

## Create vnet, firewall and bastion -HUBVnet

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

Home > Virtual networks > Create virtual network ...

Basics Security IP addresses Tags Review + create

Azure Virtual Network (VNet) is the fundamental building block for your private network in Azure. VNet enables many types of Azure resources, such as Azure Virtual Machines (VM), to securely communicate with each other, the internet, and on-premises networks. VNet is similar to a traditional network that you'd operate in your own data center, but brings with it additional benefits of Azure's infrastructure such as scale, availability, and isolation.

[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 \* Manohar Subscription

Resource group \* Demo-RG [Create new](#)

**Instance details**

Virtual network name \* INDVnet

Region \* (Asia Pacific) Central India [Deploy to an Azure Extended Zone](#)

Previous Next [Review + create](#)

Microsoft Azure

Search resources, services, and docs (G+)

Home > Virtual networks >

## Create virtual network

Basics Security IP addresses Tags Review + create

via Azure Bastion, your virtual machines do not need a public IP address. [Learn more.](#)

Enable Azure Bastion

Azure Bastion host name

Azure Bastion public IP address \*  [Create a public IP address](#)

### Azure Firewall

Azure Firewall is a managed cloud-based network security service that protects your Azure Virtual Network resources. [Learn more.](#)

Enable Azure Firewall

Azure Firewall name

Subnet name \*

Tier \*

---

[Previous](#) [Next](#) [Review + create](#)



Home > Virtual networks >

## Create virtual network

Basics Security IP addresses Tags Review + create

Enable Azure Firewall

Azure Firewall name

Subnet name \*

Tier \*

Policy \*

[Create new](#)

Azure Firewall public IP address \*

[Create a public IP address](#)

### Azure DDoS Network Protection

Azure DDoS Network Protection is a paid service that offers enhanced DDoS mitigation capabilities via adaptive tuning, attack notification, and telemetry to protect against the impacts of a DDoS attack for all protected resources within this virtual network. [Learn more](#).

Enable Azure DDoS Network Protection

[Previous](#)

[Next](#)

[Review + create](#)

A detailed screenshot of the 'Edit subnet' dialog box within the Azure portal. The dialog is titled 'Edit subnet' and shows configuration options for a subnet named 'tmpsubnet'.

The dialog includes sections for:

- Subnet purpose:** Default
- Name:** tmpsubnet
- IPv4:** Includes an IPv4 address space (10.0.0.0/16), starting address (10.0.0.0), size (/24 (256 addresses)), and subnet address range (10.0.0.0 - 10.0.0.255).
- IPv6:** Includes an IPv6 address space (10.0.0.0/16), starting address (10.0.0.0), size (/24 (256 addresses)), and subnet address range (10.0.0.0 - 10.0.0.255). A note states: "This virtual network has no IPv6 address ranges."
- Private subnet:** A note states: "Private subnets enhance security by not providing default outbound access. To enable outbound connectivity for virtual machines to access the internet, it is necessary to explicitly grant outbound access. A NAT gateway is the recommended way to provide outbound connectivity for virtual machines in the subnet." A checkbox for "Enable private subnet (no default outbound access)" is present.
- Security:** Buttons for "Save" and "Cancel".

At the bottom of the dialog, there are 'Previous', 'Next', and 'Review + create' buttons, along with a "Give feedback" link.

Home &gt; Virtual networks &gt;

## Create virtual network ...

[Basics](#)   [Security](#)   [IP addresses](#)   [Tags](#)   [Review + create](#)

Configure your virtual network address space with the IPv4 and IPv6 addresses and subnets you need. [Learn more](#)

Define the address space of your virtual network with one or more IPv4 or IPv6 address ranges. Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet. [Learn more](#)

+ Add a subnet

10.0.0.0/16		<a href="#">Delete address space</a>	
10.0.0.0	/16		
10.0.0.0 - 10.0.255.255		65,536 addresses	
<hr/>			
Subnets	IP address range	Size	NAT gateway
vmsubnet	10.0.0.0 - 10.0.0.255	/24 (256 addresses)	-
AzureBastionSubnet	10.0.1.0 - 10.0.1.63	/26 (64 addresses)	-
AzureFirewallSubnet	10.0.1.64 - 10.0.1.127	/26 (64 addresses)	-

[Previous](#)[Next](#)[Review + create](#)

Microsoft Azure

Home > Virtual networks >

## Create virtual network ...

Basics Security IP addresses Tags **Review + create**

[View automation template](#)

### Basics

Subscription	Manohar Subscription
Resource Group	Demo-RG
Name	INDVnet
Region	Central India

### Security

Azure Bastion	Enabled
- Name	(New) INDVnet-Bastion
- Public IP Address	(New) indvnet-bastion
Azure Firewall	Enabled
- Name	(New) INDVnet-Firewall (Standard)
- Public IP Address	(New) indvnet-firewall
Azure Firewall Policy	(New) INDVnet-firewall-policy (Standard)
Azure DDoS Network Protection	Disabled

### IP addresses

Address space	10.0.0.0/16 (65,536 addresses)
---------------	--------------------------------

[Previous](#)

[Next](#)

**Create**

Microsoft Azure

Search resources, services, and docs (G+/-)

Copilot

mahe...  
DEFAULT DIRECTORY (MAHESH...)

INDVnet-1737834058109 | Overview

Your deployment is complete

Deployment name : INDVnet-1737834058109  
Subscription : Manohar Subscription  
Resource group : Demo-RG

Start time : 1/26/2025, 1:11:01 AM  
Correlation ID : 40a54b1f-fb7f-47da-b13b-5be225177fd0

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 >](#)

## Create a spoke vnet

Microsoft Azure

Search resources, services, and docs (G+)

Home > Virtual networks >

### Create virtual network

Basics Security IP addresses Tags Review + create

Azure Virtual Network (VNet) is the fundamental building block for your private network in Azure. VNet enables many types of Azure resources, such as Azure Virtual Machines (VM), to securely communicate with each other, the internet, and on-premises networks. VNet is similar to a traditional network that you'd operate in your own data center, but brings with it additional benefits of Azure's infrastructure such as scale, availability, and isolation.

[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 \* Manohar Subscription

Resource group \* azurecidc Create new

**Instance details**

Virtual network name \* spokevnet

Region \* (Asia Pacific) Central India Deploy to an Azure Extended Zone

Previous Next Review + create

Microsoft Azure

Search resources, services, and docs (G+)

Home > Virtual networks >

### Create virtual network

Basics Security IP addresses Tags Review + create

Configure your virtual network address space with the IPv4 and IPv6 addresses and subnets you need. [Learn more](#)

Define the address space of your virtual network with one or more IPv4 or IPv6 address ranges. Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet. [Learn more](#)

+ Add a subnet

Subnets	IP address range	Size	NAT gateway
default	10.10.0.0 - 10.10.0.255	/24 (256 addresses)	-

Add IPv4 address space | ↴

**Edit subnet**

Select an address space and configure your subnet. You can customize a default subnet or select from subnet templates if you plan to add select services later. [Learn more](#)

Subnet purpose Default

Name \* spokesubnet

IPv4

Include an IPv4 address space  10.10.0.0/16 10.10.0.0 - 10.10.255.255

Starting address \* 10.10.0.0

Size  /24 (256 addresses) 10.10.0.0 - 10.10.0.255

Subnet address range

IPv6

Include an IPv6 address space  This virtual network has no IPv6 address ranges.

Private subnet

Private subnets enhance security by not providing default outbound access. To enable outbound connectivity for virtual machines to access the internet, it is necessary to explicitly grant outbound access. A NAT gateway is the recommended way to provide outbound connectivity for virtual machines in the subnet. [Learn more](#)

Enable private subnet (no default outbound access)

Security

Save Cancel Give feedback

Previous Next Review + create

Microsoft Azure

Search resources, service

Home > Virtual networks >

## Create virtual network ...

Basics Security IP addresses Tags **Review + create**

[View automation template](#)

### Basics

Subscription	Manohar Subscription
Resource Group	azurecidc
Name	spokevnet
Region	Central India

### Security

Azure Bastion	Disabled
Azure Firewall	Disabled
Azure DDoS Network Protection	Disabled

### IP addresses

Address space	10.10.0.0/16 (65,536 addresses)
Subnet	spokesubnet (10.10.0.0/24) (256 addresses)

### Tags

Previous

Next

**Create**

Microsoft Azure

spokevnet-1737836137202 | Overview

Your deployment is complete

Deployment name : spokevnet-1737836137202  
Subscription : Manohar Subscription  
Resource group : azurecidc

Start time : 1/26/2023, 1:45:47 AM  
Correlation ID : 7c8d039-0e19-40b5-b387-9c9cb9579ac

Deployment details

Next steps

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

Create a vm in spoke vnet

Microsoft Azure

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

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 \* ⓘ Manohar Subscription

Resource group \* ⓘ Demo-RG Create new

**Instance details**

Virtual machine name \* ⓘ spokevm

Region \* ⓘ (Asia Pacific) Central India

Availability options ⓘ No infrastructure redundancy required

Security type ⓘ Trusted launch virtual machines Configure security features

Image \* ⓘ Windows Server 2022 Datacenter - x64 Gen2 See all images | Configure VM generation

< Previous Next : Disks > Review + create



The taskbar at the bottom of the screen displays several Microsoft application icons, including File Explorer, Task View, Search, Edge browser, Google Chrome, Word, Excel, PowerPoint, and OneNote. A red circle with the number '6' is overlaid on the File Explorer icon.

--

Microsoft Azure

Home > Virtual machines >

## Create a virtual machine

x64  
Arm64 is not supported with the selected image.

Run with Azure Spot discount (?)

Size \* (?) Standard\_B2ms - 2 vcpus, 8 GiB memory (₹5,927.45/month)

Enable Hibernation (?)  
Hibernate is not supported by the size that you have selected. Choose a size that is compatible with Hibernate to enable this feature. [Learn more](#) (?)

**Administrator account**

Username \* (?) manohar

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

---

[< Previous](#) [Next : Disks >](#)

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

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 \*  [Create new](#)

Subnet \*  [Manage subnet configuration](#)

Public IP  [Create new](#)

NIC network security group  None  Basic  Advanced

Public inbound ports \*  None  Allow selected ports

Select inbound ports \*

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

Microsoft Azure

Home > Virtual machines >

## Create a virtual machine

Search resources, services, and docs (G+)

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 B2ms

by Microsoft

[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ

**8.1198 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.

**⚠ You have set RDP 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

Manohar Subscription

< Previous

Next >

**Create**

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Home >

## CreateVm-MicrosoftWindowsServer.WindowsServer-202-20250126014651 | Overview

Deployment

Search

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe... Start time: 1/26/2025, 1:48:04 AM  
Subscription: Manohar Subscription Correlation ID: fe659811-e89e-4aa7-b21d-4837f617f950

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

Install IIS web server on spokevm

The screenshot shows the Microsoft Azure portal interface for a virtual machine named 'spokevm'. The left sidebar navigation includes 'Run command' under the 'Operations' section. The main content area displays a 'Run Command Script' dialog. A message at the top says, 'Now it's possible to execute multiple scripts at the same time, manage their progress and persist execution outputs. Scripts and parameters and PowerShell.' Below this, a note states, 'Run Command uses the VM agent to let you run a script inside this virtual machine. This can be helpful for troubleshooting and recovery details.' A table lists various PowerShell cmdlets with their descriptions. On the right, a large text area shows the PowerShell command being run: 'Install-WindowsFeature -Name Web-Server -IncludeManagementTools'. A 'Run' button is visible below the command. The status bar at the bottom indicates 'Script execution in progress...'.

This screenshot shows the same Microsoft Azure portal interface after the PowerShell command has been executed. The 'Run Command Script' dialog now displays a message: 'Script execution complete'. The PowerShell command 'Install-WindowsFeature -Name Web-Server -IncludeManagementTools' is shown again. Below the command, a table provides detailed results for each step: 'Success', 'Restart Needed', 'Exit Code', and 'Feature Result'. The results show 'True', 'No', 'Success', and '(Common HTTP Features, Default Document, D...)' respectively. A 'Run' button is still present, and the status bar at the bottom indicates 'Script execution complete'.

Create a peering connection

Microsoft Azure

Home > Virtual networks > INDVnet

Virtual networks

Default Directory (maheshkumar009198@gmail.on...)

+ Create Manage view ...

Filter for any field... Name ↗ INDVnet ↗ spokevnet ↗

INDVnet | Peerings Virtual network

Search Add Refresh Export to CSV Delete Sync

Virtual network peering enables you to seamlessly connect two or more virtual networks in Azure. The virtual networks appear as one for connectivity purposes. Learn more ⓘ

Filter by name...

Showing all 0 items

Add a peering to get started

Name ↗ Peering sync status ⓘ Peering state ⓘ Remote virtual network name ⓘ Virtu... ⓘ

Settings Address space Connected devices Subnets Bastion DDoS protection Firewall Microsoft Defender for Cloud Network manager DNS servers Peering Service endpoints Private endpoints Properties Locks Monitoring Alerts Metrics Diagnostic settings

Page 1 of 1 Give feedback

Microsoft Azure

Home > Virtual networks > INDVnet | Peerings >

Add peering ...

INDVnet

Virtual network peering enables you to seamlessly connect two or more virtual networks in Azure. This will allow resources in either virtual network to directly connect and communicate with resources in the peered virtual network.

**Remote virtual network summary**

Peering link name \* INDVnetToSpokevnet

Virtual network deployment model ⓘ  Resource manager  Classic

I know my resource ID ⓘ

Subscription \* Manohar Subscription

Virtual network \* spokevnet (azurecidc)

**Remote virtual network peering settings**

Allow 'spokevnet' to access 'INDVnet'

Allow 'spokevnet' to receive forwarded traffic from 'INDVnet'

Allow gateway or route server in 'spokevnet' to forward traffic to 'INDVnet' ⓘ

Add Cancel

Microsoft Azure

Home > Virtual networks > INDVnet

Virtual networks

Default Directory (maheshkumar0091989@gmail.on...)

+ Create Manage view ...

Filter for any field... Name ↗

INDVnet ... spokevnet ...

INDVnet | Peerings

Virtual network

Search Add Refresh Export to CSV Delete Sync

Virtual network peering enables you to seamlessly connect two or more virtual networks in Azure. The virtual networks appear as one for connectivity purposes. Learn more

Filter by name...

Showing all 1 items

Name	Peering sync status	Peering state	Remote virtual network name	Virtu...
SpokevnetToINDVnet	Fully Synchronized	Connected	spokevnet	Disabled

## Connect to the vm via bastion

Microsoft Azure

Home > Virtual machines > spokevm

Virtual machines

Default Directory (maheshkumar0091989@gmail.on...)

+ Create Switch to classic ...

Filter for any field... Name ↗

spokevm ...

spokevms | Bastion

Virtual machine

Search

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Connect Connect Bastion

Azure Bastion protects your virtual machines by secure and seamless RDP & SSH connectivity without the need to expose them through public IP addresses. Learn more

Using Bastion: INDVnet-Bastion

Provisioning State: Succeeded

Please enter username and password to your virtual machine to connect using Bastion.

Connection Settings

Keyboard Language: English (US)

Authentication Type: VM Password

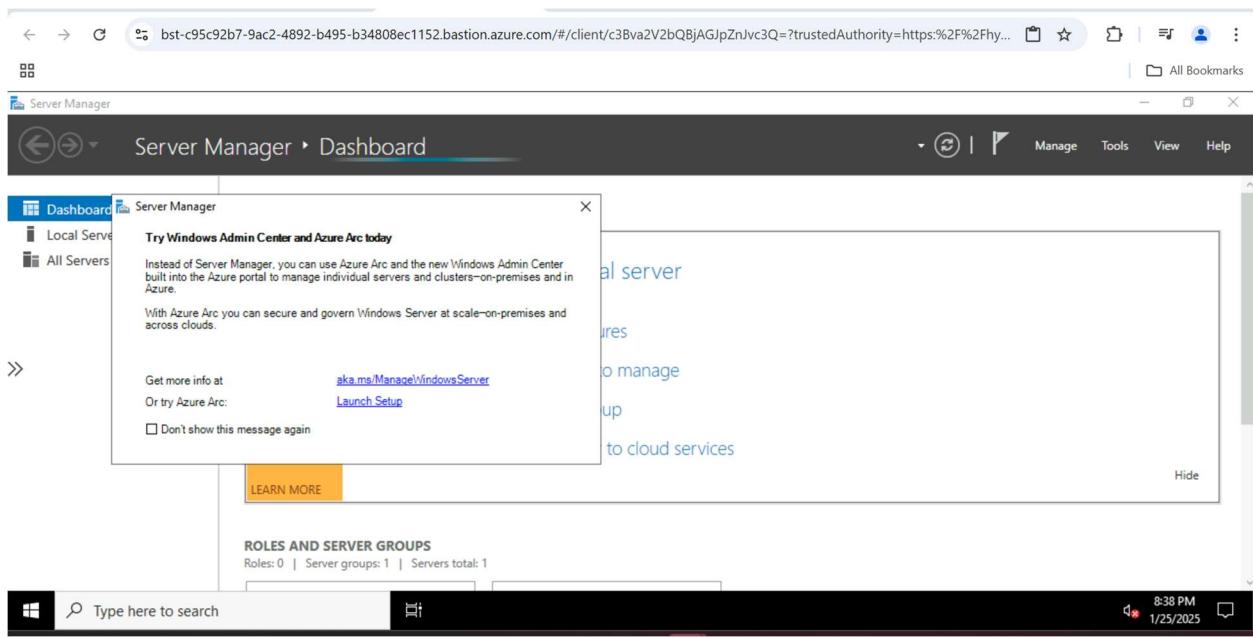
Username: (empty)

VM Password: (empty) Show

Open in new browser tab

Connect

Windows Admin Center Networking Settings Disks Extensions + applications Operating system Configuration Analytics



## Create a route table

Home &gt; Route tables &gt;

## Create Route table

[Basics](#) [Tags](#) [Review + create](#)

### Project details

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

Subscription \* ⓘ

Manohar Subscription

Resource group \* ⓘ

Demo-RG

[Create new](#)

### Instance details

Region \* ⓘ

Central India

Name \* ⓘ

TestRT

Propagate gateway routes \* ⓘ

 Yes  
 No[Previous](#)[Next](#)[Review + create](#)

The screenshot shows the Microsoft Azure portal interface. At the top, there's a blue header bar with the Microsoft Azure logo on the left and a search bar on the right. Below the header, the URL 'Home &gt; Route tables &gt;' is visible, followed by the title 'Create Route table' and a '...' button. A navigation bar below the title includes tabs for 'Basics', 'Tags', and 'Review + create', with 'Review + create' being the active tab.

[View automation template](#)

#### 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.

#### Basics

Subscription	Manohar Subscription
Resource group	Demo-RG
Region	Central India
Name	TestRT
Propagate gateway routes	Yes

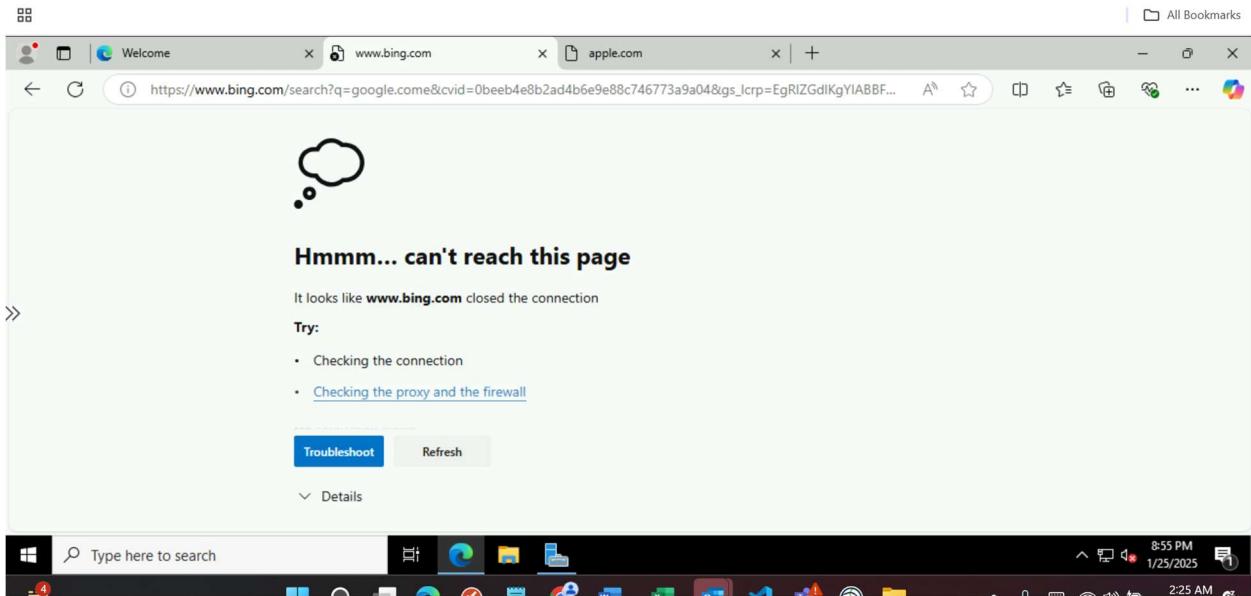
[Previous](#) [Next](#) [Create](#)

The screenshot shows the Microsoft Azure portal interface for a specific route table deployment. The top navigation bar includes the Microsoft Azure logo, a search bar, and a user profile. The main content area displays the 'Overview' tab for a deployment named 'Microsoft.RouteTable-20250126022207'. The deployment status is shown as 'Your deployment is complete' with a green checkmark icon. Deployment details include the name, subscription ('Manohar Subscription'), and resource group ('Demo-RG'). To the right, there are several promotional cards: 'Cost management' (with a link to 'Set up cost alerts'), 'Microsoft Defender for Cloud' (with a link to 'Secure your apps and infrastructure'), 'Free Microsoft tutorials' (with a link to 'Start learning today'), and 'Work with an expert' (with a link to 'Find an Azure expert').

## Create a route

The screenshot shows the Azure portal interface for creating a static route. The left sidebar is for 'TestRT | Routes'. The main area has a search bar and a 'Copilot' button. A modal window titled 'Add route' is open, showing fields for route name ('route0fw'), destination type ('IP Addresses'), destination IP address ('0.0.0.0/0'), next hop type ('Virtual appliance'), and next hop address ('10.0.1.68'). A note says: 'Ensure you have IP forwarding enabled on your virtual appliance. You can enable this by navigating to the respective network interface's IP address settings.' A blue 'Add' button is at the bottom.

The screenshot shows the Azure portal interface for associating a subnet with a route table. The left sidebar is for 'TestRT | Subnets'. The main area has a search bar and a 'Copilot' button. A modal window titled 'Associate subnet' is open, showing fields for 'Virtual network' ('spokevnet (azuredcid)') and 'Subnet' ('spokesubnet'). A blue 'OK' button is at the bottom.

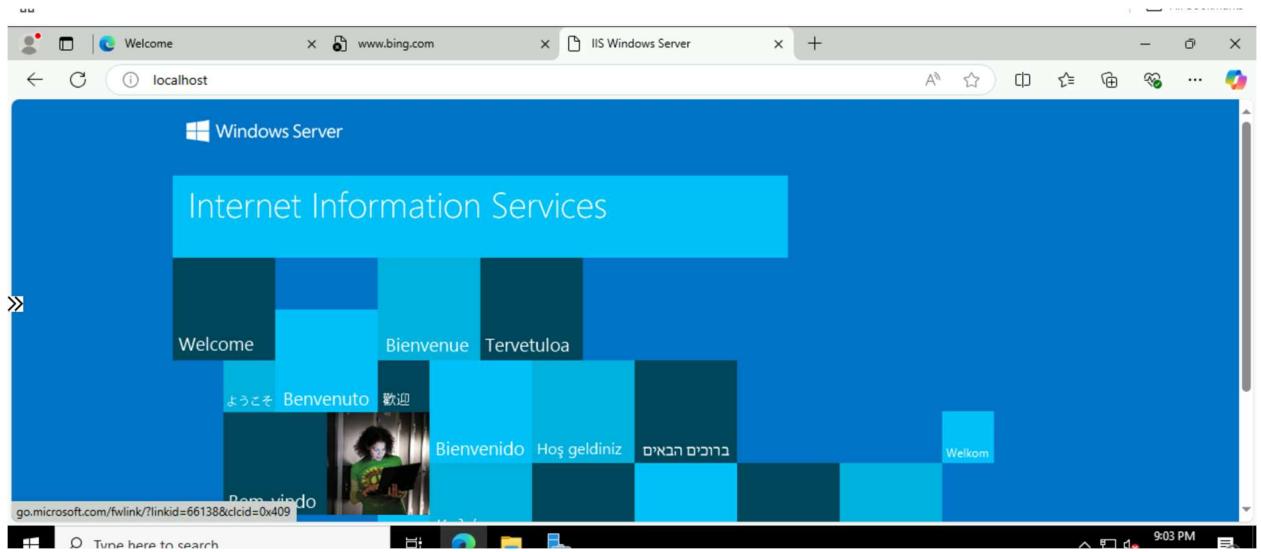


## Diassociate public ip from vm

A screenshot of the Microsoft Azure portal. The left sidebar shows a navigation tree with 'spokevm-ip' selected under 'Virtual machines'. The main pane shows the 'spokevm-ip' public IP address configuration. A modal dialog titled 'Dissociation confirmation' is open, asking if the user wants to permanently dissociate the public IP address from the network interface card. The dialog includes a 'Yes' and 'No' button. The background shows other options like 'Associate to a resource', 'Configure a public IP address', and 'Protect IP address'.

The screenshot shows the Azure portal interface for a virtual machine named 'spokevm'. The left sidebar contains navigation links for Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect (with options for Connect and Bastion), Windows Admin Center, Networking (Network settings, Load balancing, Application security groups, Network manager), Settings (Disks, Extensions + applications), and JSON View. The main content area displays the 'Essentials' section with details like Resource group (Demo-RG), Status (Running), Location (Central India), Subscription (Manohar Subscription), Subscription ID (32ae345-c46e-4708-be87-491dbf8d1da9), Operating system (Windows Server 2022 Datacenter), Size (Standard B2ms (2 vcpus, 8 GiB memory)), Public IP address (-), Virtual network/subnet (spokevnet/spokesubnet), DNS name (-), Health state (-), and Time created (1/25/2025, 8:18 PM UTC). Below this is a 'Tags (edit)' section with an 'Add tags' button. At the bottom, there are tabs for Properties, Monitoring, Capabilities (8), Recommendations, and Tutorials. The 'Properties' tab is selected, showing sections for Virtual machine (Computer name: spokevm, Operating system: Windows Server 2022 Datacenter, VM generation: V2, VM architecture: x64, Agent status: Ready, Agent version: 2.7.41491.1139) and Networking (Public IP address: -, Private IP address (IPv6): -, Private IP address (IPv4): 10.10.0.4, Virtual network/subnet: spokevnet/spokesubnet, DNS name: -).

Connect to the VM again via bastion



Create DNAT rule collection & DNAT rule in firewall

Microsoft Azure

Home > Virtual networks > INDVnet | Firewall > INDVnet-Firewall > INDVnet-firewall-policy

### INDVnet-firewall-policy | DNAT rules

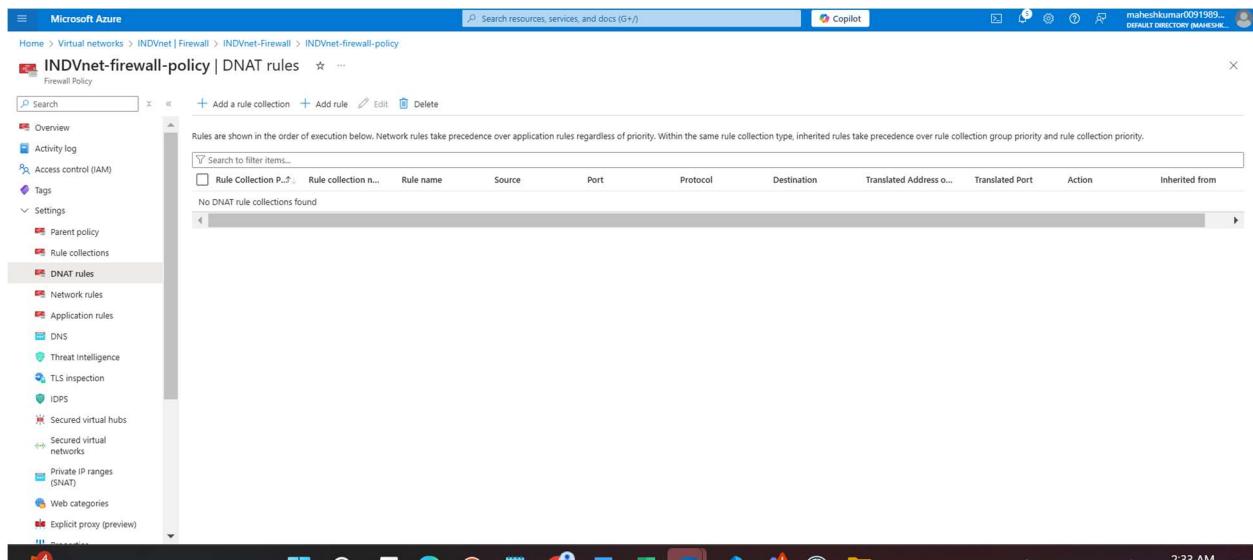
Firewall Policy

Search:  Add a rule collection + Add rule Edit Delete

Rules are shown in the order of execution below. Network rules take precedence over application rules regardless of priority. Within the same rule collection type, inherited rules take precedence over rule collection group priority and rule collection priority.

Rule Collection P..↑	Rule collection n...	Rule name	Source	Port	Protocol	Destination	Translated Address o...	Translated Port	Action	Inherited from
No DNAT rule collections found										

2:33 AM



Microsoft Azure

Home > Virtual networks > INDVnet | Firewall > INDVnet-Firewall > INDVnet-firewall-policy

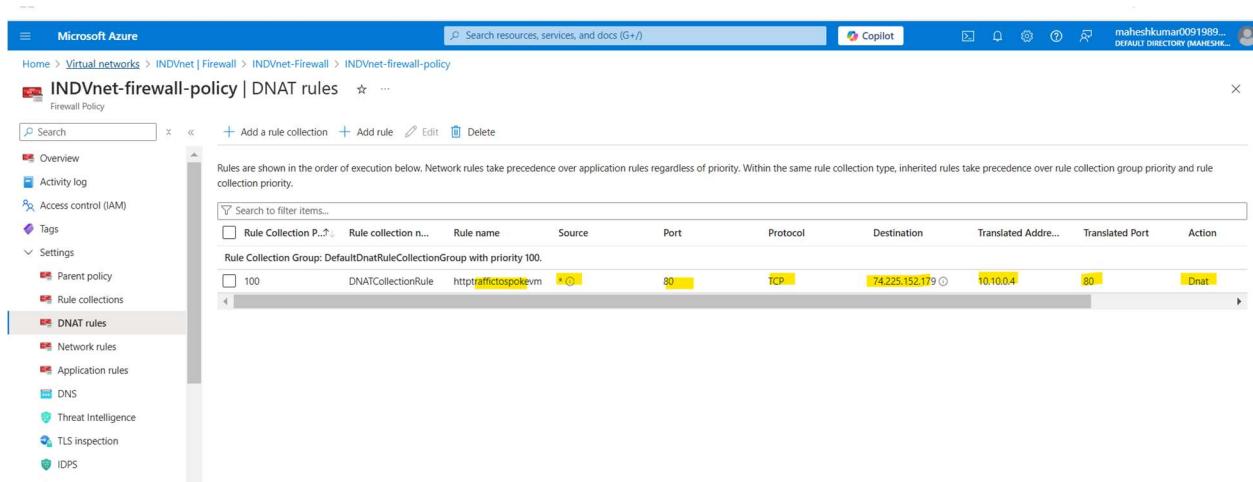
### INDVnet-firewall-policy | DNAT rules

Firewall Policy

Search:  Add a rule collection + Add rule Edit Delete

Rules are shown in the order of execution below. Network rules take precedence over application rules regardless of priority. Within the same rule collection type, inherited rules take precedence over rule collection group priority and rule collection priority.

Rule Collection P..↑	Rule collection n...	Rule name	Source	Port	Protocol	Destination	Translated Address o...	Translated Port	Action
Rule Collection Group: DefaultDnatRuleCollectionGroup with priority 100.									
100	DNATCollectionRule	httptraffictospokevm	80	TCP	74.225.152.179	10.10.0.4	80	Dnat	



Add application collection rule becoz currently internet access is blocked

**Add a rule collection**

Name \* ApplicationRuleCollection

Rule collection type \* Application

Priority \* 100

Rule collection action Allow

Rule collection group \* DefaultApplicationRuleCollectionGroup

**Rules**

Name *	Source type	Source	Protocol *	TLS inspection	Destination Type *	Destination *
AccessWebsites	IP Address	*	http:80, https:443	<input checked="" type="checkbox"/> TLS inspection	FQDN	www.google.com, *
	IP Address	*, 192.168.10.1, 192...	http:80,https:mssql...,	<input checked="" type="checkbox"/> TLS inspection	FQDN	*,*.microsoft.com, ...

mssql: SQL should be enabled in proxy mode. This may require additional configuration. [Learn more](#)

## Allow access to below websites

**INDVnet-firewall-policy | Application rules**

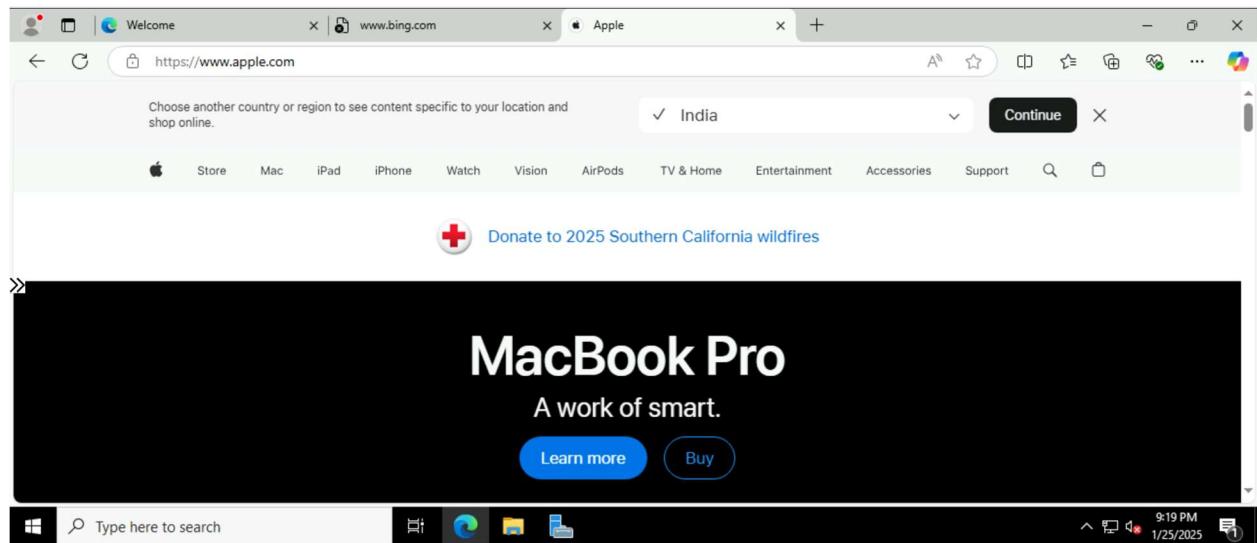
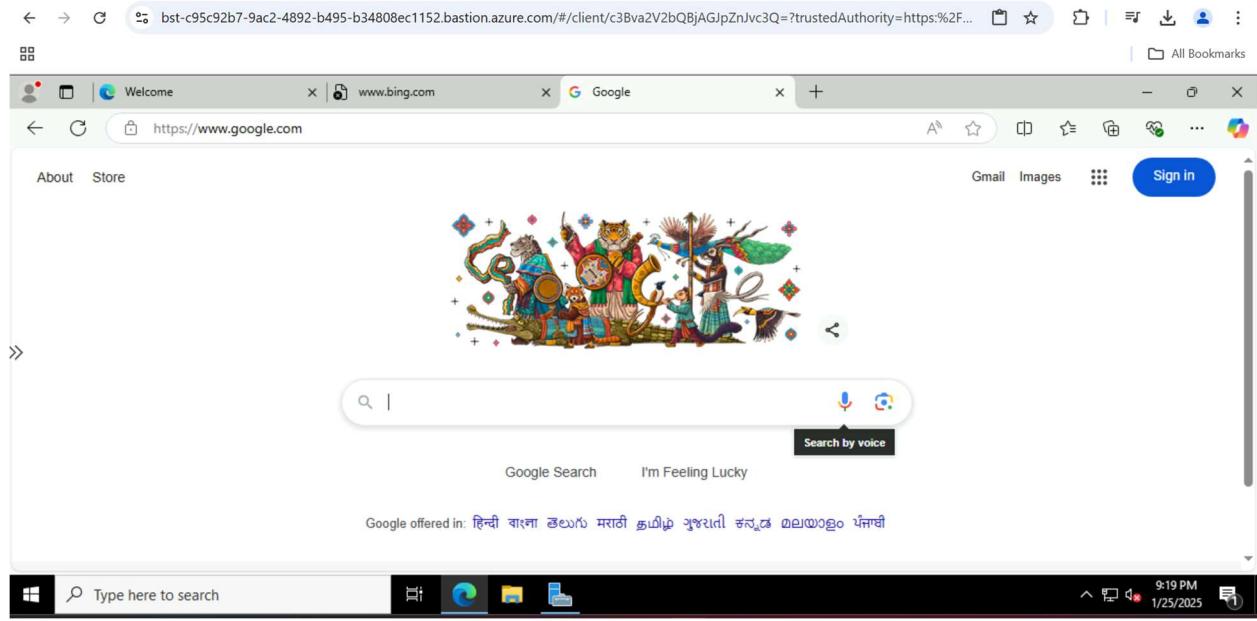
Firewall Policy

Overview Activity log Access control (IAM) Tags Settings Parent policy Rule collections DNAT rules Network rules Application rules DNS Threat Intelligence TLS inspection IDPS Secured virtual hubs

Rules are shown in the order of execution below. Network rules take precedence over application rules regardless of priority. Within the same rule collection type, inherited rules take precedence over rule collection group priority and rule collection priority.

Rule Collection P..	Rule collection n...	Rule name	Source	Protocol	Destination	Action	Inherited from
100	ApplicationRuleColle...	AccessWebsites	○ *	Http:80,Https:443	○ www.google.com, *.google.com, www.apple.com, *.apple.com	Allow	

We are able to access from the VM now



Microsoft Azure

Home > Virtual networks > INDVnet | Firewall > INDVnet-Firewall

### INDVnet-Firewall | Public IP configuration

Add a public IP configuration

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Public IP configuration

Learned SNAT IP Prefixes (preview)

Firewall Manager

Properties

Locks

Monitoring

Metrics

Diagnostic settings

Logs

Workbooks

Automation

Name: ipConfig

IP Address: 74.225.152.179

Copilot

maheshkumar0091989...  
DEFAULT DIRECTORY (MAHESH...)

Copy the public ip of the firewall and paste on the browser and we are able to access the default page of IIS web server

