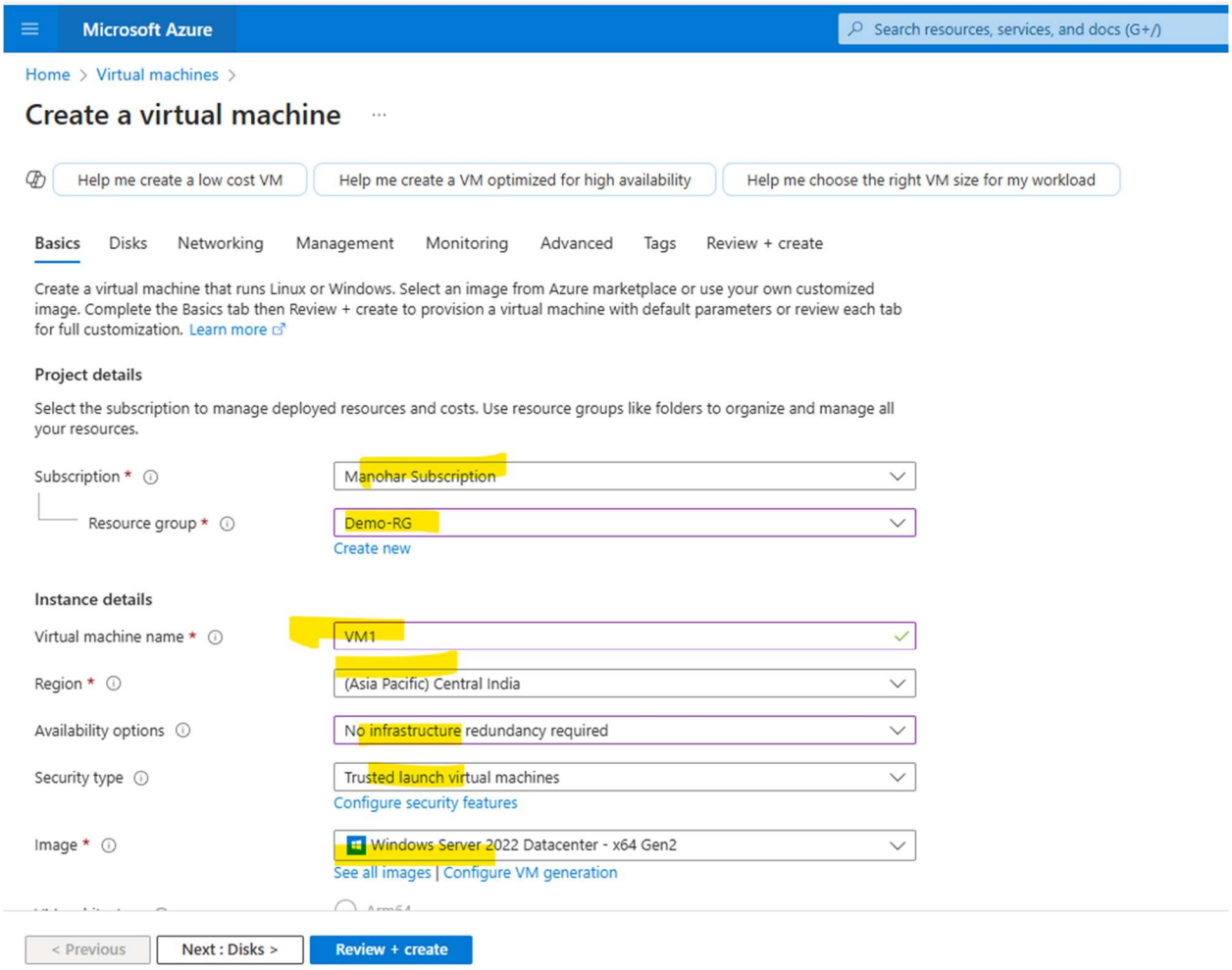
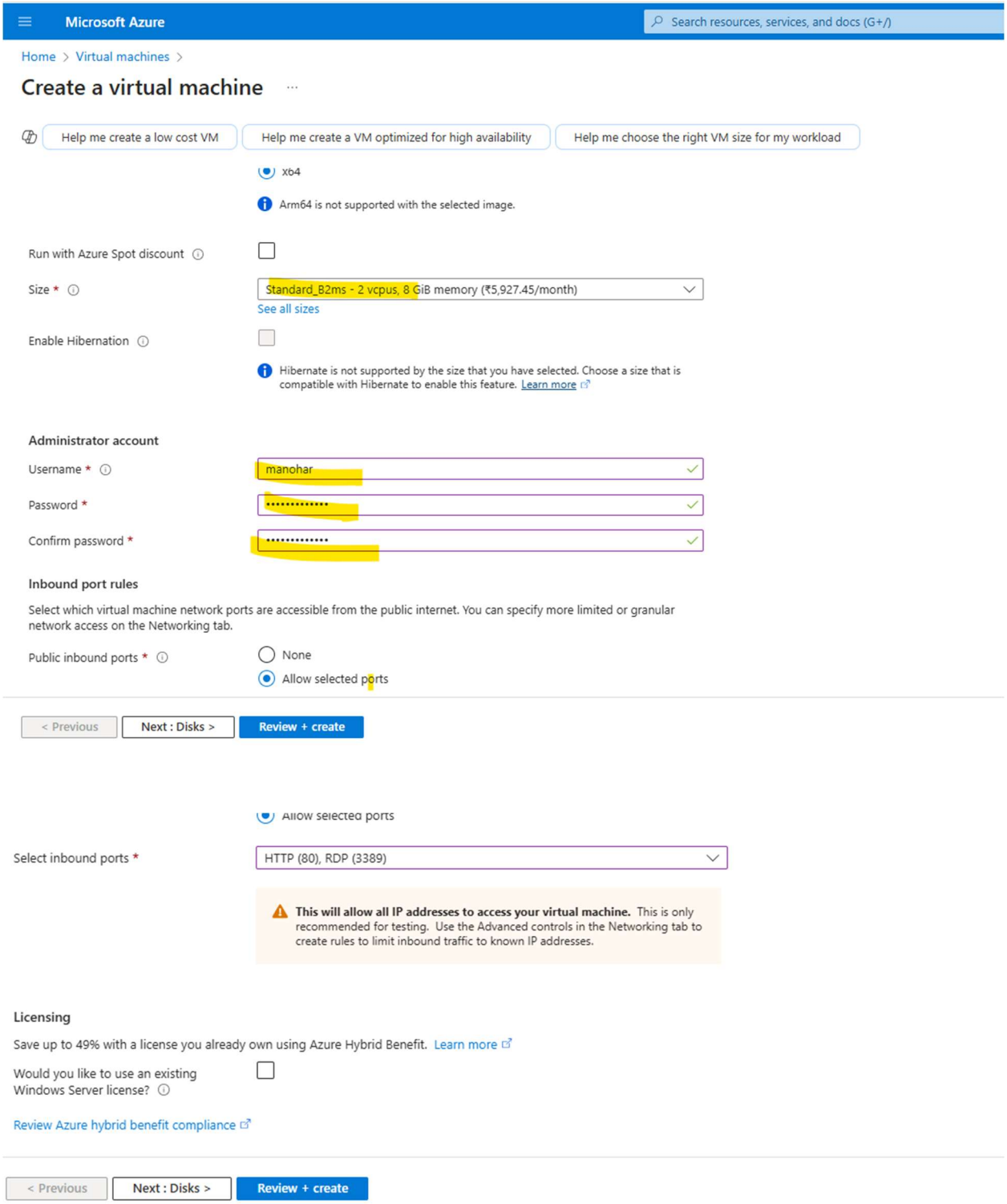
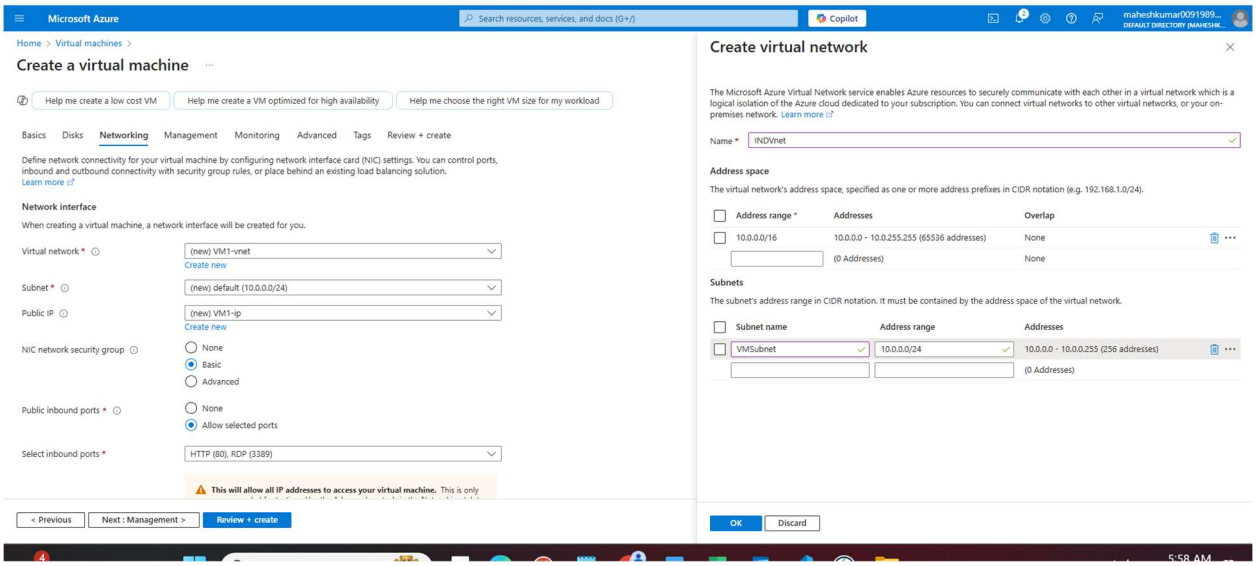
Create two virtual machines




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
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 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 >
Review + create
Allow selected ports
Select inbound ports *
HTTP (80), 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
< Previous
Next : Disks >
Review + create



Microsoft Azure
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Help me create a low cost VM
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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 *
(new) INDVnet
Create new
Subnet *
(new) VMSubnet (10.0.0.0/24)
Public IP
None
Create new
NIC network security group
None
Basic
Advanced
Public inbound ports *
None
Allow selected ports
Select inbound ports *
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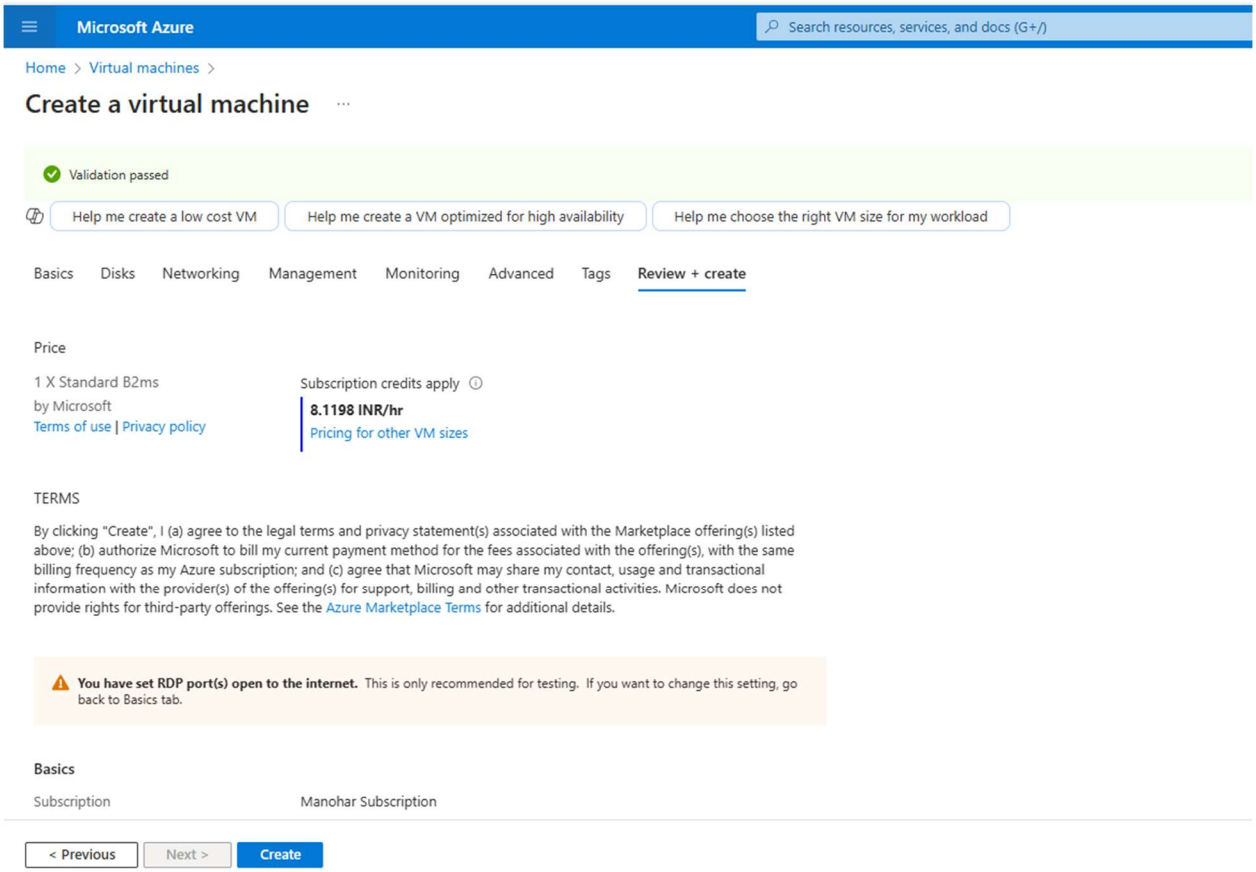
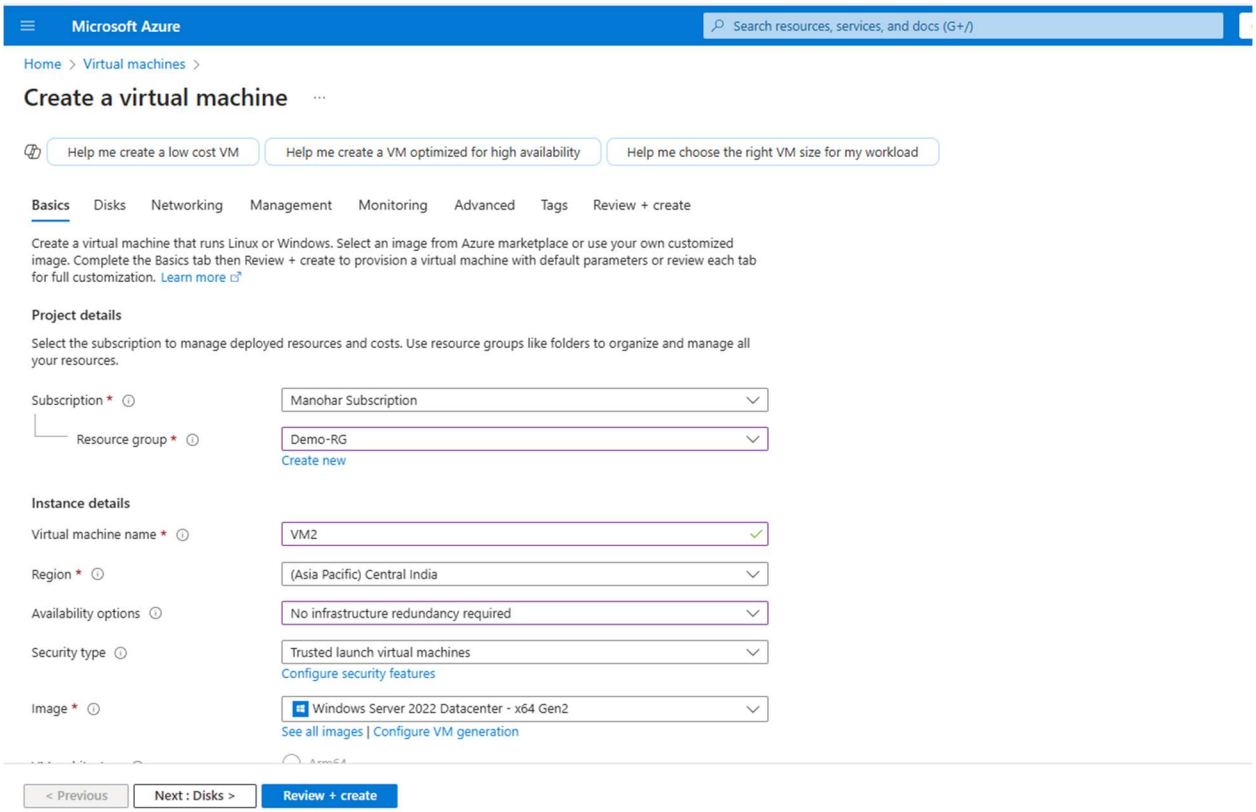
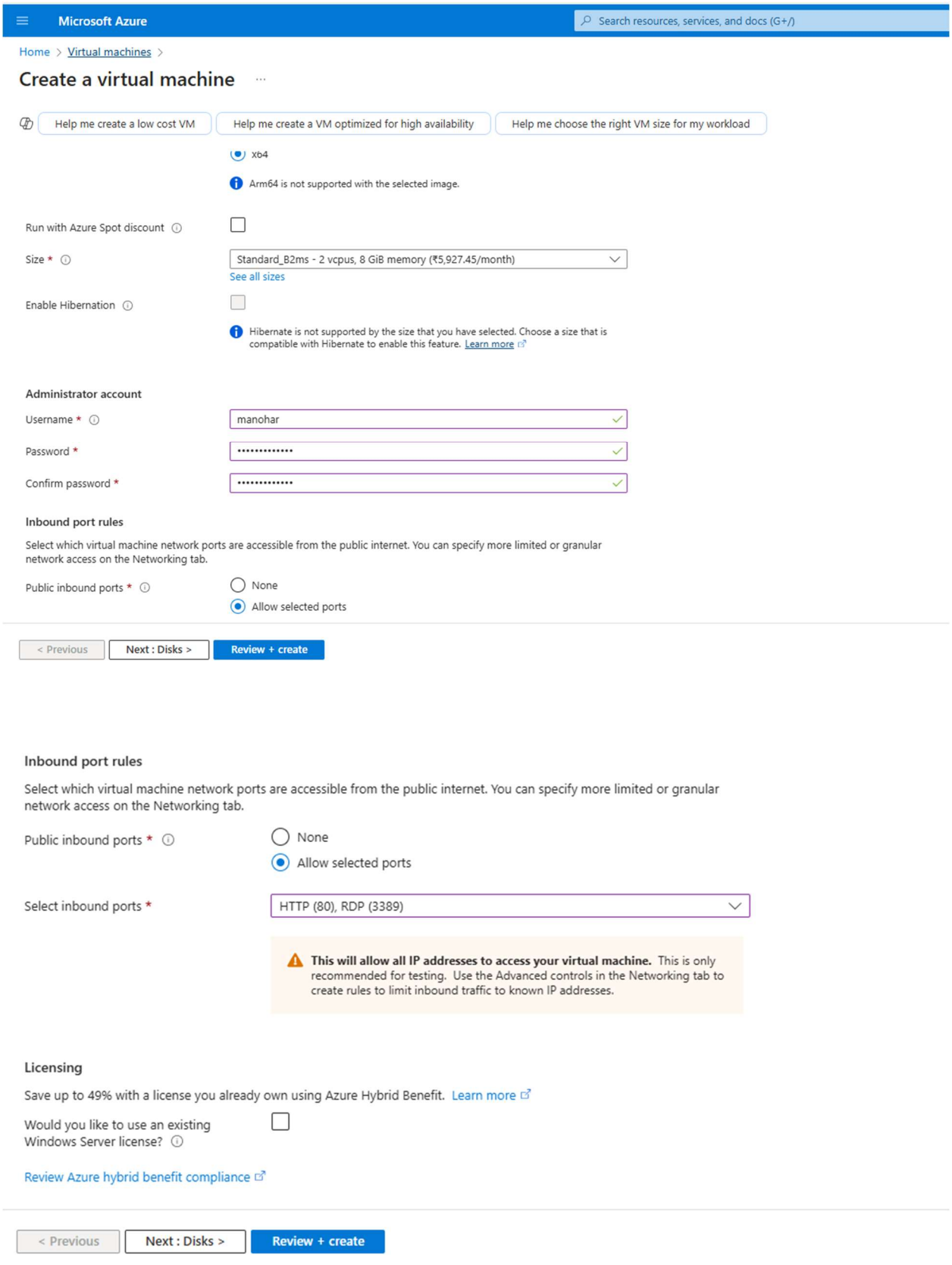
< Previous
Next : Management >
Review + create


Microsoft Azure
Search resources, services, and docs (G+/)
Home > Virtual machines >
Create a virtual machine
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+/)
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 * VM2
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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manohar
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Review + create
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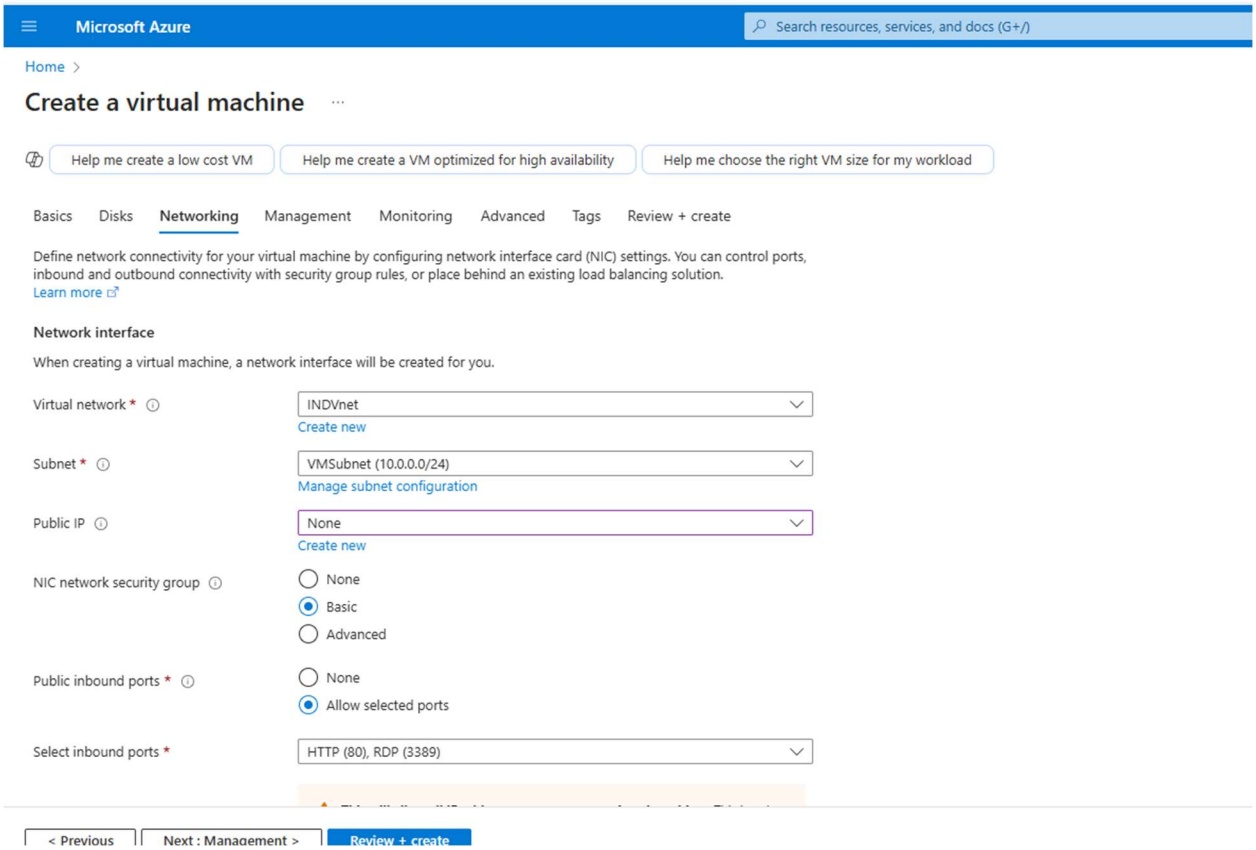
Microsoft Azure
Search resources, services, and docs (G+/)
Home
Create a virtual machine
Help me create a low cost VM
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Basics
Disks
Networking
Management
Monitoring
Advanced
Tags
Review + create
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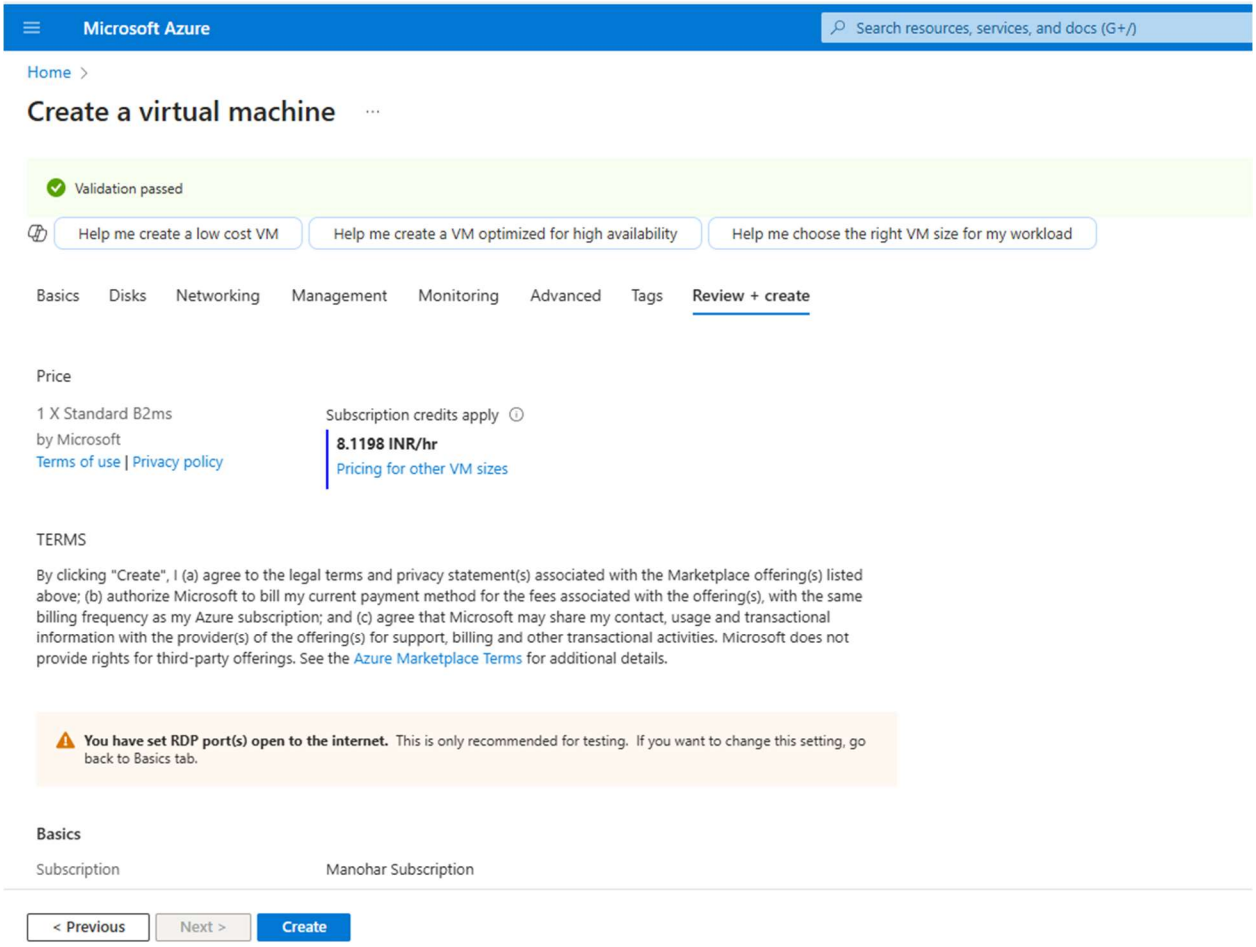
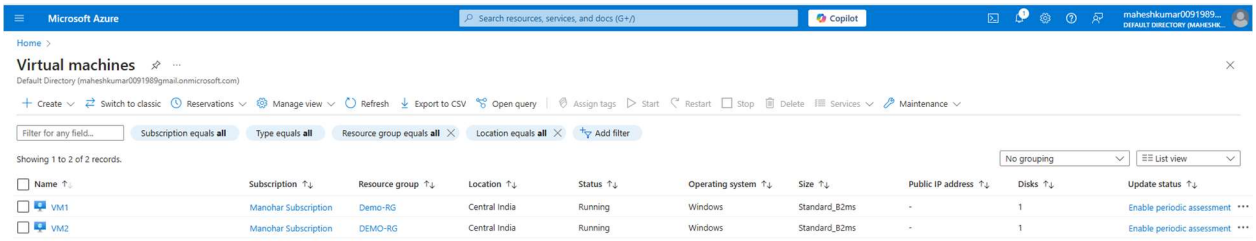
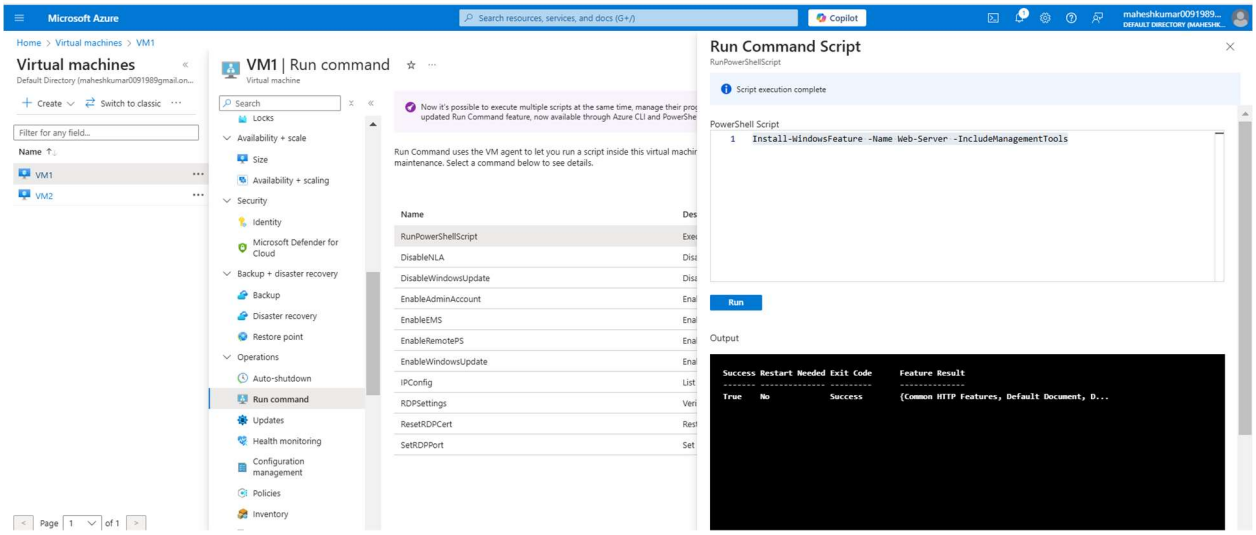
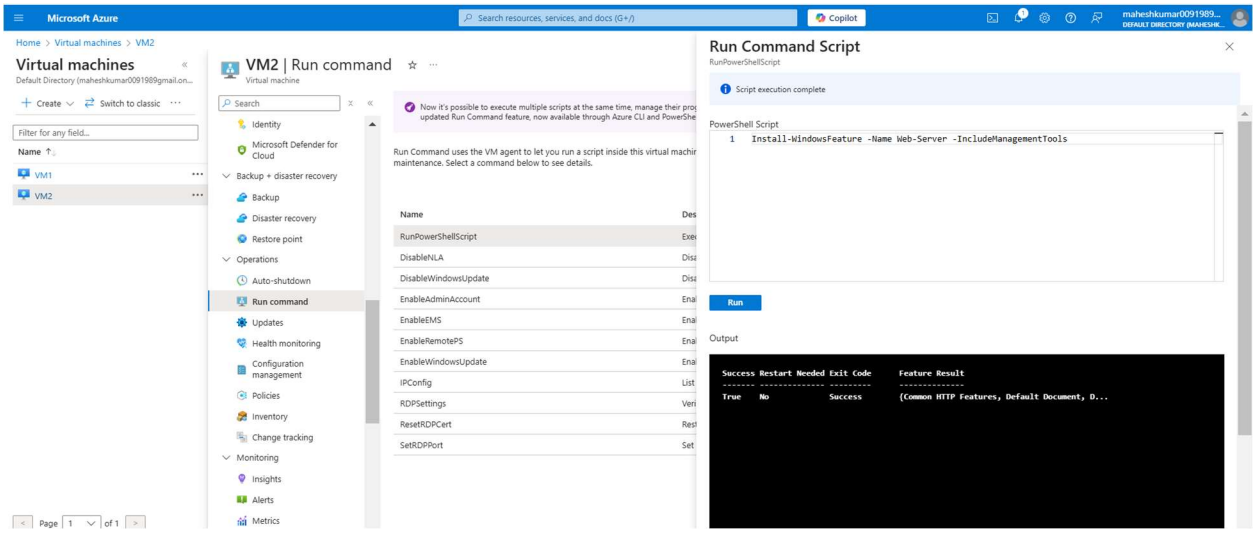
Virtual network *
INDVnet
Create new
Subnet *
VMSubnet (10.0.0.0/24)
Manage subnet configuration
Public IP
None
Create new
NIC network security group
None
Basic
Advanced
Public inbound ports *
None
Allow selected ports
Select inbound ports *
HTTP (80), RDP (3389)
< Previous
Next : Management >
Review + create





Install IIS Web server on both the vms





Create a load balancer

Home > Load balancing | Load Balancer >

Create load balancer ...

Basics | Frontend IP configuration | Backend pools | Inbound rules | Outbound rules | Tags | Review + create

Azure load balancer is a layer 4 load balancer that distributes incoming traffic among healthy virtual machine instances. Load balancers uses a hash-based distribution algorithm. By default, it uses a 5-tuple (source IP, source port, destination IP, destination port, protocol type) hash to map traffic to available servers. Load balancers can either be internet-facing where it is accessible via public IP addresses, or internal where it is only accessible from a virtual network. Azure load balancers also support Network Address Translation (NAT) to route traffic between public and private IP addresses. Learn more.

Project details

Subscription * : Manohar Subscription

Resource group * : Demo-RG

Create new

Instance details

Name * : app-lb

Region * : Central India

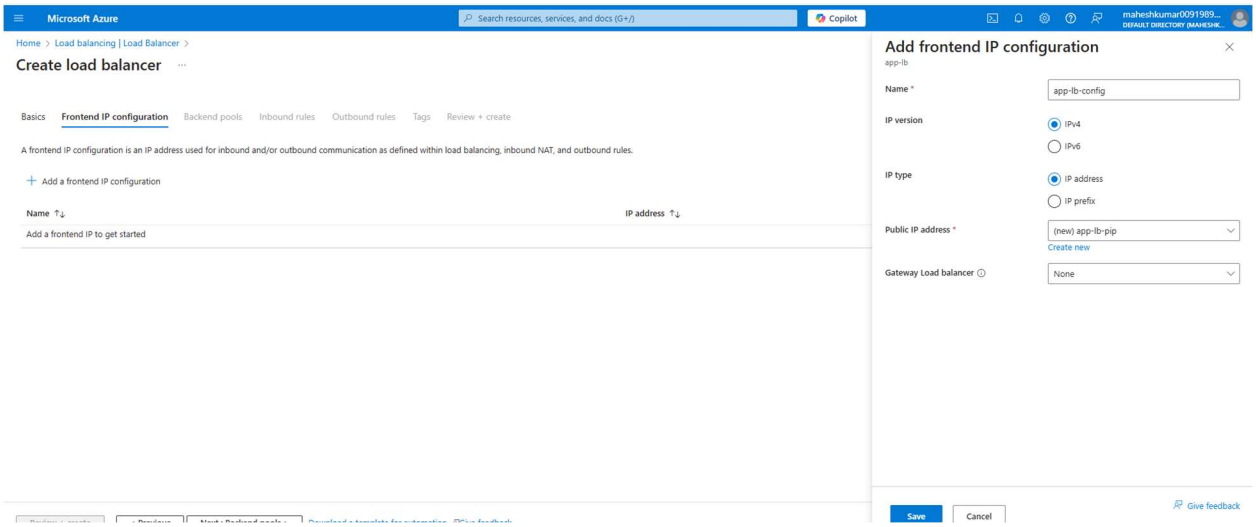
SKU * : Standard (Distribute traffic to backend resources)
Gateway (Direct traffic to network virtual appliances)
Basic (Retiring on September 30, 2025)

Type * : Public
Internal

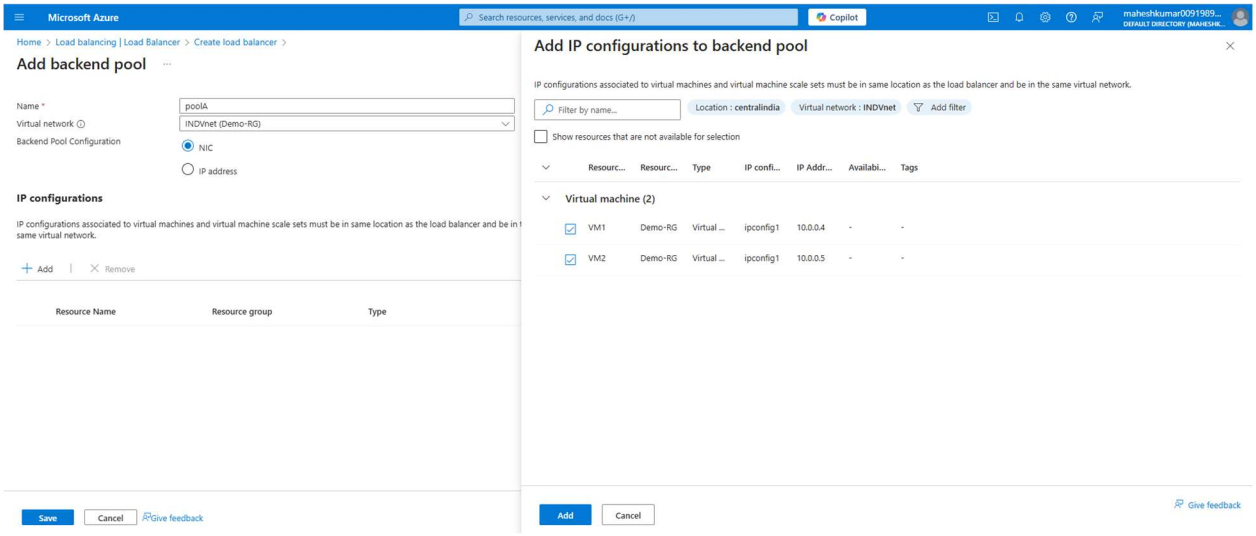
Tier * : Regional
Global

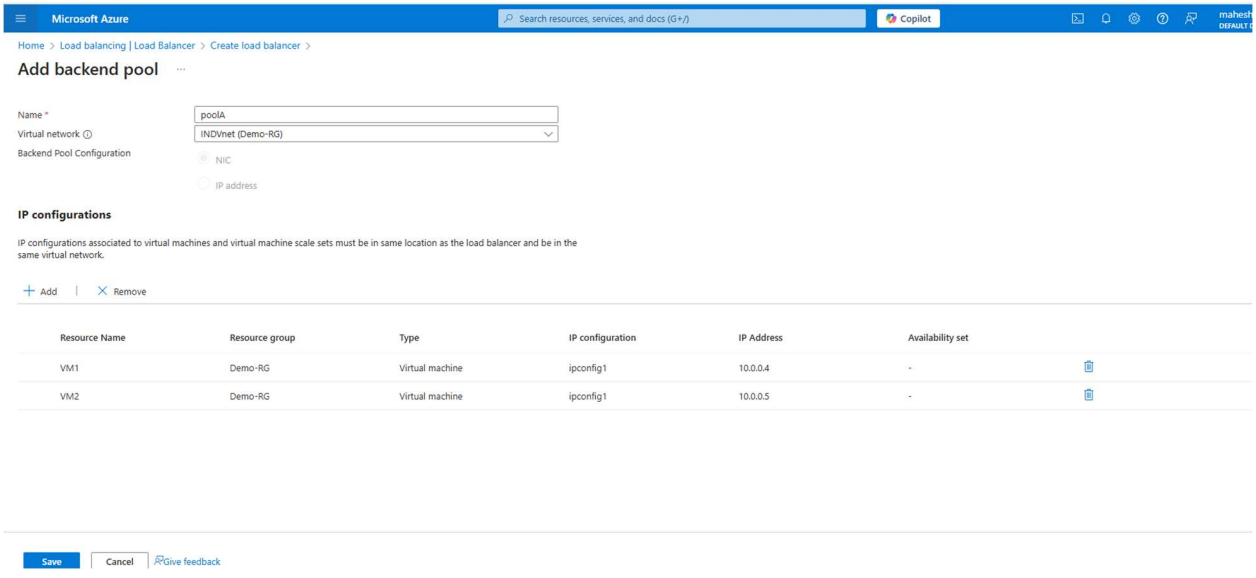
Review + create | < Previous | Next : Frontend IP configuration > | Download a template for automation | Give feedback

Configure frontendip

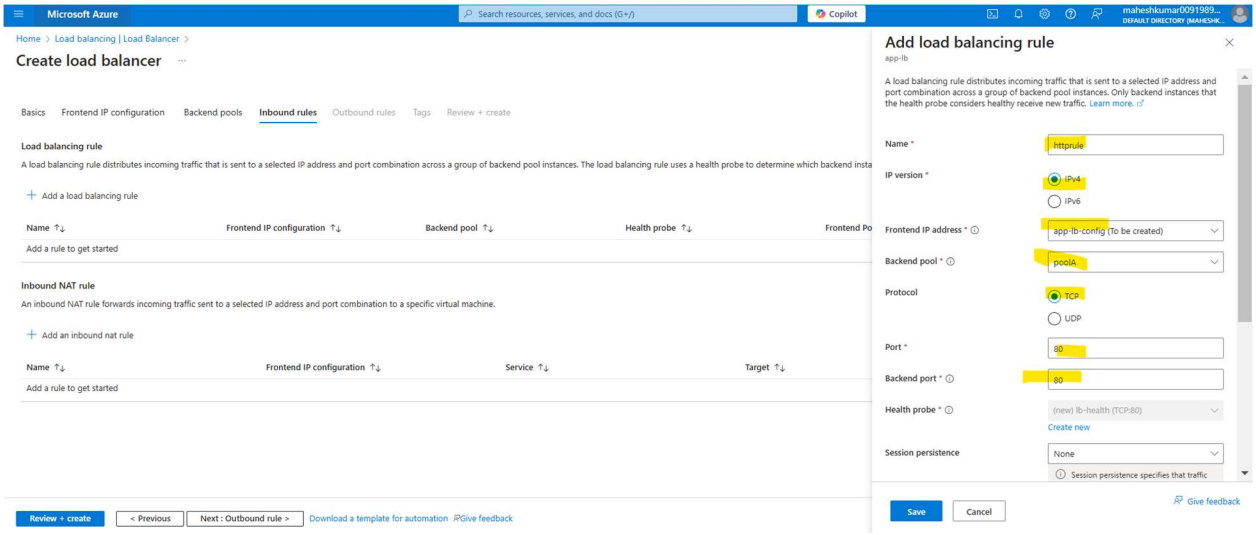


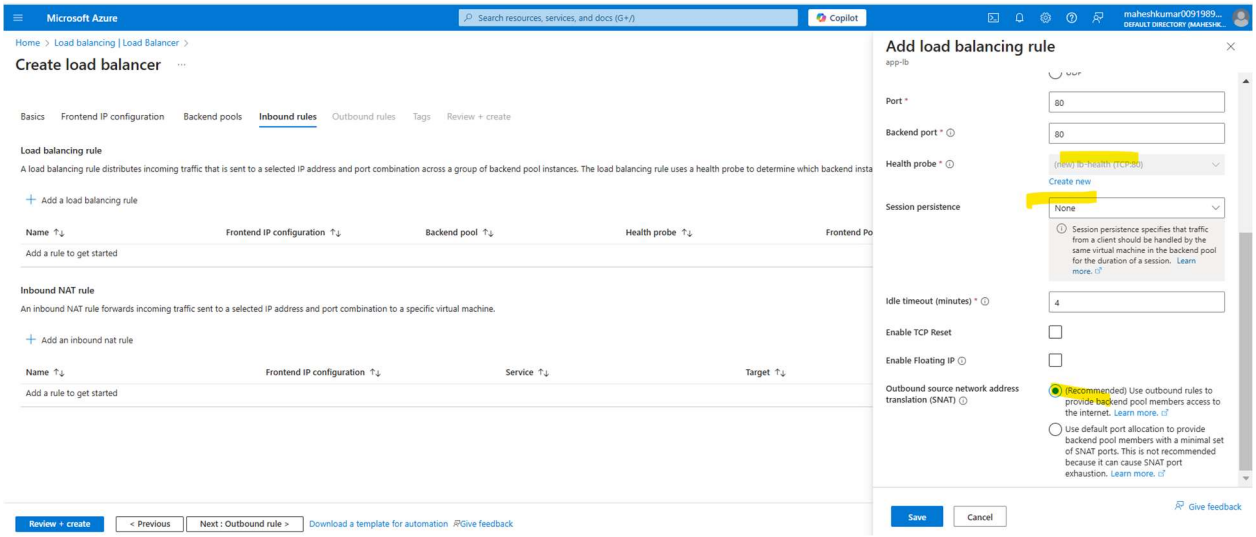
Add backend pool



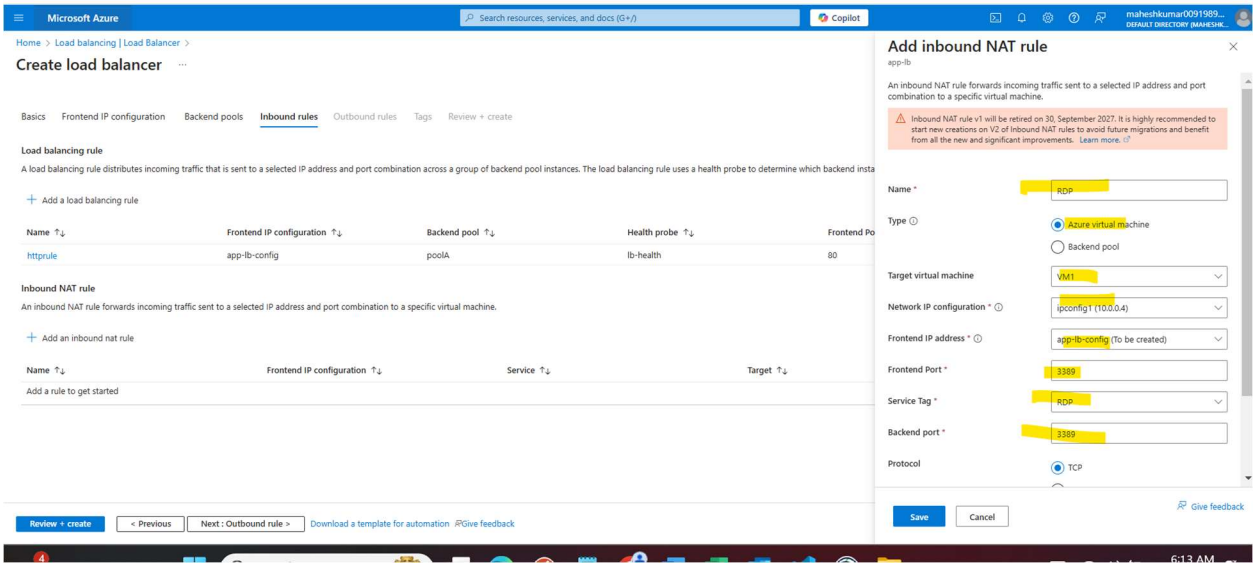


Add load balancing rule

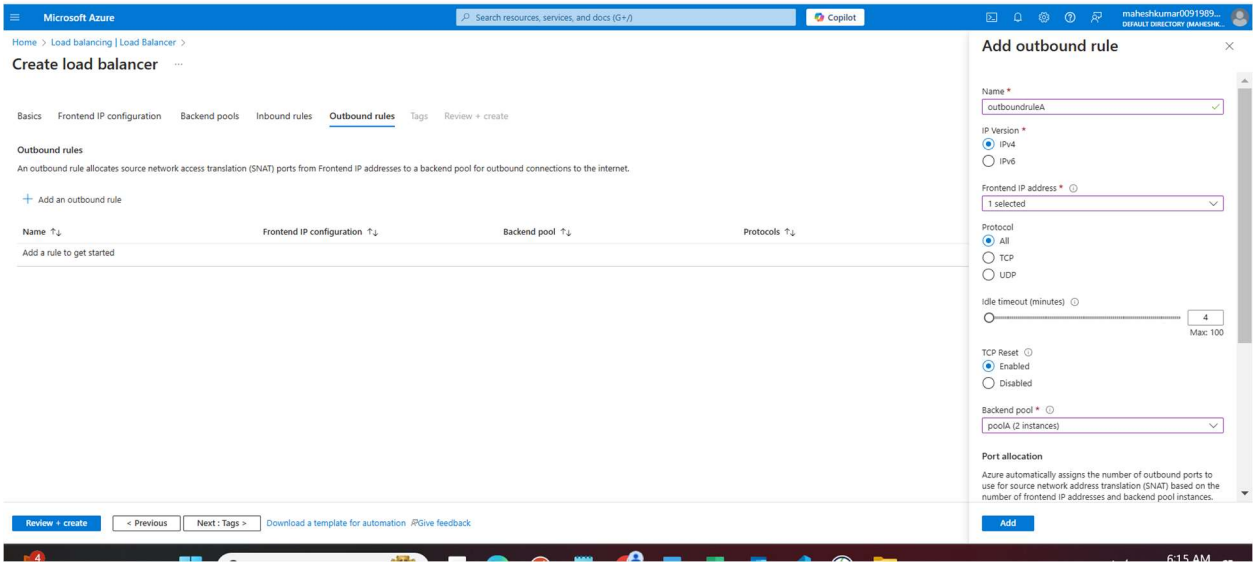


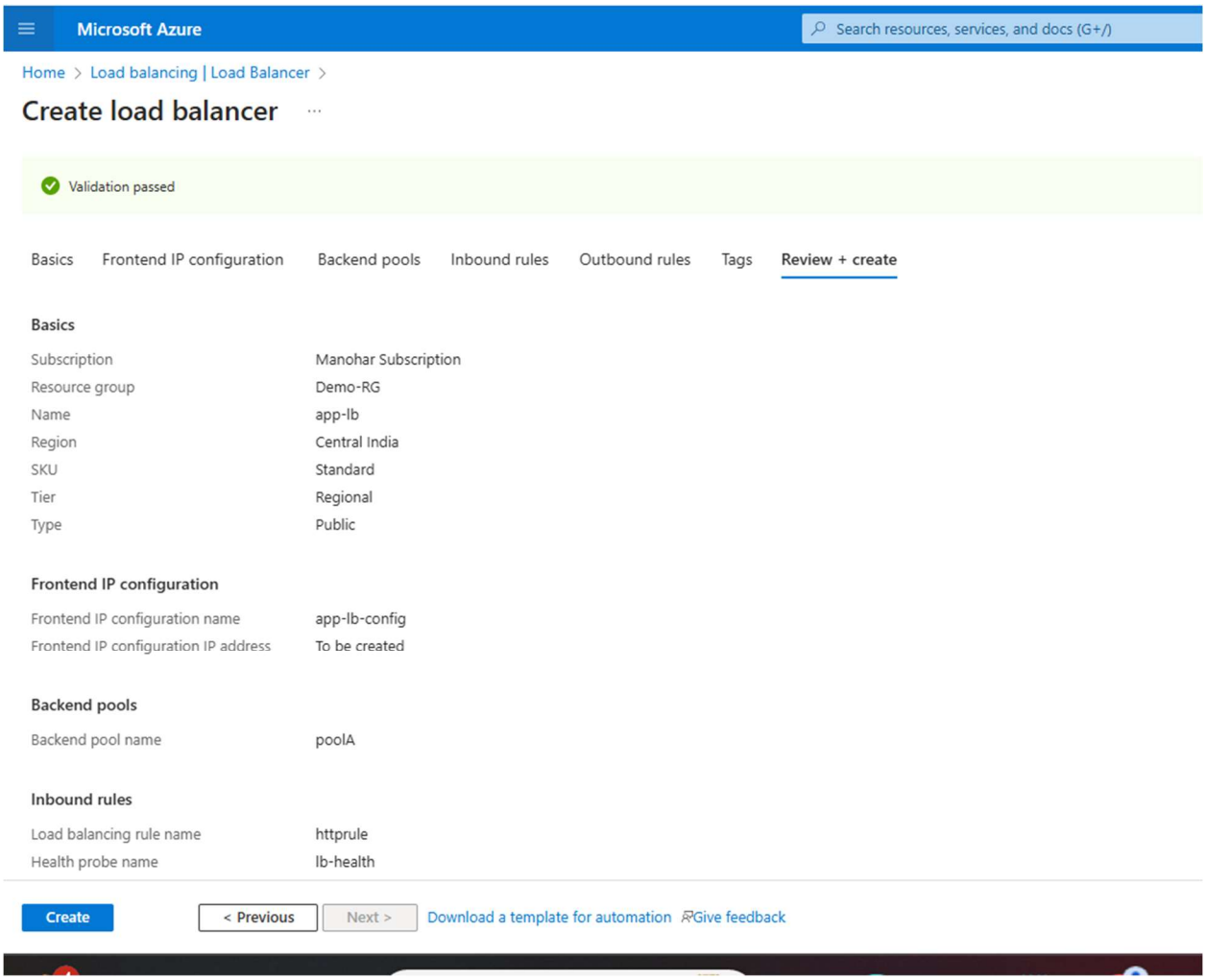


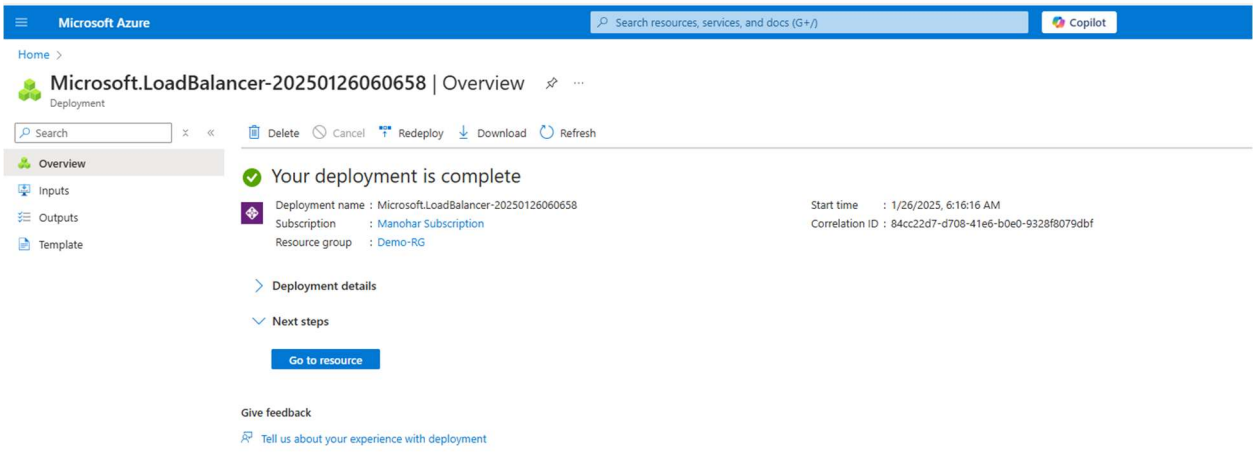
Add an inbound NAT Rule



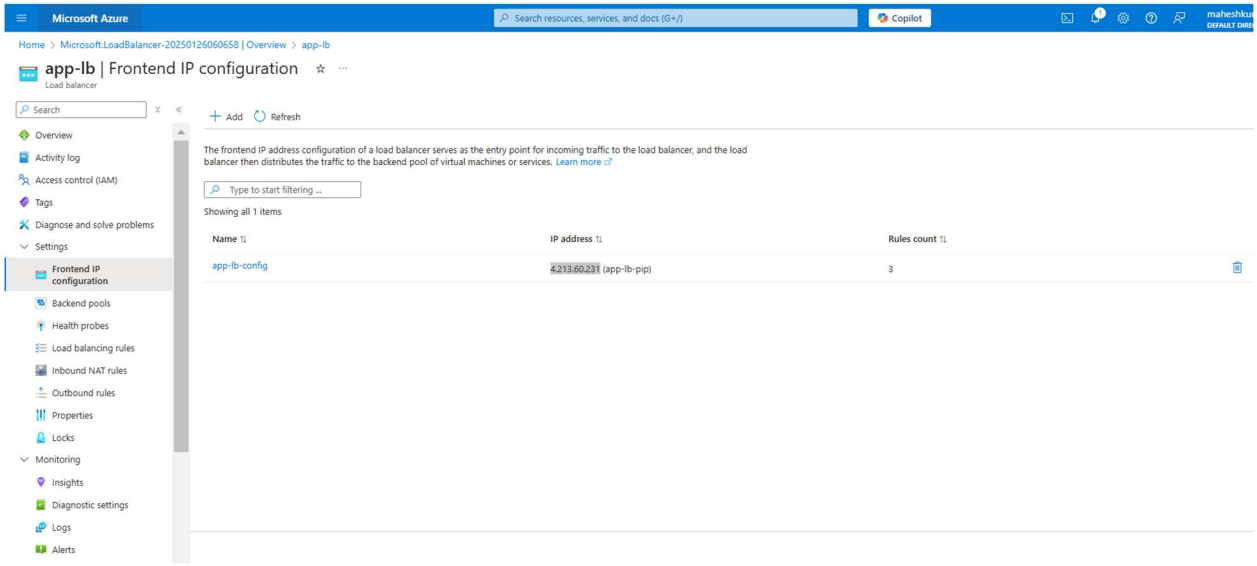
Add outbound rule

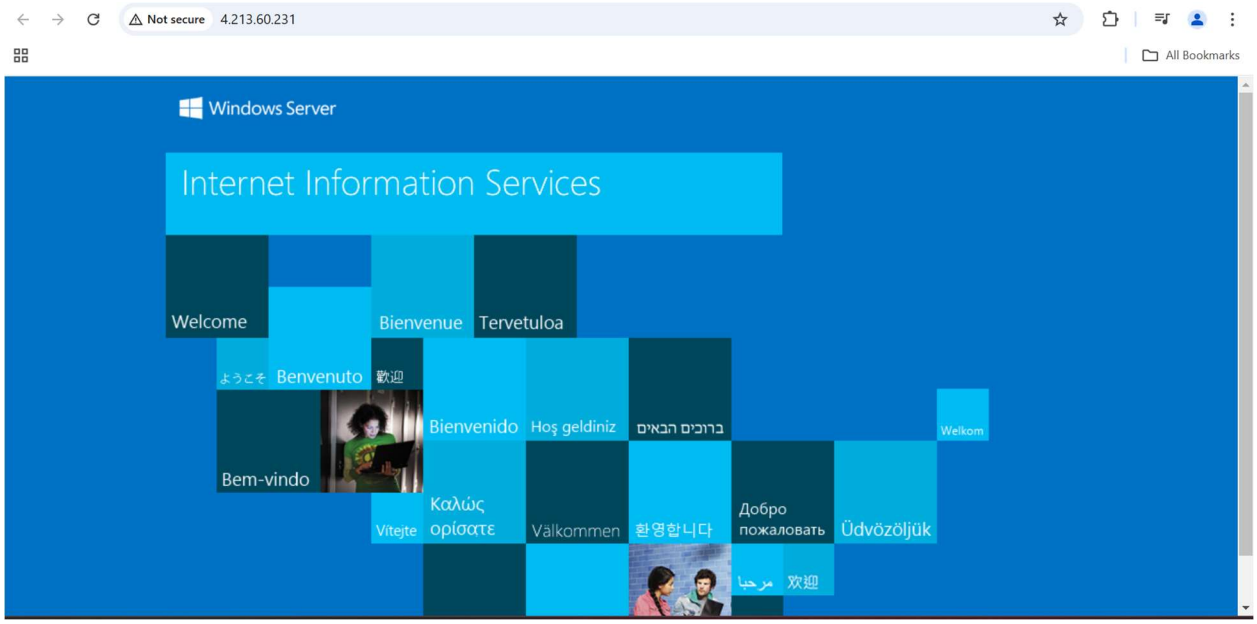




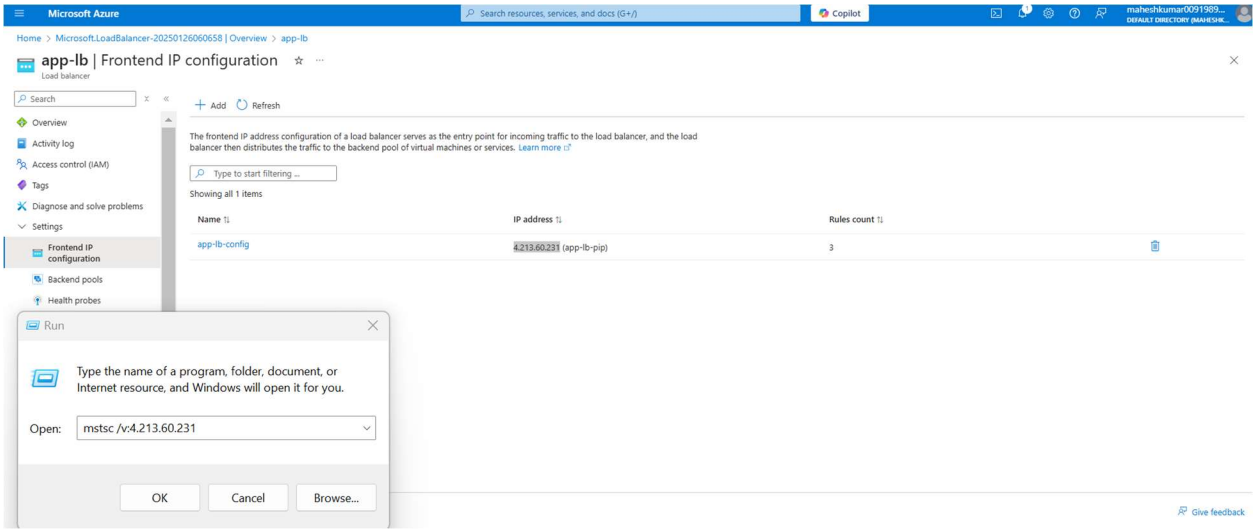


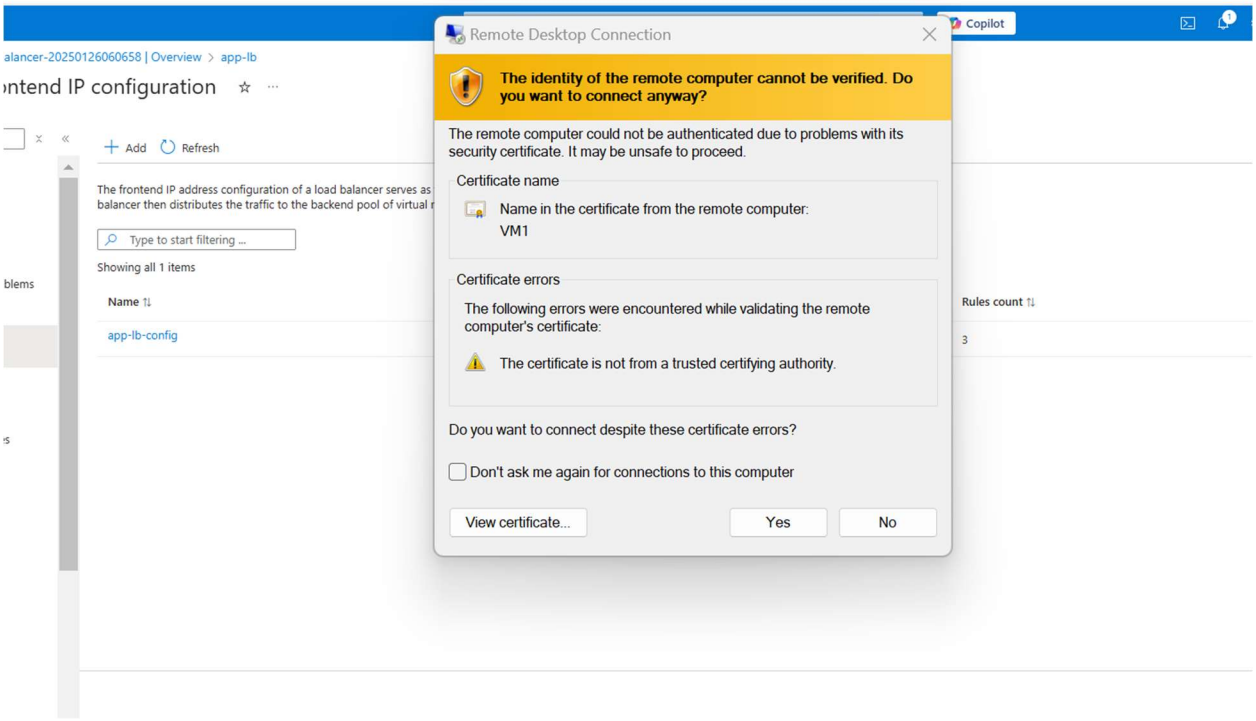
Copy the public ip of the load balancer and paste on the browser

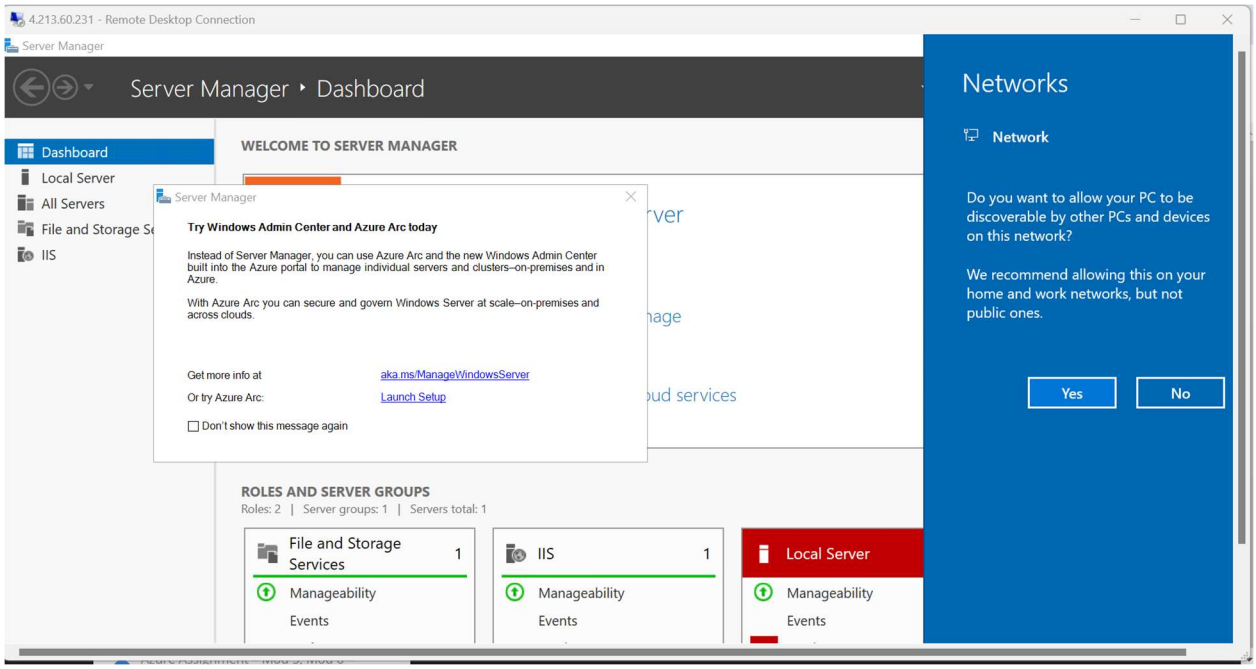


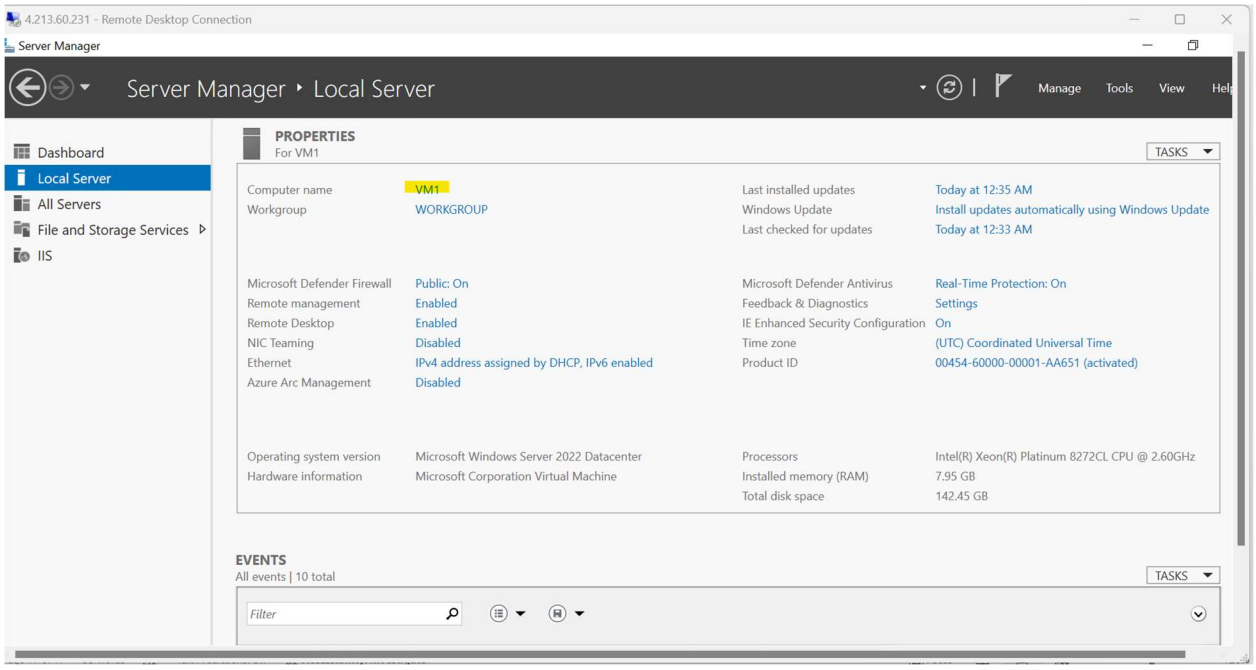


Connect to vm using load balancer ip

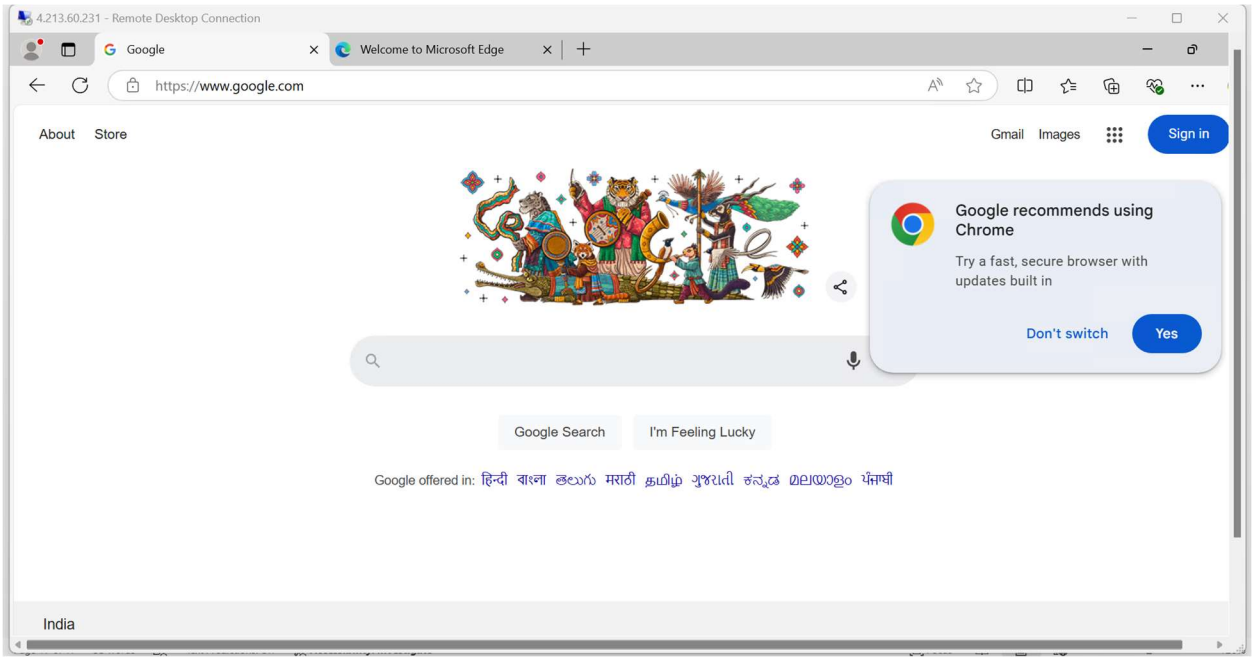

Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
Home > Microsoft.LoadBalancer-20250126060658 | Overview > app-lb
app-lb | Frontend IP configuration
Load balancer
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Frontend IP configuration
Backend pools
Health probes
Add
Refresh
The frontend IP address configuration of a load balancer serves as the entry point for incoming traffic to the load balancer, and the load balancer then distributes the traffic to the backend pool of virtual machines or services. Learn more
Type to start filtering ...
Showing all 1 items
Name
IP address
Rules count
app-lb-config
4.213.60.231 (app-lb-pip)
3
Run
Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:
mstsc /v:4.213.60.231
OK
Cancel
Browse...
Give feedback


Copilot
alancer-20250126060658 | Overview > app-lb
ntend IP configuration
Add
Refresh
The frontend IP address configuration of a load balancer serves as
balancer then distributes the traffic to the backend pool of virtual
Type to start filtering ...
Showing all 1 items
blems
Name
Rules count
app-lb-config
3
Remote Desktop Connection
The identity of the remote computer cannot be verified. Do you want to connect anyway?
The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.
Certificate name
Name in the certificate from the remote computer:
VM1
Certificate errors
The following errors were encountered while validating the remote computer's certificate:
The certificate is not from a trusted certifying authority.
Do you want to connect despite these certificate errors?
Don't ask me again for connections to this computer
View certificate...
Yes
No

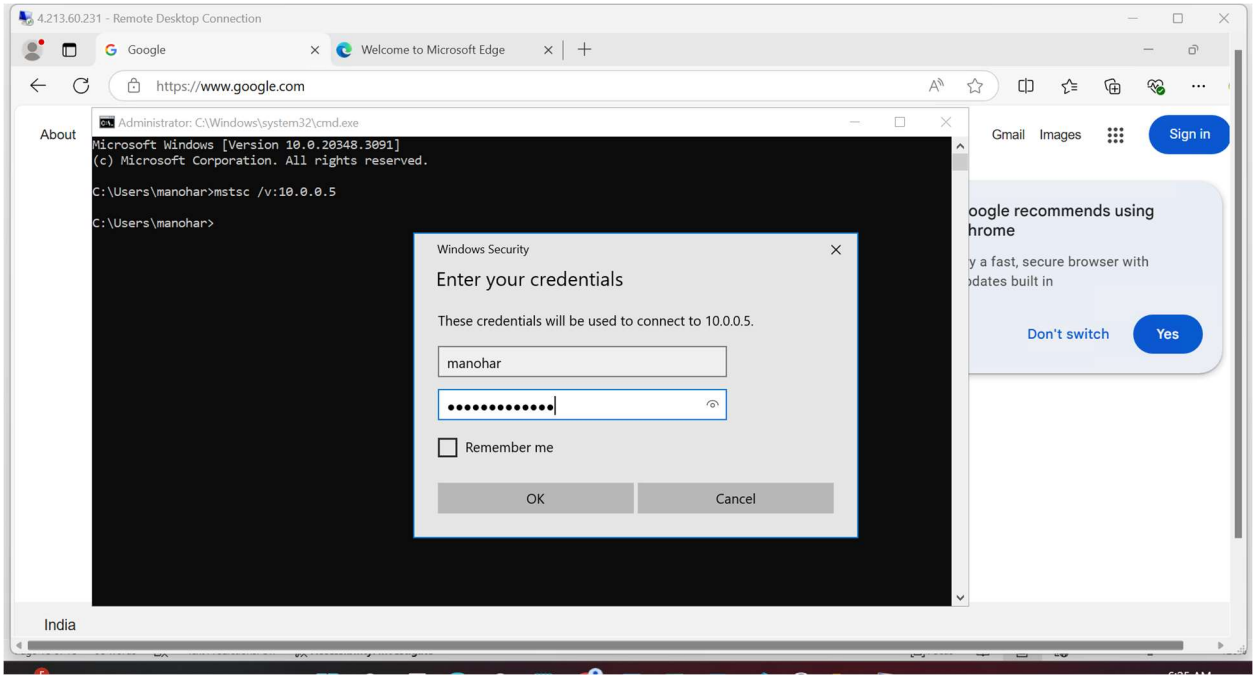


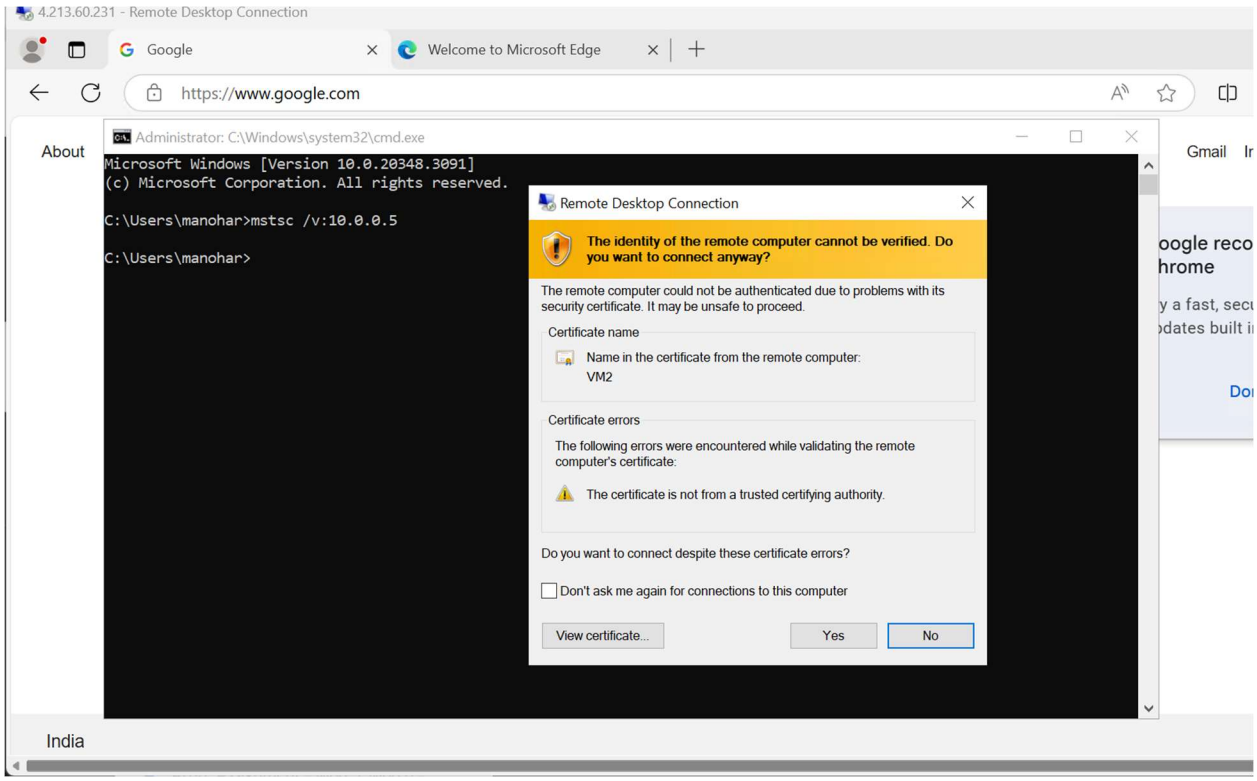


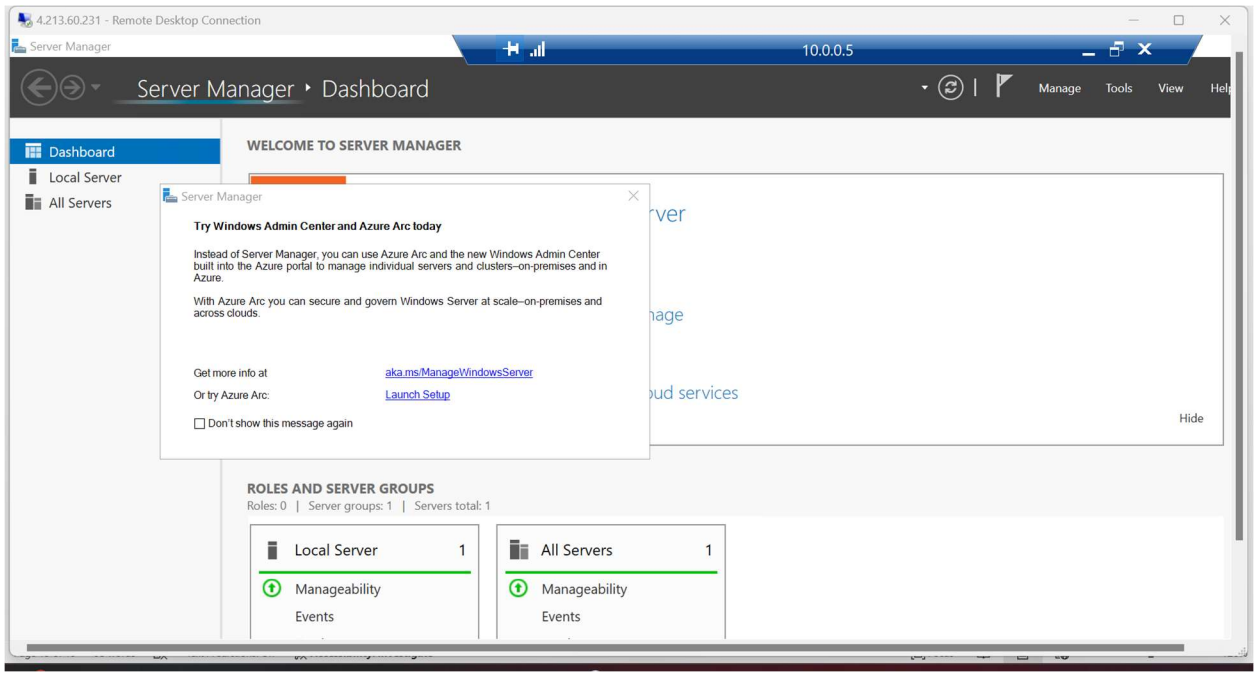
We are able to access internet from vm1

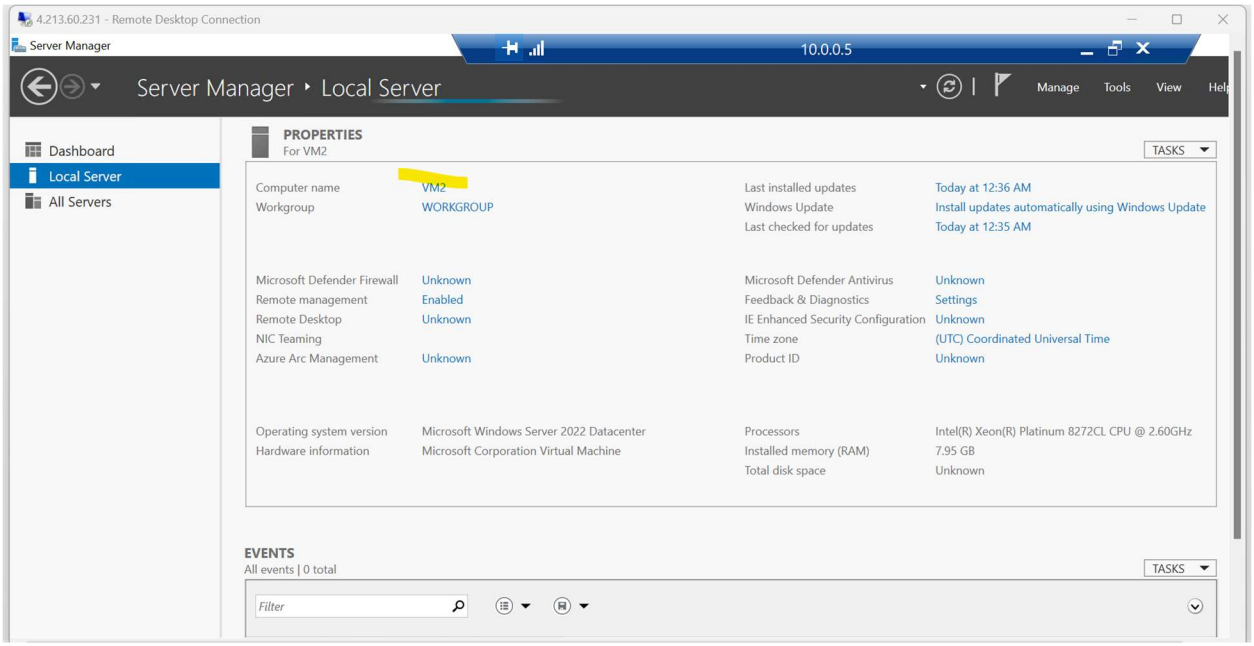


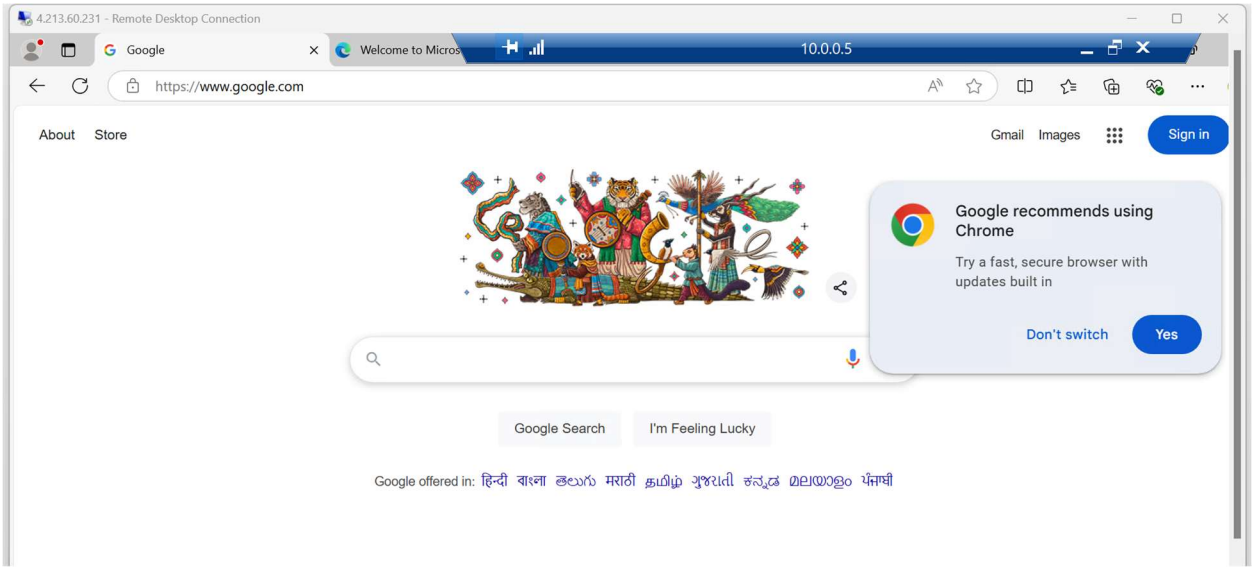
Take RDP access of vm2 from vm1

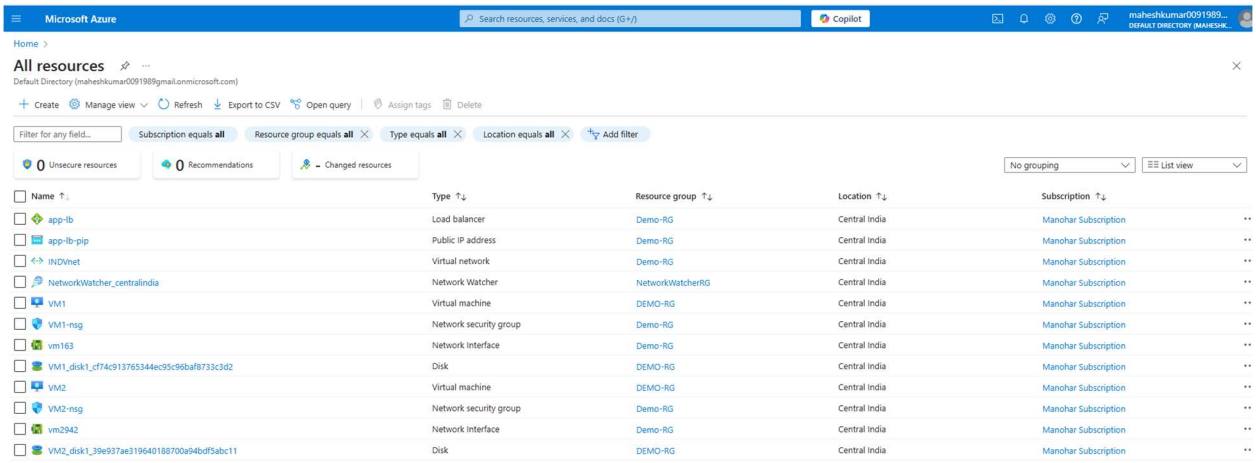



4.213.60.231 - Remote Desktop Connection
Google
Welcome to Microsoft Edge
https://www.google.com
About
Gmail
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.20348.3091]
(c) Microsoft Corporation. All rights reserved.
C:\Users\manohar>mstsc /v:10.0.0.5
C:\Users\manohar>
Remote Desktop Connection
The identity of the remote computer cannot be verified. Do you want to connect anyway?
The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.
Certificate name
Name in the certificate from the remote computer:
VM2
Certificate errors
The following errors were encountered while validating the remote computer's certificate:
The certificate is not from a trusted certifying authority.
Do you want to connect despite these certificate errors?
Don't ask me again for connections to this computer
View certificate...
Yes
No
India


4.213.60.231 - Remote Desktop Connection
Server Manager
10.0.0.5
Server Manager • Dashboard
Manage
Tools
View
Dashboard
Local Server
All Servers
WELCOME TO SERVER MANAGER
Server Manager
Try Windows Admin Center and Azure Arc today
Instead of Server Manager, you can use Azure Arc and the new Windows Admin Center built into the Azure portal to manage individual servers and clusters–on-premises and in Azure.
With Azure Arc you can secure and govern Windows Server at scale–on-premises and across clouds.
Get more info at
aka.ms/ManageWindowsServer
Or try Azure Arc:
Launch Setup
Don't show this message again
Hide
ROLES AND SERVER GROUPS
Roles: 0 | Server groups: 1 | Servers total: 1
Local Server 1
Manageability
Events
All Servers 1
Manageability
Events


4.213.60.231 - Remote Desktop Connection
Server Manager
10.0.0.5
Server Manager ‣ Local Server
Manage
Tools
View
Dashboard
Local Server
All Servers
PROPERTIES
For VM2
TASKS
Computer name
VM2
Workgroup
WORKGROUP
Last installed updates
Today at 12:36 AM
Windows Update
Install updates automatically using Windows Update
Last checked for updates
Today at 12:35 AM
Microsoft Defender Firewall
Unknown
Remote management
Enabled
Remote Desktop
Unknown
NIC Teaming
Azure Arc Management
Unknown
Microsoft Defender Antivirus
Unknown
Feedback & Diagnostics
Settings
IE Enhanced Security Configuration
Unknown
Time zone
(UTC) Coordinated Universal Time
Product ID
Unknown
Operating system version
Microsoft Windows Server 2022 Datacenter
Hardware information
Microsoft Corporation Virtual Machine
Processors
Intel(R) Xeon(R) Platinum 8272CL CPU @ 2.60GHz
Installed memory (RAM)
7.95 GB
Total disk space
Unknown
EVENTS
All events | 0 total
TASKS
Filter


4.213.60.231 - Remote Desktop Connection
Google
Welcome to Micros
10.0.0.5
https://www.google.com
About
Store
Gmail
Images
Sign in
Google recommends using Chrome
Try a fast, secure browser with updates built in
Don't switch
Yes
Google Search
I'm Feeling Lucky
Google offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ


Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
maheshkumar0091989...
DEFAULT DIRECTORY (MAHESHK...
Home
All resources
Default Directory (maheshkumar0091989gmail.onmicrosoft.com)
Create
Manage view
Refresh
Export to CSV
Open query
Assign tags
Delete
Filter for any field...
Subscription equals all
Resource group equals all
Type equals all
Location equals all
Add filter
0 Unsecure resources
0 Recommendations
Changed resources
No grouping
List view
Name
Type
Resource group
Location
Subscription
app-lb Load balancer Demo-RG Central India Manohar Subscription
app-lb-pip Public IP address Demo-RG Central India Manohar Subscription
INDVnet Virtual network Demo-RG Central India Manohar Subscription
NetworkWatcher_centralindia Network Watcher NetworkWatcherRG Central India Manohar Subscription
VM1 Virtual machine DEMO-RG Central India Manohar Subscription
VM1-nsg Network security group Demo-RG Central India Manohar Subscription
vm163 Network Interface Demo-RG Central India Manohar Subscription
VM1_disk1_cf74c913765344ec95c96baf8733c3d2 Disk DEMO-RG Central India Manohar Subscription
VM2 Virtual machine DEMO-RG Central India Manohar Subscription
VM2-nsg Network security group Demo-RG Central India Manohar Subscription
vm2942 Network Interface Demo-RG Central India Manohar Subscription
VM2_disk1_39e937ae31964018700a94bdf5abc11 Disk DEMO-RG Central India Manohar Subscription