#) [Advanced](#) [Tags](#) [Review + create](#)

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 * <input type="checkbox"/>	(new) webVM-vnet <span style="color: #0078D4;">i</span>
Subnet * <input type="checkbox"/>	(new) default (10.0.0.0/24)
Public IP <input type="checkbox"/>	(new) webVM-ip <span style="color: #0078D4;">i</span>
NIC network security group <input type="checkbox"/>	<input type="radio"/> None <input checked="" type="radio"/> Basic <input type="radio"/> Advanced
Public inbound ports * <input type="checkbox"/>	<input type="radio"/> None <input checked="" type="radio"/> Allow selected ports
Select inbound ports *	HTTP (80), HTTPS (443), SSH (22)



3

- Define network connectivity by configuring network interface card (NIC) settings.
- Open NIC network security group to review or adjust inbound/outbound rules.
- Click Next: Management >.
- Click Next: Monitoring >.
- Review monitoring options, then proceed.
- If needed, click Cancel to exit, or continue.
- Click Next: Advanced >.
- Click Review + create.
- Verify Monitoring settings by selecting the monitoring icon.
- Confirm configuration and click Review + create again.
- Ensure Region is set to Central US.
- When prompted, select Yes.
- Click Create to deploy the virtual machine.

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

Configure monitoring options for your VM.

**Alerts**

Enable recommended alert rules

Alert rules **Alert rules not configured**  
Configure

**Diagnostics**

Boot diagnostics  Enable with managed storage account (recommended)   
 Enable with custom storage account  
 Disable

Enable OS guest diagnostics

**Health**

Enable application health monitoring

< Previous Next : Advanced > **Review + create** 

**Performance (NVMe)**

Enable capabilities to enhance the performance of your resources.

Higher remote disk storage performance  The selected size is not supported for NVMe. See supported size families

**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  No host groups found

**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  None

**Proximity placement group**

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

Proximity placement group  No proximity placement groups found

< Previous Next : Tags > **Review + create** 

The screenshot shows the 'Create a virtual machine' configuration page. At the top, a green bar indicates 'Validation passed'. Below it, there are three main sections: 'Advanced', 'Monitoring', and 'Advanced' again. Under the first 'Advanced' section, there are several configuration options: Auto-shutdown (Off), Enable periodic assessment (Off), Enable hotpatch (Off), Patch orchestration options (Azure-orchestrated patching (preview): patches will be installed by Azure), and Reboot setting (Reboot if required). The second 'Advanced' section contains: Alerts (Off), Boot diagnostics (On), Enable OS guest diagnostics (Off), and Enable application health monitoring (Off). The third 'Advanced' section includes: Extensions (None), VM applications (None), Cloud init (No), User data (No), Disk controller type (SCSI), Proximity placement group (None), and Capacity reservation group (None). At the bottom, there are navigation buttons: '< Previous', 'Next >', and a blue 'Create' button, which is circled in orange. To the right of the 'Create' button are links for 'Download a template for automation' and 'Give feedback'.

- 4 Click "Initializing deployment..."  
Click "Deployment is in progress"  
Click "Microsoft Defender for CloudSecure your apps and infrastructureGo to Microsoft Defender for Cloud >Free Microsoft tutorialsStart learning today ..."  
Click "Go to resource"

The screenshot shows the 'Create a virtual machine' configuration page. A green bar at the top indicates 'Validation passed'. The configuration sections are identical to the previous screenshot. A modal window titled '... Initializing deployment...' is open in the top right corner. It displays the message 'Initializing template deployment to resource group 'learn-9ff1d093-7051-449c-acda-e28a3732b008''. The 'Create' button at the bottom is also circled in orange.

**Deployment is in progress**

Deployment name: CreateVm-canonical.0001-co... Start time: 8/23/2025, 9:56:24 AM  
Subscription: Concierge Subscription (66934742...) Correlation ID: 05e3b352-80ba-41...  
Resource group: learn-9ff1d093-7051-449c-acda...

**Deployment details**

Resource	Type	Status	Operatio...
webVM	Microsoft.Compute/vir...	Created	Operati...
webvm586_z1	Microsoft.Network/net...	Created	Operati...
webVM-vnet	Microsoft.Network/virt...	OK	Operati...
webVM-ip	Microsoft.Network/pu...	OK	Operati...
webVM-nsg	Microsoft.Network/net...	OK	Operati...

**Give feedback**  
 Tell us about your experience with deployment

**Your deployment is complete**

Deployment name: CreateVm-canonical.0001-co... Start time: 8/23/2025, 9:56:24 AM  
Subscription: Concierge Subscription (66934742...) Correlation ID: 05e3b352-80ba-41...  
Resource group: learn-9ff1d093-7051-449c-acda...

**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 >](#)

- 5** Click "Resource group"  
Click "Location"  
Click "Connect"

The screenshot shows the Microsoft Azure portal interface for a virtual machine named 'webVM'. The 'Overview' tab is selected. At the top right, there is a 'Connect' button with a dropdown arrow, which is highlighted with a red circle. The 'Essentials' section displays various details about the VM, such as its resource group, operating system, size, and creation date. The 'Properties' tab is also visible at the bottom.

This screenshot is similar to the one above, but the 'Connect via Bastion' option in the dropdown menu of the 'Connect' button is highlighted with a red circle. The rest of the VM details and tabs are identical to the first screenshot.

- 6 Click here.  
Click "VM accessCheck inbound NSG rules"

**Source machine**

Source machine OS ⓘ Windows

Source IP address ⓘ Local IP range | 210.16.0.0/16

**Destination VM**

VM IP address ⓘ Public IP | 20.84.163.244

VM port ⓘ 22

**Connection prerequisites**

- Just-in-time (JIT) access ⓘ Unable to determine if JIT access is enabled for this subscription. Please attempt to configure. [More error details](#)
- VM access ⓘ Check inbound NSG rules

**Configure + Check access**

**SSH command**

Execute in your choice of local shell

ssh azureuser@20.84.163.244

Forgot password? [Reset password](#)

**Edit settings**

**More ways to connect (4)**

**Source machine**

Source machine OS ⓘ Windows

Source IP address ⓘ Local IP range | 210.16.0.0/16

**Destination VM**

VM IP address ⓘ Public IP | 20.84.163.244

VM port ⓘ 22

**Connection prerequisites**

- Just-in-time (JIT) access ⓘ
- VM access ⓘ

**Configure + Check access**

**SSH command**

Execute in your choice of local shell

Forgot password? [Reset password](#)

**Edit settings**

**More ways to connect (4)**

7 Switch to tab Deployed-ChatApp-on-Azure-VM/ at main · Akash2king/Deployed-ChatApp-on-Azure-VM"

8 Click "mainBreadcrumbsDeployed-ChatApp-on-Azure-VMDeployed-ChatApp-on-Azure-VMdirectory actionsAdd fileAdd fileMore options" Click this button. Click "mainBreadcrumbsDeployed-ChatApp-on-Azure-VMDeployed-ChatApp-on-Az

ure-VMDirectory actionsAdd fileAdd fileMore options" Click this icon.

Akash2king / Deployed-ChatApp-on-Azure-VM

Type  to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main Deployed-ChatApp-on-Azure-VM /

Go to file Add file ...

Akash2king Add initial HTML structure for chat application 155ddff · 12 hours ago History

Name	Last commit message	Last commit date
templates	Add initial HTML structure for chat application	12 hours ago
README.md	Initial commit	12 hours ago
app.py	Create app.py	12 hours ago

README.md

Deployed-ChatApp-on-Azure-VM

Akash2king / Deployed-ChatApp-on-Azure-VM

Type  to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main Deployed-ChatApp-on-Azure-VM /

Go to file Add file ...

Akash2king Add initial HTML structure for chat application 155ddff · 12 hours ago History

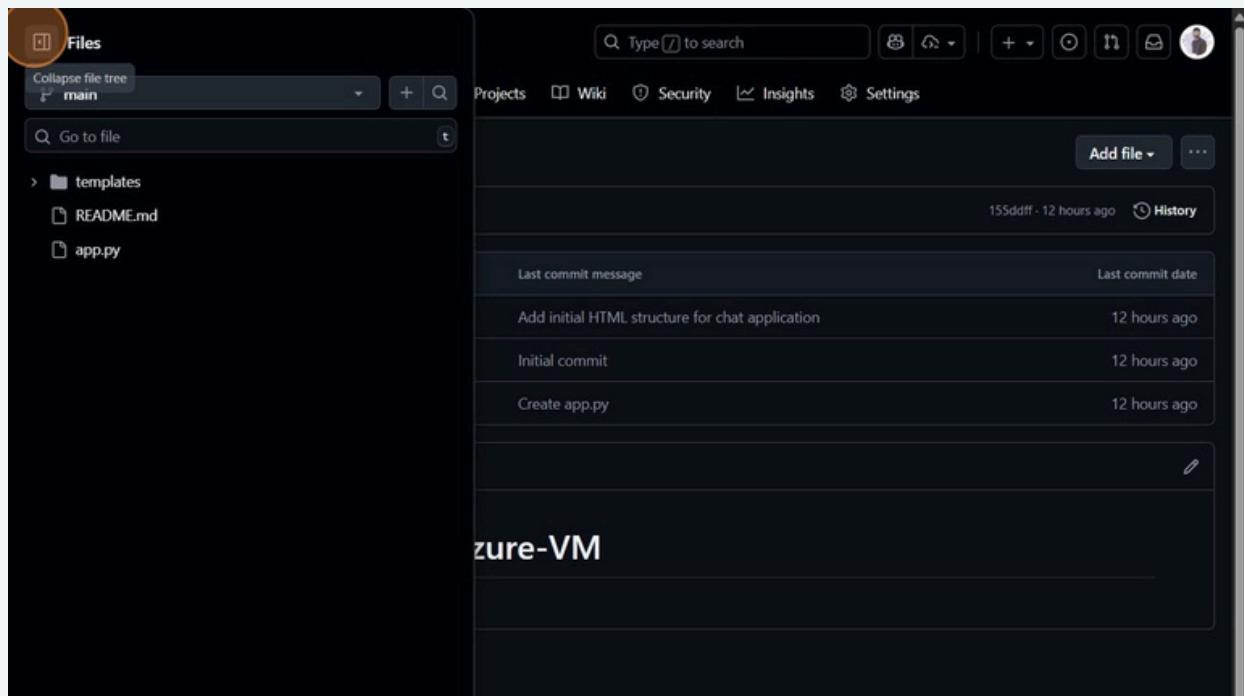
Name	Last commit message	Last commit date
templates	Add initial HTML structure for chat application	12 hours ago
README.md	Initial commit	12 hours ago
app.py	Create app.py	12 hours ago

README.md

Deployed-ChatApp-on-Azure-VM

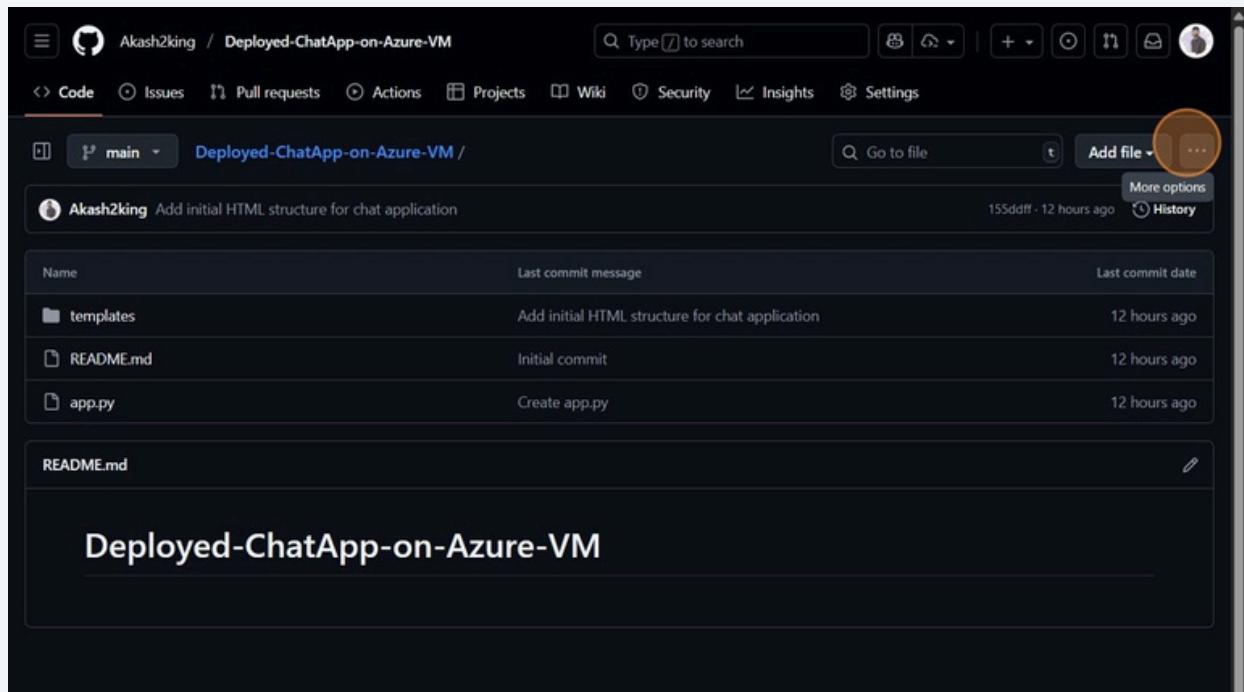
9

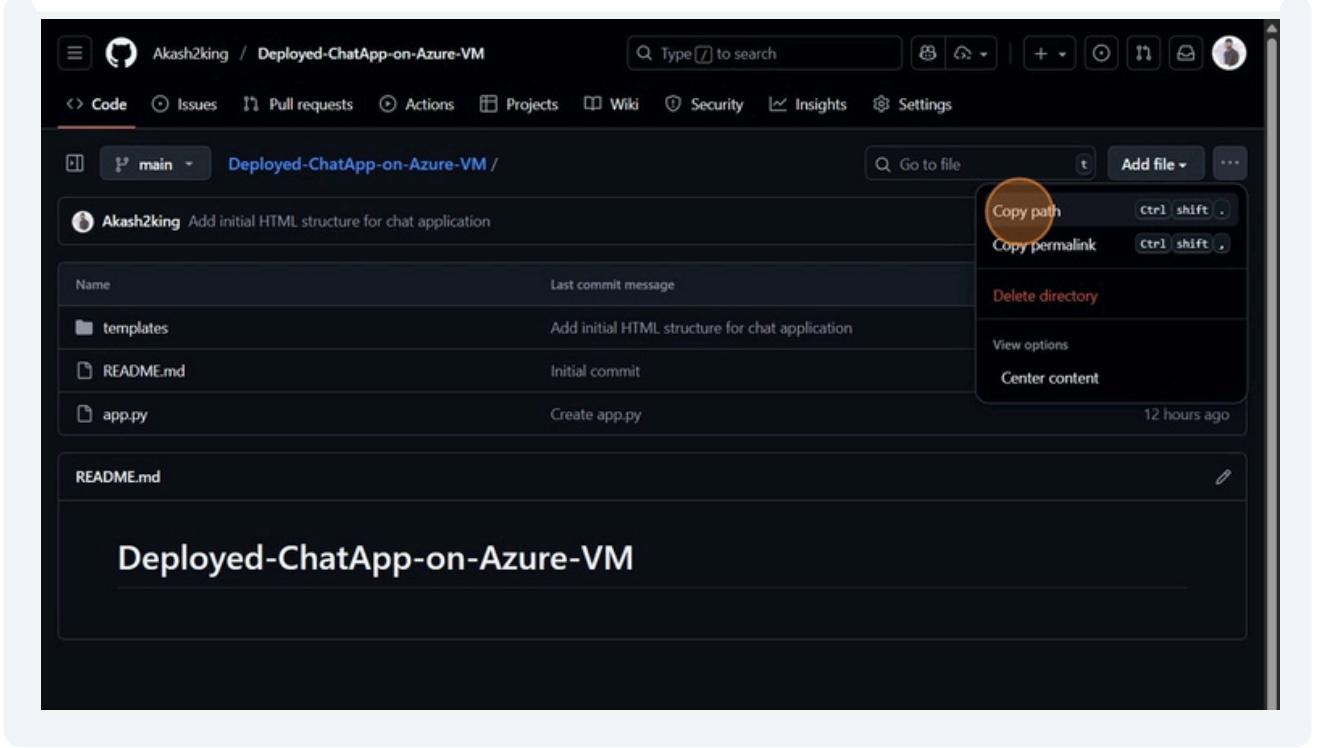
Click this icon.



10

Click this icon.  
Click "Copy path"



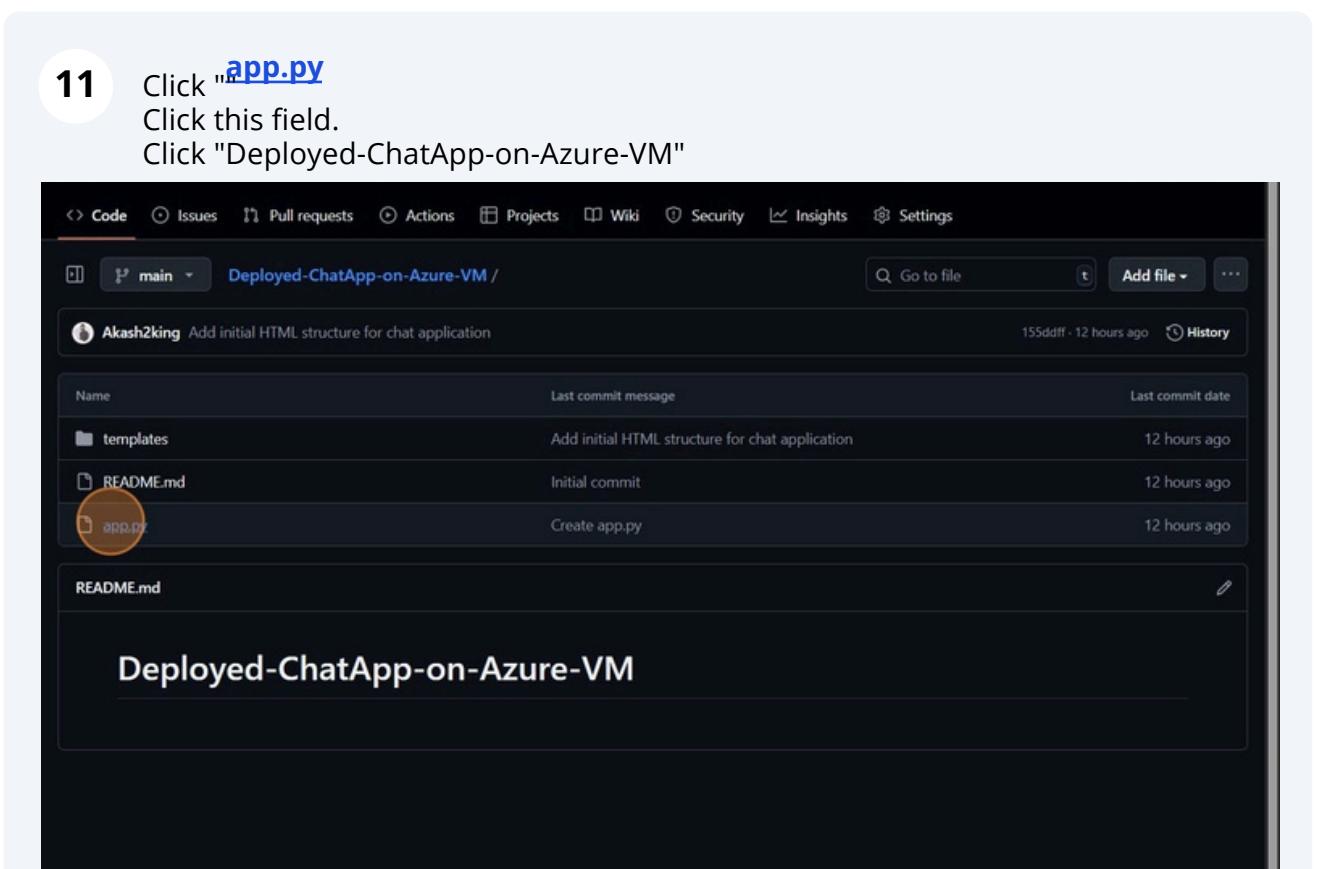


11

Click "[app.py](#)"

Click this field.

Click "Deployed-ChatApp-on-Azure-VM"



The screenshot shows the Microsoft Azure webVM Connect interface for a virtual machine named "webVM". The left sidebar has a "Connect" section highlighted. The main area is titled "Native SSH" and shows the following configuration:

- Source machine**: Source machine OS is Windows, and the Local IP range is 210.16.0.0/16.
- Destination VM**: VM IP address is 20.84.163.244, and VM port is 22.
- Connection prerequisites**: JIT access is disabled, and VM access is checked. A note says "Unable to determine if JIT access is enabled for this subscription. Please attempt to configure. More error details" and "Check inbound NSG rules".
- SSH command**: The command is set to "ssh azureuser@20.84.163.244".

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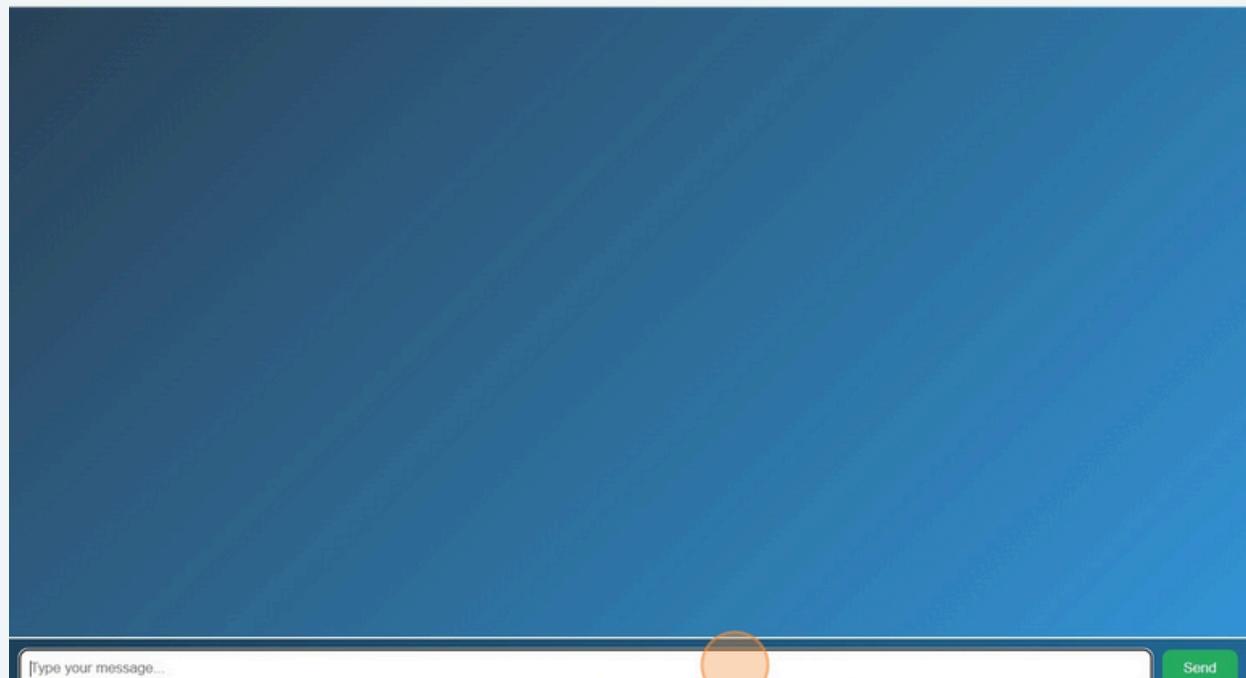
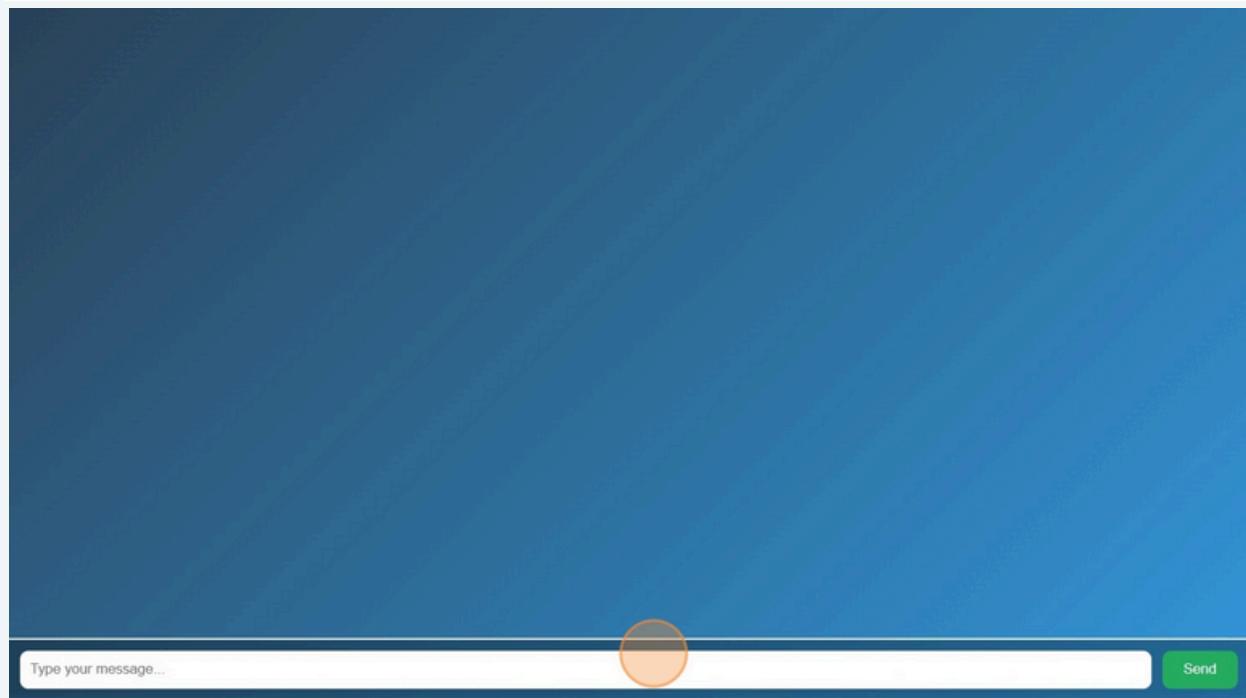
Click "20.84.163.244"

The screenshot shows the Microsoft Azure VM Overview page for the same virtual machine. The left sidebar has a "Connect" section highlighted. The main area shows the following networking details:

- Location: Central US (Zone 1)
- Subscription (move): Concierge Subscription
- Subscription ID: 66934742-a2f4-4f94-ad7b-07a47d83d2bc
- Availability zone: 1
- Public IP address: 20.84.163.244 (highlighted with a yellow circle)
- Virtual network/subnet: webVM-vnet/default
- DNS name: Not configured
- Health state: -
- Time created: 8/23/2025, 4:26 AM UTC

The "Properties" tab is selected, showing the following details:

Virtual machine	Networking
Computer name: webVM	Public IP address: 20.84.163.244 (Network webvm586_z1 interface)
Operating system: Linux (ubuntu 22.04)	Public IP address (IPv6): -
VM generation: V2	Private IP address: 10.0.0.4
VM architecture: x64	Private IP address (IPv6): -
Agent status: Ready	Virtual network/subnet: webVM-vnet/default
Agent version: 2.14.0.1	
Hibernation: Disabled	
Host group: -	



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Type "congrats enter "