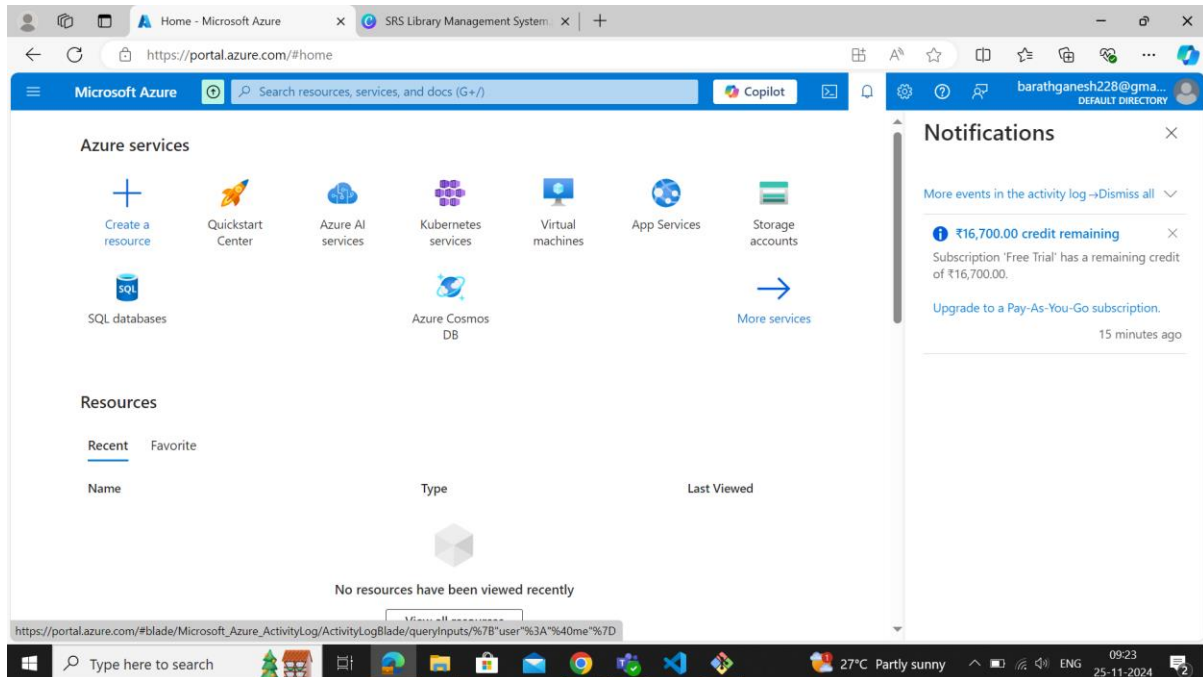
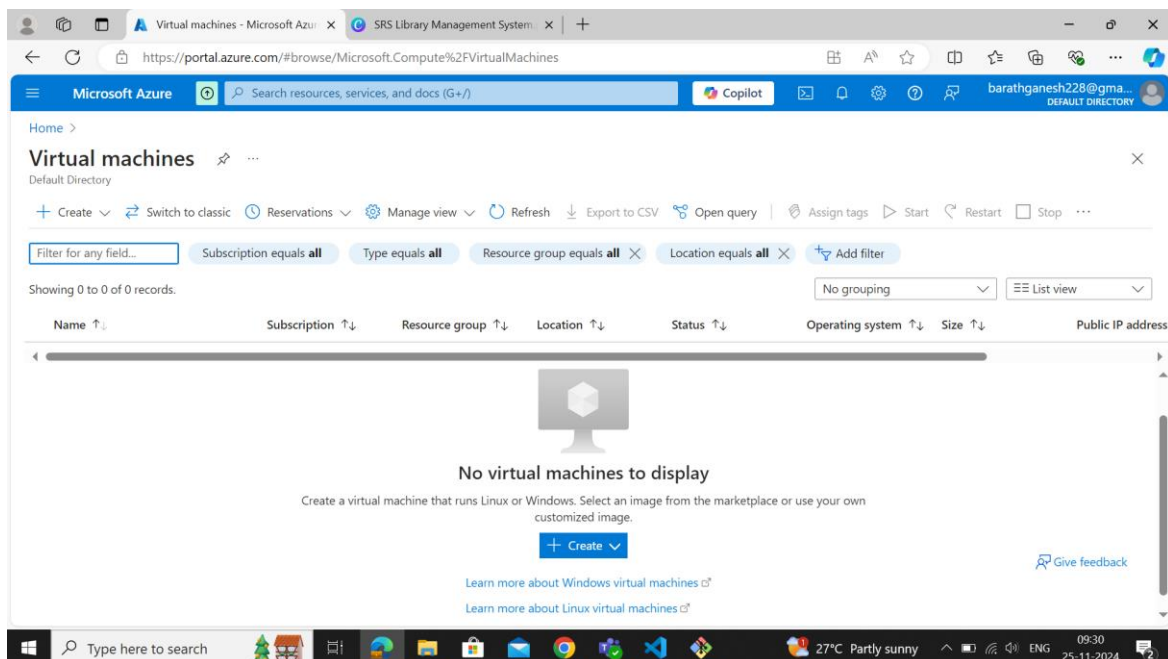


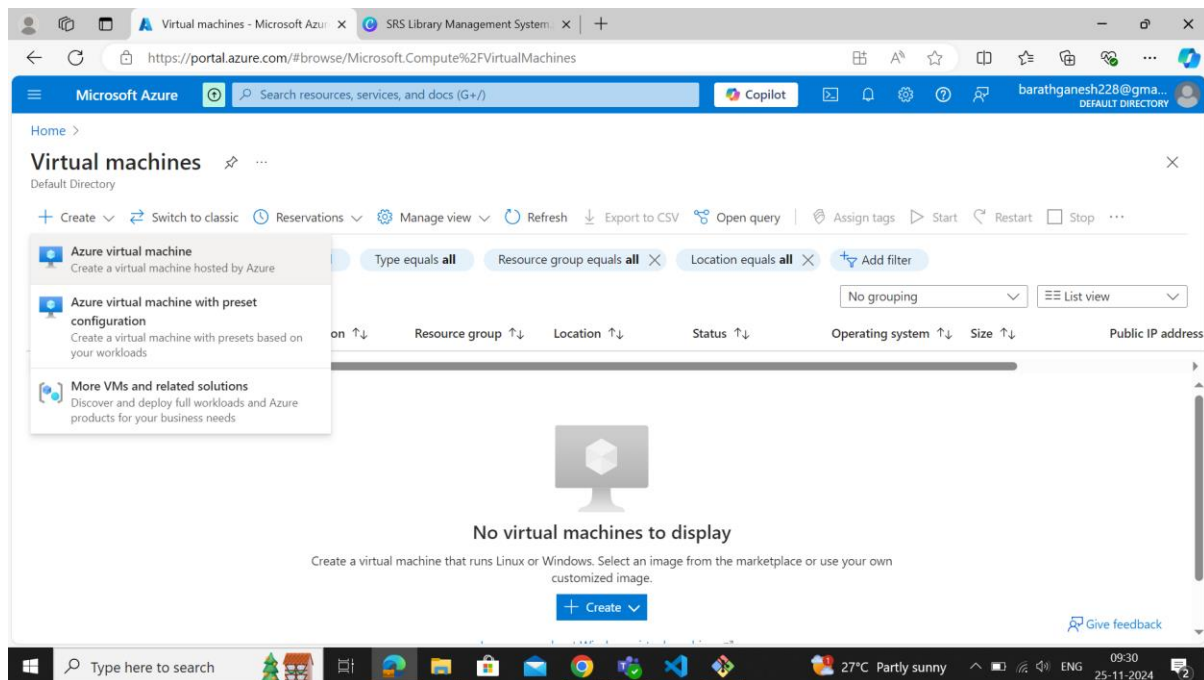
Open Azure portal in browser a log onto your account using the credentials



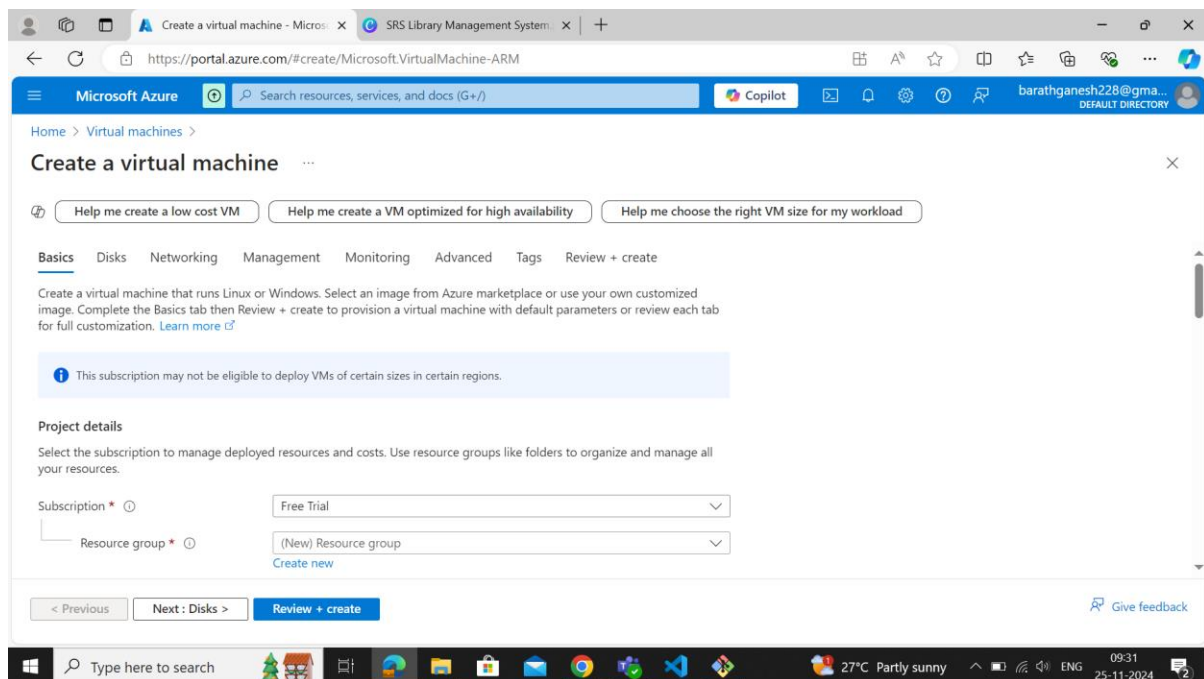
For accessing the virtual machine, we must create a resource in the dashboard or we've to search for Virtual machines in the search bar, then click on to the virtual machines in the list.



For creating a new virtual machine, click on create button and choose Virtual machine for creation



After clicking on it directs us to the page where we can be able to edit and do changes



Subscription type will be free trial for now

In resource group create new or add existing one

Name the virtual machine

Select the region

Choose the availability options

Select the operating system for your virtual machine

Choose the memory size in change size

For security enter username and password and public key can also be given

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Basics' tab. The page is titled 'Create a virtual machine' and includes a breadcrumb trail 'Home > Virtual machines >'. Below the title, there are three help links: 'Help me create a low cost VM', 'Help me create a VM optimized for high availability', and 'Help me choose the right VM size for my workload'. The 'Basics' tab is selected, and the page content includes a description of creating a VM that runs Linux or Windows, followed by a list of tabs: Basics, Disks, Networking, Management, Monitoring, Advanced, Tags, and Review + create. A blue information box states: 'This subscription may not be eligible to deploy VMs of certain sizes in certain regions.' The 'Project details' section asks the user to select a subscription and resource group. The 'Subscription' dropdown is set to 'Free Trial', and the 'Resource group' dropdown is set to '(New) vm_demo'. The 'Instance details' section includes fields for 'Virtual machine name' (set to 'demomachine'), 'Region' (set to '(Asia Pacific) South India'), 'Availability options' (set to 'No infrastructure redundancy required'), and 'Security type' (set to 'Trusted launch virtual machines'). At the bottom, there are navigation buttons: '< Previous', 'Next: Disks >', and 'Review + create'. A 'Give feedback' link is also present.

Microsoft Azure Upgrade Search resources, services, and docs (G+I) Copilot barathganech228@gmail.com

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](#)

This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

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

Subscription * Free Trial
Resource group * (New) vm_demo
[Create new](#)

Instance details

Virtual machine name * demomachine ✓
Region * (Asia Pacific) South India
Availability options No infrastructure redundancy required
Security type Trusted launch virtual machines
[Configure security features](#)

< Previous Next: Disks > Review + create Give feedback

Review and create the vm

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal, specifically the 'Review + create' tab. The page is for creating a VM named 'SRS Library Management System'. The 'Administrator account' section shows 'Username' as 'demouser' and 'Password' as 'One23@456789'. The 'Inbound port rules' section shows 'Public inbound ports' as 'Allow selected ports' and 'Select inbound ports' as 'RDP (3389)'. The 'Review + create' button is highlighted in blue. The taskbar at the bottom shows the Windows Start menu, search bar, and various application icons.

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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

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 * ✓

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 *

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

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

demouser

One23@456789

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal, specifically the 'Review + create' tab. The page displays the pricing for the VM: '1 X Standard B1s by Microsoft' with a price of '1.5890 INR/hr'. The 'TERMS' section shows the legal agreement. The 'Create' button is highlighted in blue. The taskbar at the bottom shows the Windows Start menu, search bar, and various application icons.

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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 B1s by Microsoft [Terms of use](#) | [Privacy policy](#)

Subscription credits apply

1.5890 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.

< Previous | Next > | **Create** | Download a template for automation | Give feedback

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

Create a virtual machine - Microsoft | SRS Library Management System

https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM

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

Subscription	Free Trial
Resource group	(new) vm_demo
Virtual machine name	demomachine
Region	South India
Availability options	No infrastructure redundancy required
Zone options	Self-selected zone
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Windows Server 2022 Datacenter: Azure Edition Hotpatch - Gen2
VM architecture	x64
Size	Standard B1s (1 vcpu, 1 GiB memory)
Enable Hibernation	No
Username	demouser
Public inbound ports	RDP
Already have a Windows license?	No
Azure Spot	No

< Previous | Next > | Create

Download a template for automation | Give feedback

Type here to search | 26°C Partly sunny | 09:55 25-11-2024

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

Create a virtual machine - Microsoft | SRS Library Management System

https://portal.azure.com/#create/Microsoft.VirtualMachine-ARM

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

Disks

OS disk size	Image default
OS disk type	Premium SSD LRS
Use managed disks	Yes
Delete OS disk with VM	Enabled
Ephemeral OS disk	No

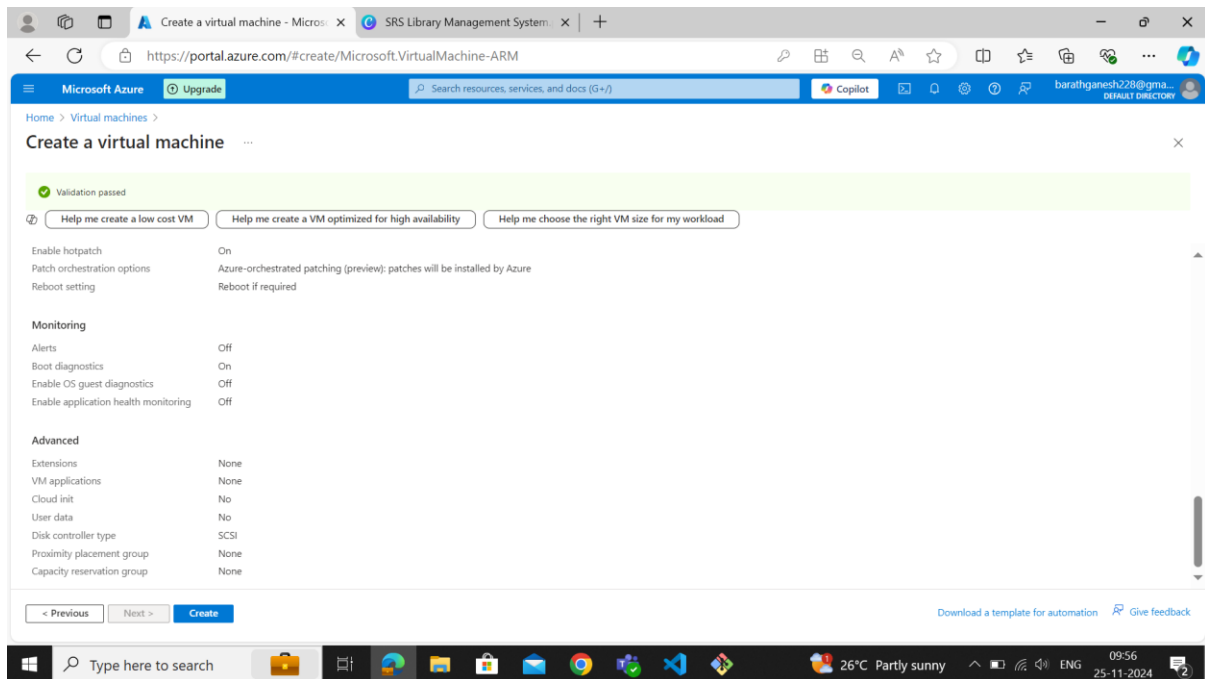
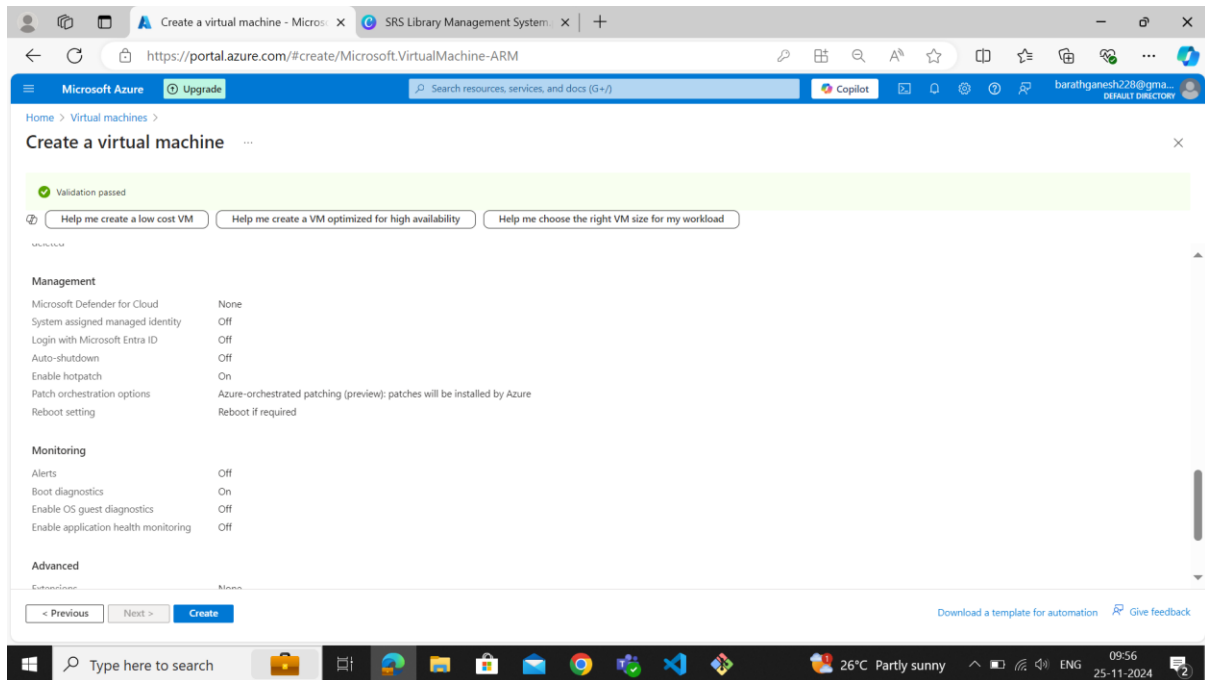
Networking

Virtual network	(new) demomachine-vnet
Subnet	(new) default (10.0.0.0/24)
Public IP	(new) demomachine-ip
Accelerated networking	Off
Place this virtual machine behind an existing load balancing solution?	No
Delete public IP and NIC when VM is deleted	Disabled

< Previous | Next > | Create

Download a template for automation | Give feedback

Type here to search | 26°C Partly sunny | 09:55 25-11-2024



Deployment will begin in a few seconds and status of it will be seen

Go to the created vm in azure portal

Click on vm and get the public ip address

Use public ip address to connect the vm using remote desktop(RDP) for windows users

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

CreateVm-MicrosoftWindowsServer.WindowsServer-202-20241125095000 | Overview

Deployment

Search

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe... Start time: 11/25/2024, 9:56:50 AM
Subscription: Free Trial Correlation ID: 40939e52-96dd-4e41-a4ac-1975c9892f4d

Resource group: vm_demo

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

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CreateVm-MicrosoftWindowsServer.WindowsServer-202-20241125095000

Deployment

Search

Overview

Inputs

Outputs

Template

Deployment in progress...

Deployment to resource group 'vm_demo' is in progress.

Microsoft Azure | Overview

Deployment

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe... Start time: 11/25/2024, 9:56:50 AM
Subscription: Free Trial Correlation ID: 40939e52-96dd-4e41-a4ac-1975c9892f4d
Resource group: vm_demo

Deployment details

Resource	Type	Status	Operation details
demomachine	Microsoft.Compute/virtualMachines	Created	Operation details
demomachine640	Microsoft.Network/networkInterfaces	Created	Operation details
demomachine-ip	Microsoft.Network/publicIPAddresses	OK	Operation details
demomachine-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
demomachine-nsg	Microsoft.Network/networkSecurity...	OK	Operation details

Give feedback
Tell us about your experience with deployment

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Find an Azure expert >

Microsoft Azure | demomachine

Virtual machines

demomachine

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

Automation

Help

Essentials

Resource group (move)
vm_demo

Status
Running

Location
South India

Subscription (move)
Free Trial

Subscription ID
c6d2277e-1627-4b25-9a99-36d9dc21eb35

Tags (edit)
Add tags

Operating system
Windows (Windows Server 2022 Datacenter Azure Edition)

Size
Standard B1s (1 vcpu, 1 GiB memory)

Public IP address
13.71.92.85

Virtual network/subnet
demomachine-vnet/default

DNS name
Not configured

Health state
-

Time created
11/25/2024, 4:26 AM UTC

Properties

Virtual machine

Computer name
demomachine

Networking

Public IP address
13.71.92.85 (Network interface demomachine640)

demomachine - Microsoft Azure x SRS Library Management System: x +

https://portal.azure.com/#@barathganesh228gmail.onmicrosoft.com/resource/subscriptions/c6d2277e-f627-4...

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

Home > Virtual machines > demomachine

Virtual machine

Search Help me copy this VM in any region

Overview Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback CU / PS

Activity log Access control (IAM) Tags Diagnose and solve problems > Connect > Networking > Settings > Availability + scale > Security > Backup + disaster recovery > Operations > Monitoring > Automation > Help

Essentials

Resource group (move) : vm_demo

Status : Stopped (deallocated)

Location : South India

Subscription (move) : Free Trial

Subscription ID : c6d2277e-f627-4b25-9a99-36d9dc21eb35

Operating system : Windows

Size : Standard B1s (1 vcpu, 1 GiB memory)

Public IP address : 13.71.92.85

Virtual network/subnet : demomachine-vnet/default

DNS name : Not configured

Health state : -

Time created : 11/25/2024, 4:26 AM UTC

Tags (edit) : Add tags

Properties Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine

Computer name : demomachine

Operating system : Windows

VM generation : V2

VM architecture : x64

Hibernation : Disabled

Host group : -

Networking

Public IP address : 13.71.92.85 (Network interface demomachine640)

Public IP address (IPv6) : -

Private IP address : 10.0.0.4

Private IP address (IPv6) : -

Virtual network/subnet : demomachine-vnet/default

DNS name : Configure

Type here to search

USD/INR -0.18%

ENG 11:42 25-11-2024

demomachine - Microsoft Azure x SRS Library Management System: x +

https://portal.azure.com/#@barathganesh228gmail.onmicrosoft.com/resource/subscriptions/c6d2277e-f627-4...

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

Home > Virtual machines > demomachine | Connect

Virtual machine

Search Refresh Troubleshoot More Options Feedback

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

Connecting using Public IP address | 13.71.92.85

Admin username : demouser

Port (change) : 3389 Check access

Just-in-time policy : Unsupported by plan

Most common

Native RDP

Connect via native RDP without any additional software needed. Recommended for testing only.

Public IP address (13.71.92.85)

Select Download RDP file

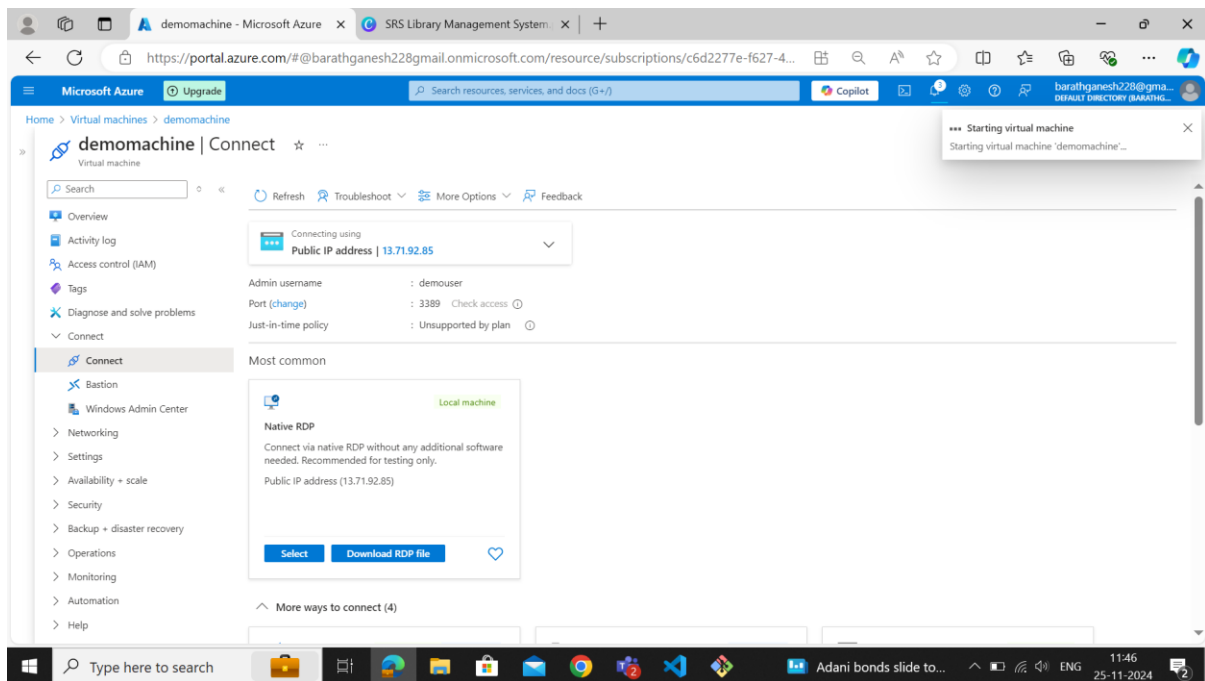
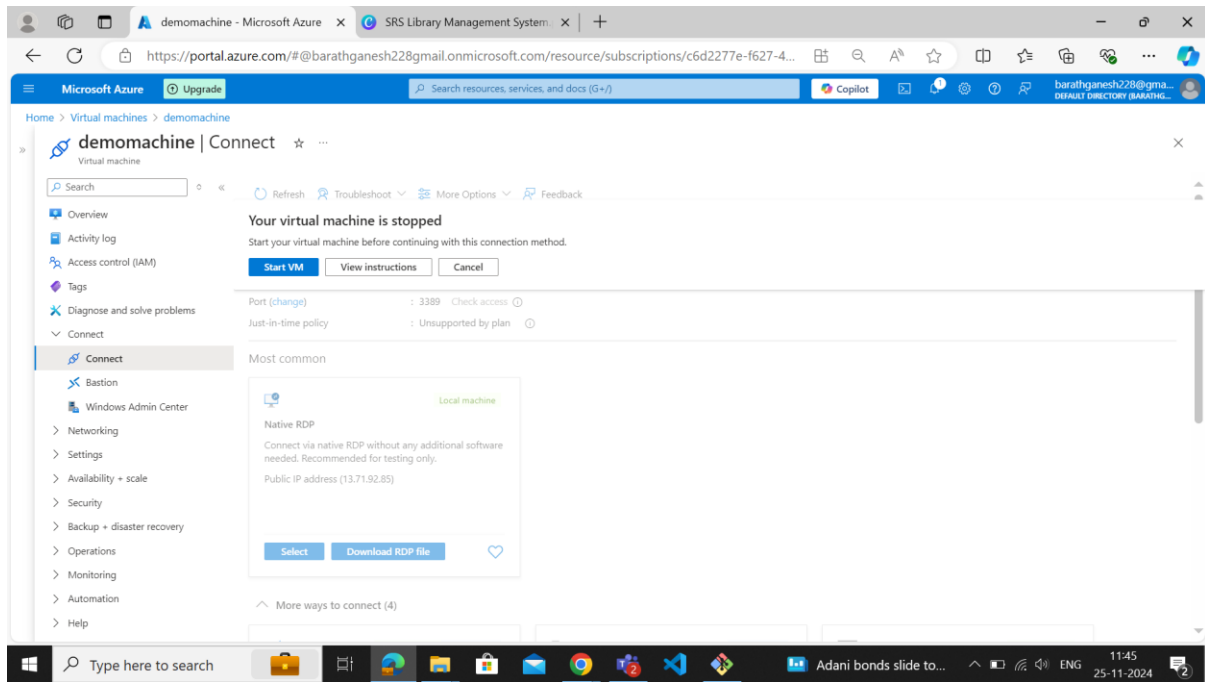
More ways to connect (4)

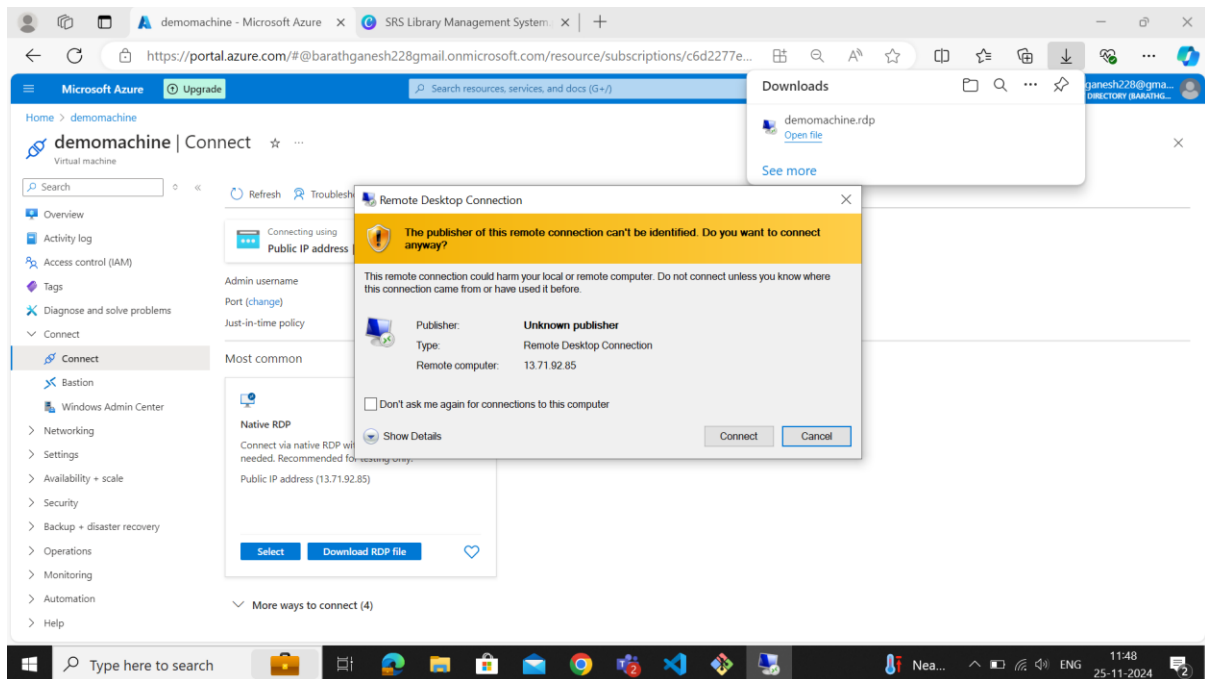
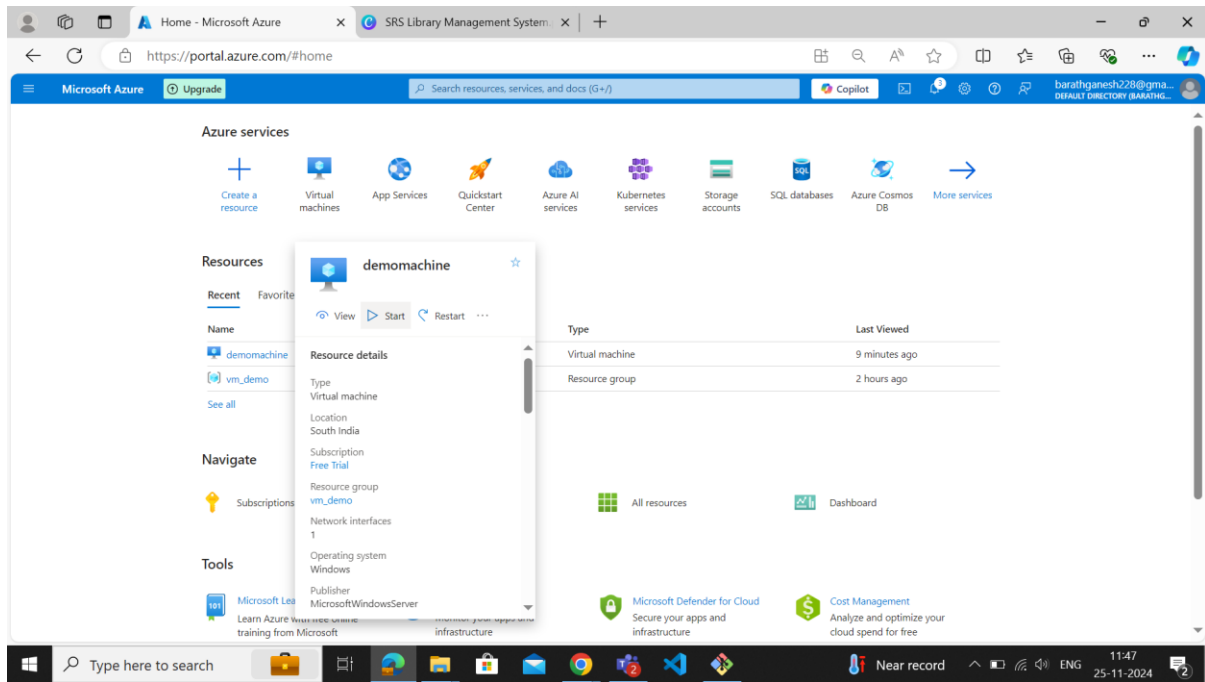
https://portal.azure.com/#@barathganesh228gmail.onmicrosoft.com/resource/subscriptions/c6d2277e-f627-4b25-9a99-36d9dc21eb35/resourceGroups/vm_demo/providers/Microsoft.Compute/virtualMachines/demomachine/conn...

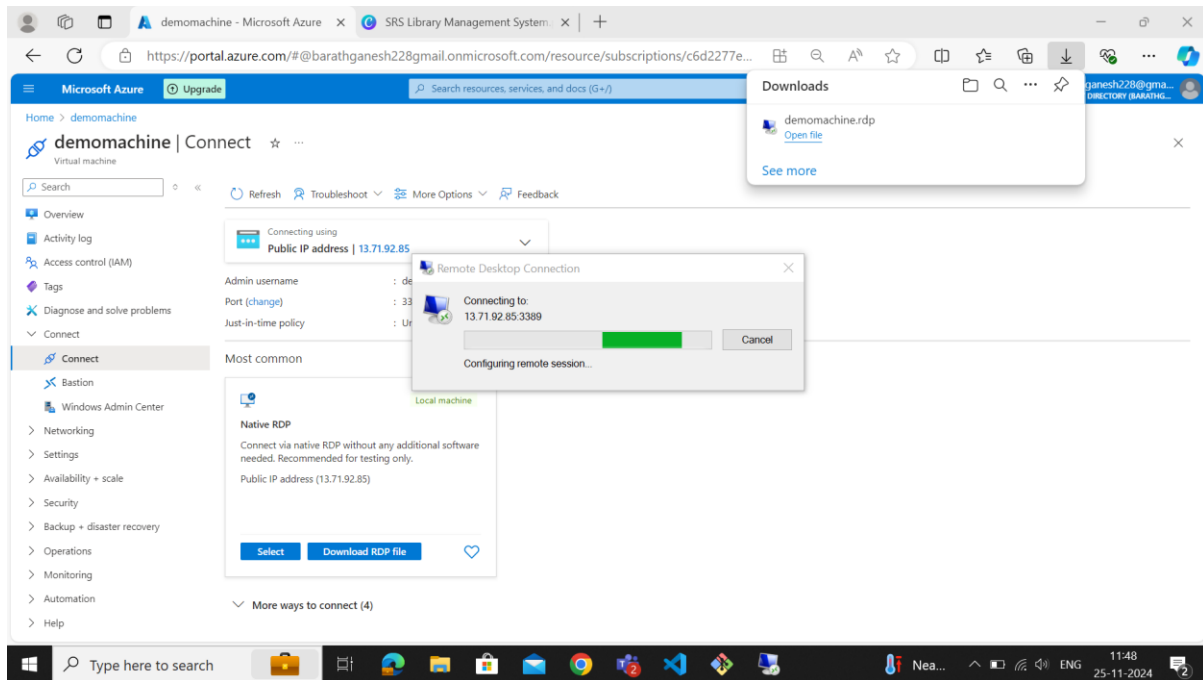
Type here to search

USD/INR -0.18%

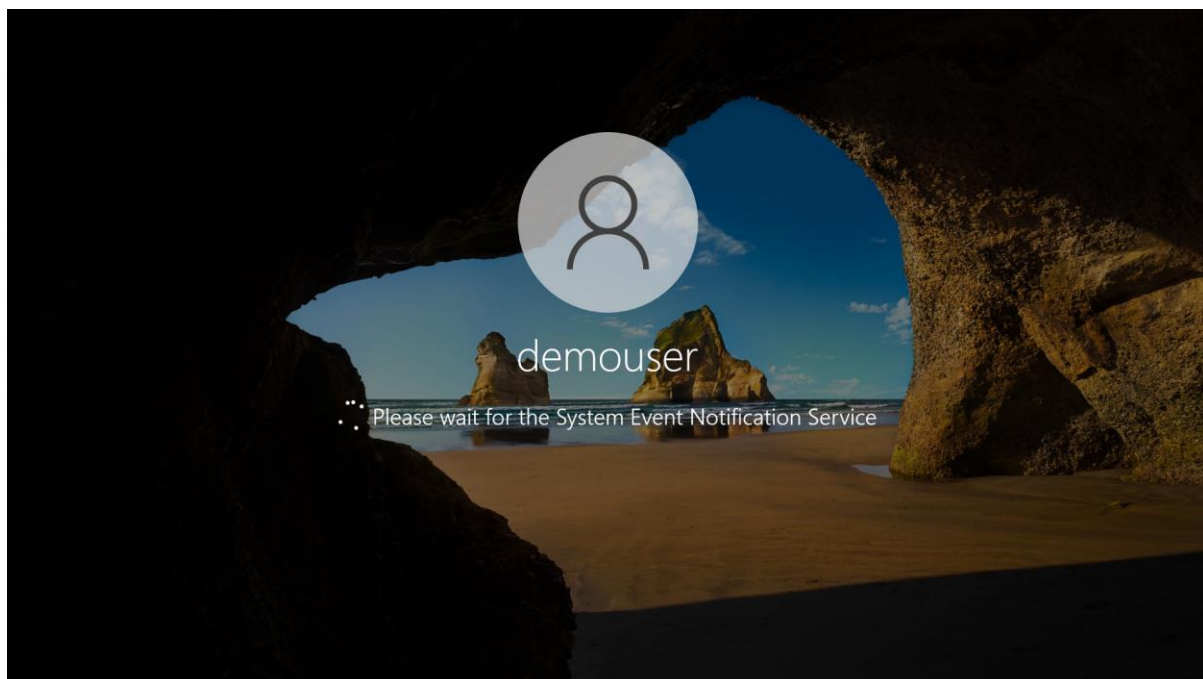
ENG 11:43 25-11-2024

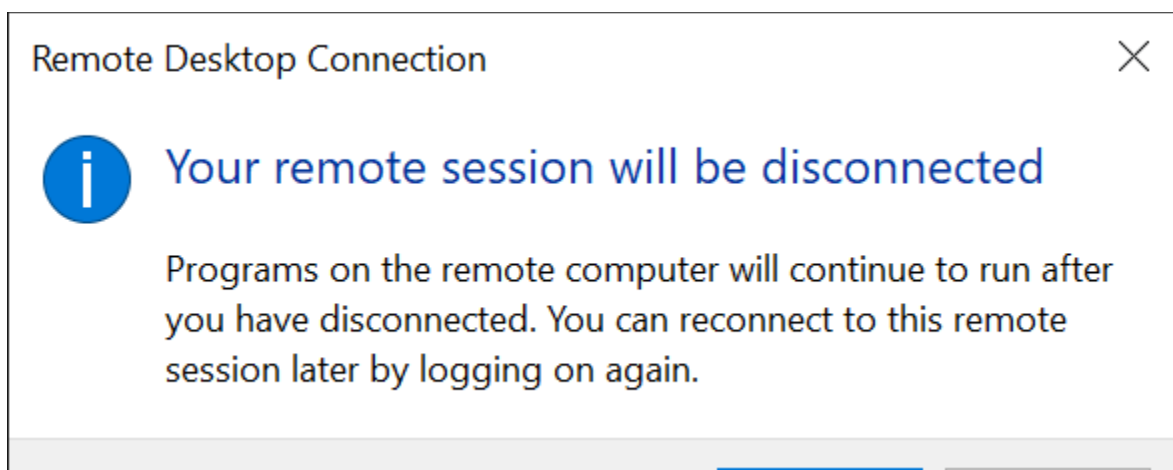
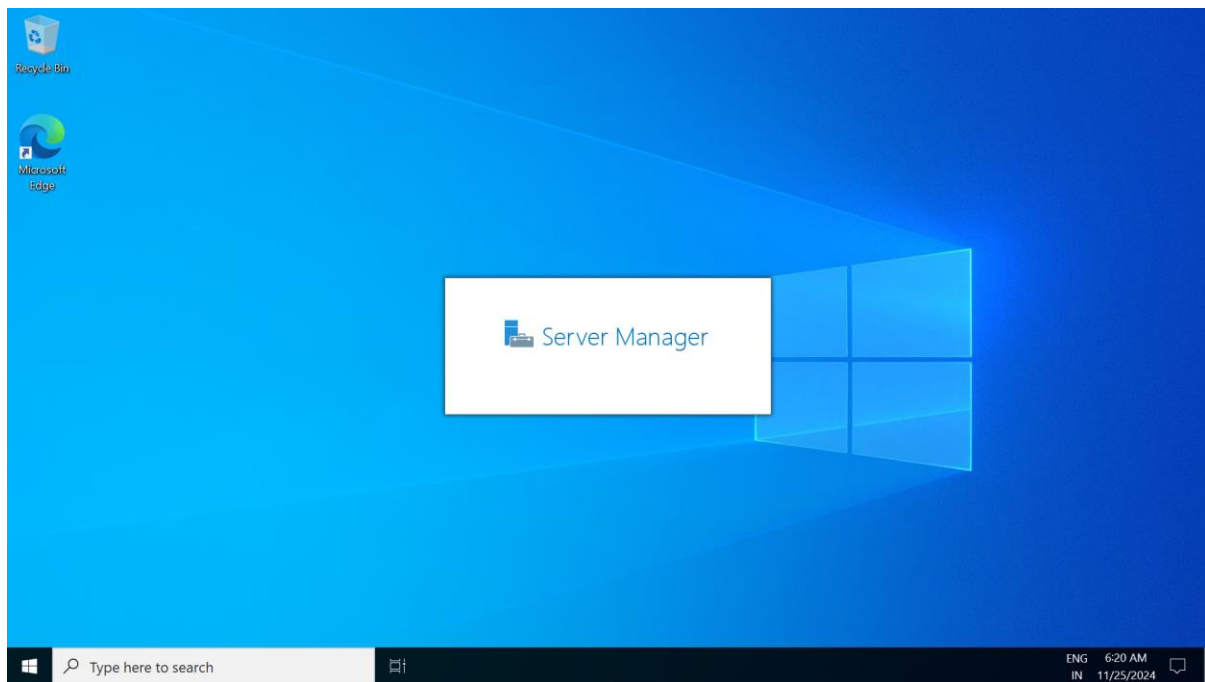






Inside Virtual machine





Delete the virtual machine after use