

Create two virtual machines

Microsoft Azure

Search resources, services, and docs (G+)

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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

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 *

INDVM

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](#)

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Create a virtual machine

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☒ 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)

[See all sizes](#)

Enable Hibernation

☐

Hibernate is not supported by the size that you have selected. Choose a size that is compatible with Hibernation 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

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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 *


RDP (3389)


 **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.

Licensing

Save up to 49% with a license you already own using Azure Hybrid Benefit. [Learn more](#) 

Would you like to use an existing ☐

Windows Server license? 

[Review Azure hybrid benefit compliance](#) 

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Create a virtual machine ...



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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) INDVM-vnet 
[Create new](#)

Subnet *  (new) default (10.0.0.0/24) 

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

NIC network security group  ☒ None
☐ Basic
☐ Advanced

 All ports on this virtual machine may be exposed to the public internet. This is a security risk. Use a network security group to limit public access to specific ports. You can also select a subnet that already has network security groups defined or remove the public IP address.

Delete public IP and NIC when VM is ☐

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Create a virtual machine

Validation passed

Help me create a low cost VM

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BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Price

1 X Standard B2ms
by Microsoft
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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.

Basics

Subscription	Manohar Subscription
Resource group	Demo-RG
Virtual machine name	INDVM
Region	Central India
Availability options	No infrastructure redundancy required

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Security type ⓘ

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

Image * ⓘ

Windows Server 2022 Datacenter - x64 Gen2
[See all images](#) | [Configure VM generation](#)

VM architecture ⓘ

Arm64

☒ 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)
[See all sizes](#)

Enable Hibernation ⓘ

☐

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

Administrator account

Username * ⓘ

manohar

Password *

Confirm password *

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Help me choose the right VM size for my workload

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 *

RDP (3389)

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.

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Copilot

mahehkumar0091989...
DEFAULT DIRECTORY (MAHEH...

Home > Virtual networks > INDVM-vnet

Virtual networks

Default Directory (mahehkumar0091989@gmail.on...

+ Create

Manage view

Filter for any field...

Name ↑

INDVM-vnet

TestVM-vnet

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Address space

Connected devices

Subnets

Bastion

DDoS protection

Firewall

Microsoft Defender for Cloud

Network manager

DNS servers

Peerings

INDVM-vnet | Subnets

Virtual network

+ Subnet

Refresh

Manage users

Delete

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.

Search subnets

	Name ↑	IPAM Pool	IPv4	IPv6	Available IPs	Delegated to	Security group	Route table
<input type="checkbox"/>	default	-	10.0.0.0/24	-	250	-	-	-
<input type="checkbox"/>	TestSubnet	-	10.0.1.0/24	-	251	-	-	-

Successfully added subnet

Successfully added subnet 'TestSubnet' to virtual network 'INDVM-vnet'.



Create a virtual machine ...



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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 * ⓘ

INDVM-vnet

[Create new](#)

Subnet * ⓘ

TestSubnet (10.0.1.0/24)

[Manage subnet configuration](#)

Public IP ⓘ

(new) testvm1-ip

[Create new](#)

NIC network security group ⓘ

☒ None☐ Basic☐ Advanced

All ports on this virtual machine may be exposed to the public internet. This is a security risk. Use a network security group to limit public access to specific ports. You can also select a subnet that already has network security groups defined or remove the public IP address.

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Basics

Subscription

Manohar Subscription

Resource group

Demo-RG

Virtual machine name

testvm1

Region

Central India

Availability options

No infrastructure redundancy required

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Create

Virtual machines

Default Directory (maheshkumar009198@gmail.onmicrosoft.com)

+ Create

Switch to classic

Reservations

Manage view

Refresh

Export to CSV

Open query

Assign tags

Start

Restart

Stop

Delete

Services

Maintenance

Filter for any field...

Subscription equals all

Type equals all

Resource group equals all

Location equals all

Add filter

Showing 1 to 3 of 3 records.

Name	Subscription	Resource group	Location	Status	Operating system	Size	Public IP address	Disks	Update status
<input type="checkbox"/> INDM	Manohar Subscription	Demo-RG	Central India	Running	Windows	Standard_B2ms	52.172.200.128	1	Enable periodic assessment
<input type="checkbox"/> TestVM	Manohar Subscription	Demo-RG	Central India	Running	Windows	Standard_B2ms	52.172.176.164	1	Enable periodic assessment
<input type="checkbox"/> testvm1	Manohar Subscription	DEMO-RG	Central India	Creating	Windows	Standard_B2ms	52.172.211.147	1	Enable periodic assessment

Created nsg

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mareshkumar0091989...
DEFAULT DIRECTORY (MAHESHK...)

Home > Network security groups >

Network security g...
Default Directory (mareshkumar0091989@gmail.com...)

+ Create Manage view

Filter for any field...

Name ↑

vmnsg

vmnsg
Network security group

Search

Move Delete Refresh Give feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Inbound security rules

Outbound security rules

Network interfaces

Subnets

Properties

Locks

Monitoring

Alerts

Diagnostics settings

Logs

NSG flow logs

Automation

Essentials

Resource group (move) : Demo-RG

Location : Central India

Subscription (move) : Manohar Subscription

Subscription ID : 32aeb345-c45e-4708-be97-491dbfd1da9

Tags (edit) : Add tags

Custom security rules : 0 inbound, 0 outbound

Associated with : 0 subnets, 0 network interfaces

JSON View

Filter by name

Port == all Protocol == all Source == all Destination == all Action == all

Priority ↑	Name ↑	Port ↑	Protocol ↑	Source ↑	Destination ↑	Action ↑
Inbound Security Rules						
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	Allow
65500	DenyAllInBound	Any	Any	Any	Any	Deny
Outbound Security Rules						
65000	AllowVnetOutBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowInternetOutBound	Any	Any	Any	Internet	Allow
65500	DenyAllOutBound	Any	Any	Any	Any	Deny

Associate the nsg with the subnets

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DEFAULT DIRECTORY (MAHESHK...)

Home > Network security groups > Subnets

vmnsg | Subnets
Network security group

Search

Associate

Search subnets

Name	Address range
No results.	

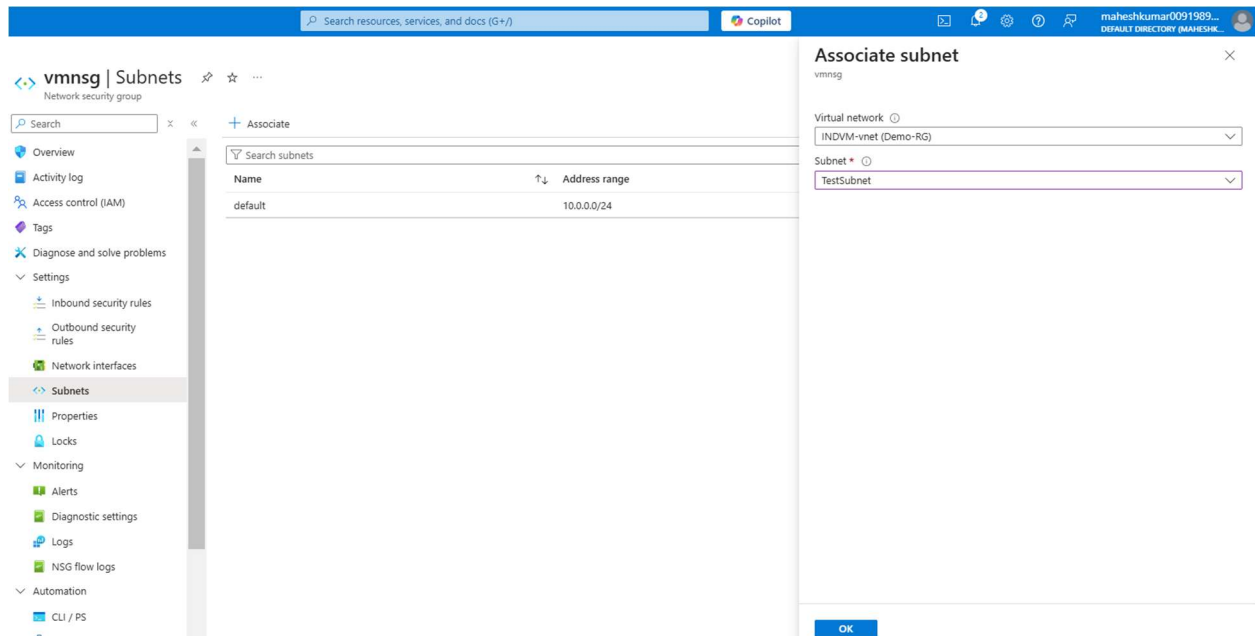
Associate subnet

vmnsg

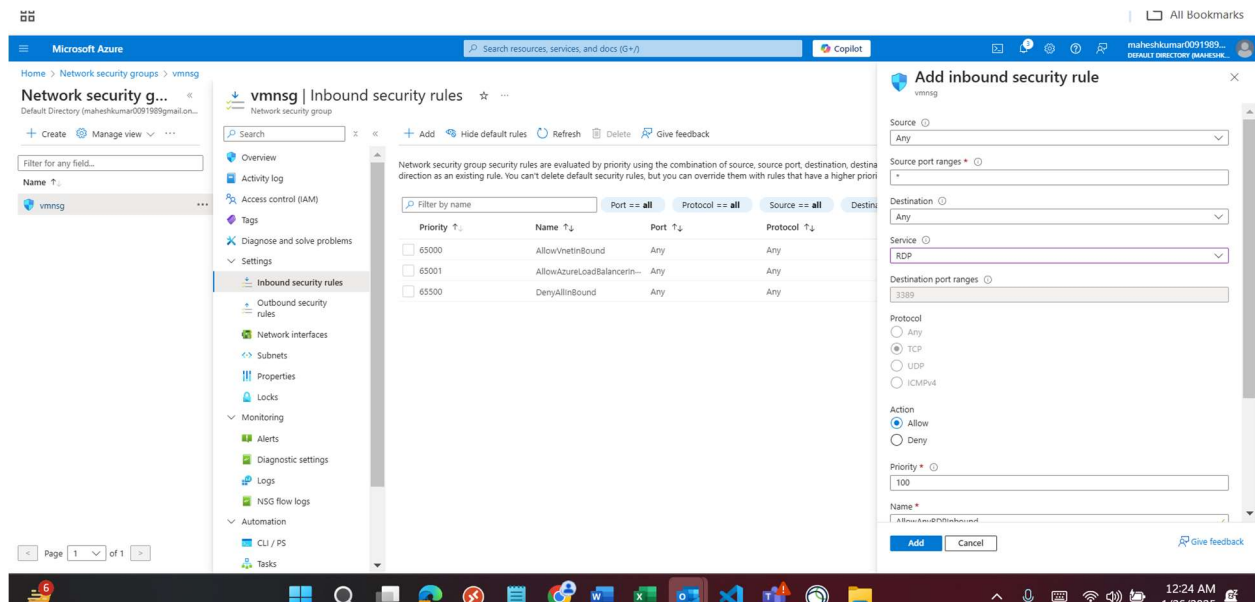
Virtual network : INDVM-vnet (Demo-RG)

Subnet : default

OK



Allow RDP access



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DEFAULT DIRECTORY (MAHESHK...)

Home > Network security groups > vmnsg

Network security g...
Default Directory (maheeshkumar0091989@gmail.com...)

+ Create Manage view ...

Filter for any field...

Name ↑

vmnsg

vmnsg | Inbound security rules

Network security group

+ Add Hide default rules Refresh Delete Give feedback

Network security group security rules are evaluated by priority using the combination of source, source port, destination, destination port, and protocol to allow or deny the traffic. A security rule can't have the same priority and direction as an existing rule. You can't delete default security rules, but you can override them with rules that have a higher priority. [Learn more](#)

Filter by name Port == all Protocol == all Source == all Destination == all Action == all

Priority ↑	Name ↑	Port ↑	Protocol ↑	Source ↑	Destination ↑	Action ↑
200	AllowAnyRDPInbound	3389	TCP	Any	Any	Allow
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowAzureLoadBalancerIn...	Any	Any	AzureLoadBalancer	Any	Allow
65500	DenyAllInBound	Any	Any	Any	Any	Deny

Create inbound deny rule

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maheeshkumar0091989...
DEFAULT DIRECTORY (MAHESHK...)

sg

vmnsg | Inbound security rules

Network security group

+ Add Hide default rules Refresh Delete Give feedback

Network security group security rules are evaluated by priority using the combination of source, source port, destination, destination port, and protocol to allow or deny the traffic. A security rule can't have the same priority and direction as an existing rule. You can't delete default security rules, but you can override them with rules that have a higher priority. [Learn more](#)

Filter by name Port == all Protocol == all Source == all Destination == all Action == all

Priority ↑	Name ↑	Port ↑	Protocol ↑
200	AllowAnyRDPInbound	3389	TCP
65000	AllowVnetInBound	Any	Any
65001	AllowAzureLoadBalancerIn...	Any	Any
65500	DenyAllInBound	Any	Any

Add inbound security rule

Source

IP Addresses

Source IP addresses/CIDR ranges *

10.0.1.0/24

Source port ranges *

*

Destination

IP Addresses

Destination IP addresses/CIDR ranges *

10.0.0.0/24

Service

Custom

Destination port ranges *

*

Protocol

☒ Any

☐ TCP

☐ UDP

☐ ICMPv4

Action

☐ Allow

☒ Deny

Add Cancel

Give feedback

Copilot

5

mareshkumar0091989...
DEFAULT DIRECTORY (MAHESHK...

vmnsg

Add inbound security rule

✕

Destination IP addresses/CIDR ranges * ⓘ

10.0.0.0/24 ✓

Service ⓘ

Custom ▾

Destination port ranges * ⓘ

* ✓

Protocol

☒ Any

☐ TCP

☐ UDP

☐ ICMPv4

Action

☐ Allow

☒ Deny

Priority * ⓘ

150 ✓

Name *

DenyCidrBlockCustomAnyInbound ✓

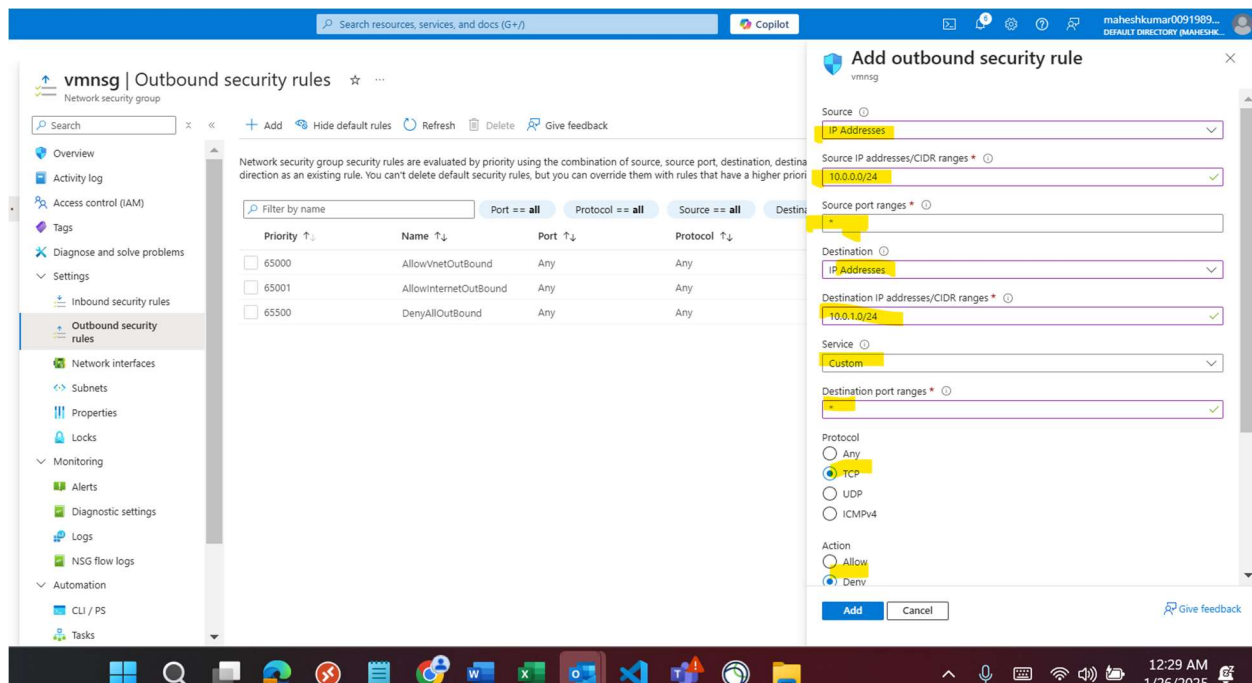
Description

Add

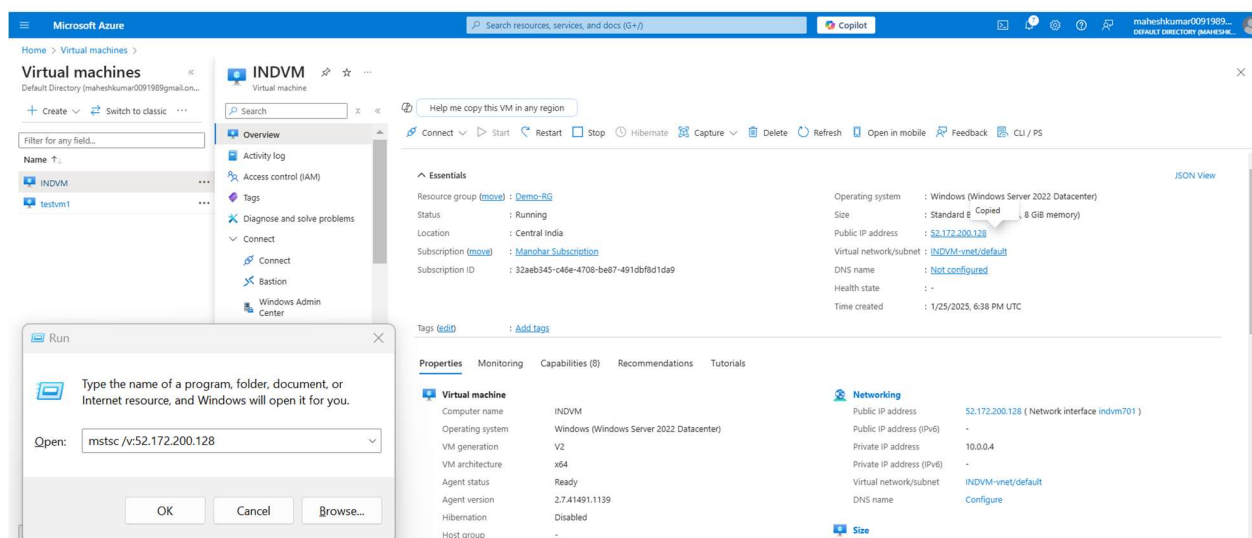
Cancel

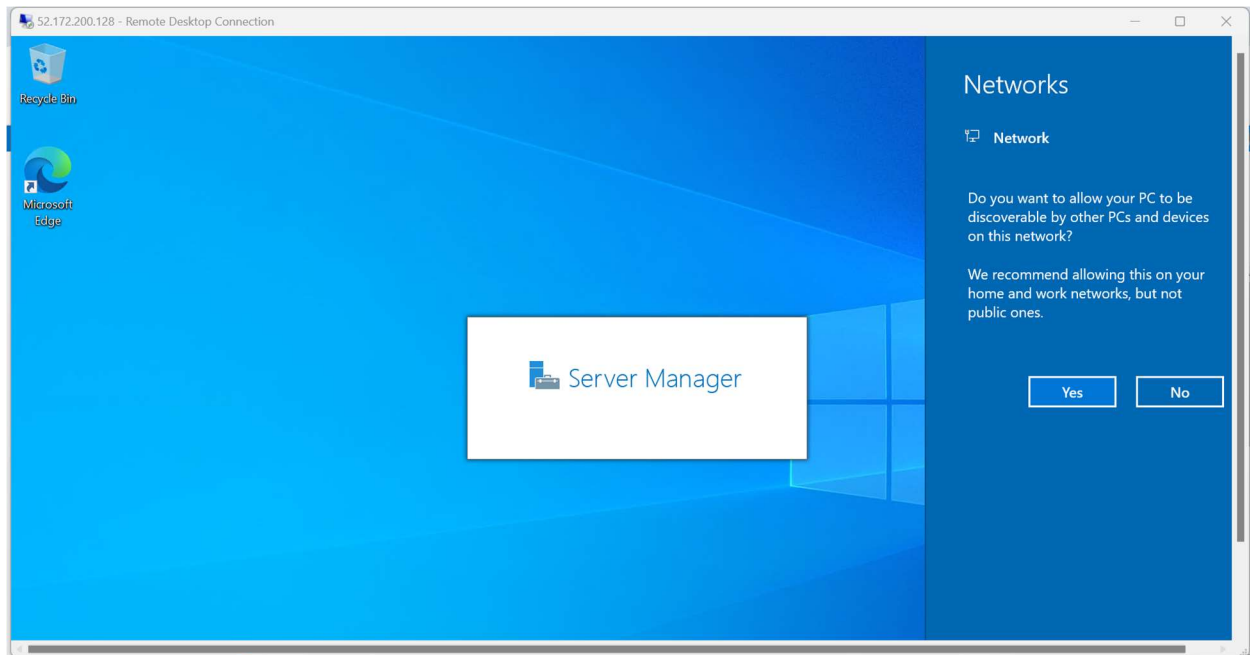
Give feedback

Create deny outbound rule



Connect to INDVM





Try to RDP testvm from INDVM

Note: due to the deny inbound and outbound rule we are getting this error

