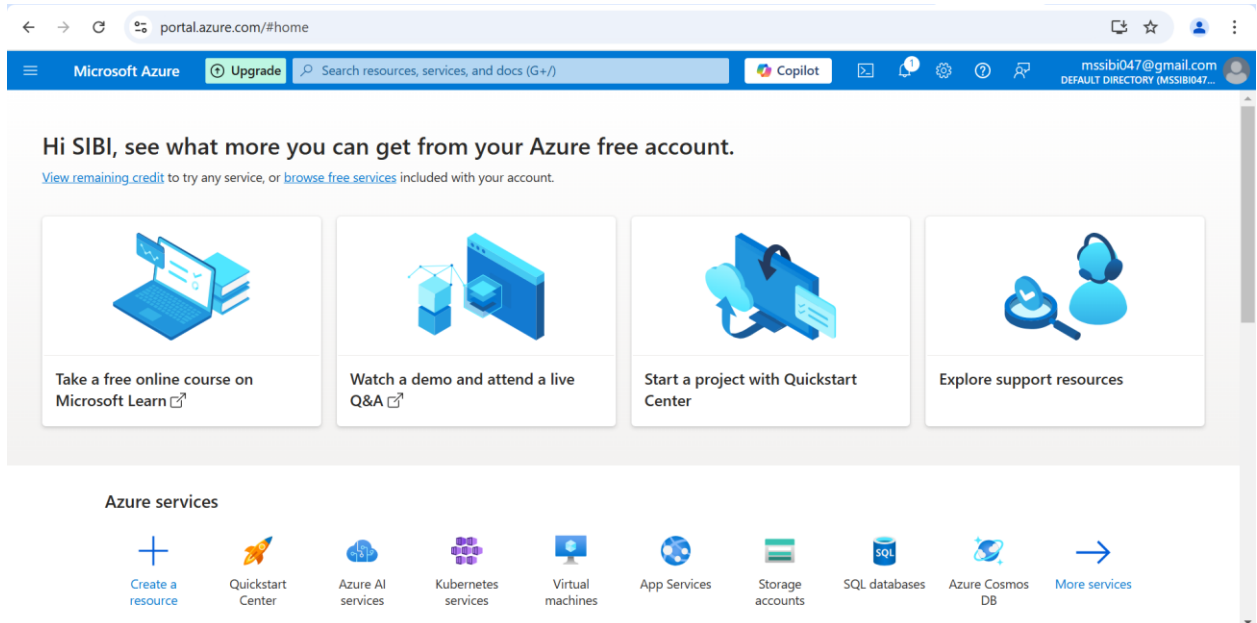


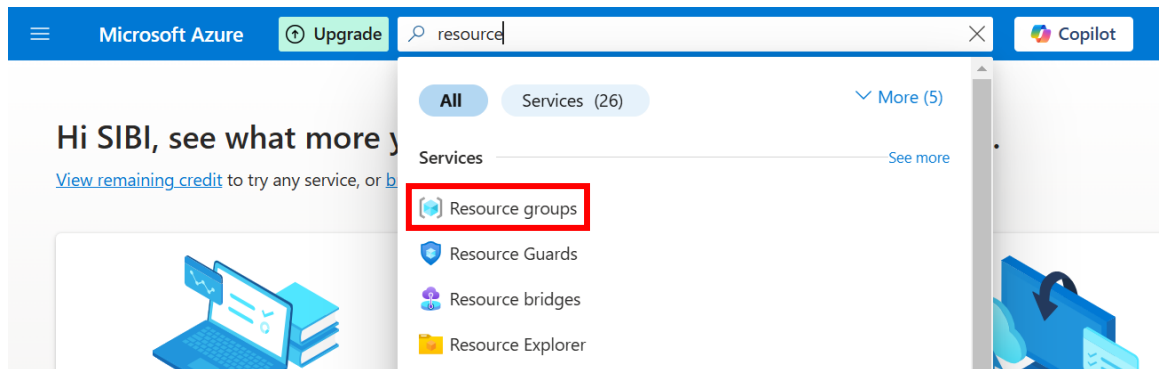
Title : Azure – Virtual Machine
Author : Sibi Senthilkumar
Created On : 21.11.2024
Last Modified Date : 22.11.2024
Reviewed By :
Reviewed On :

AZURE VM Machine

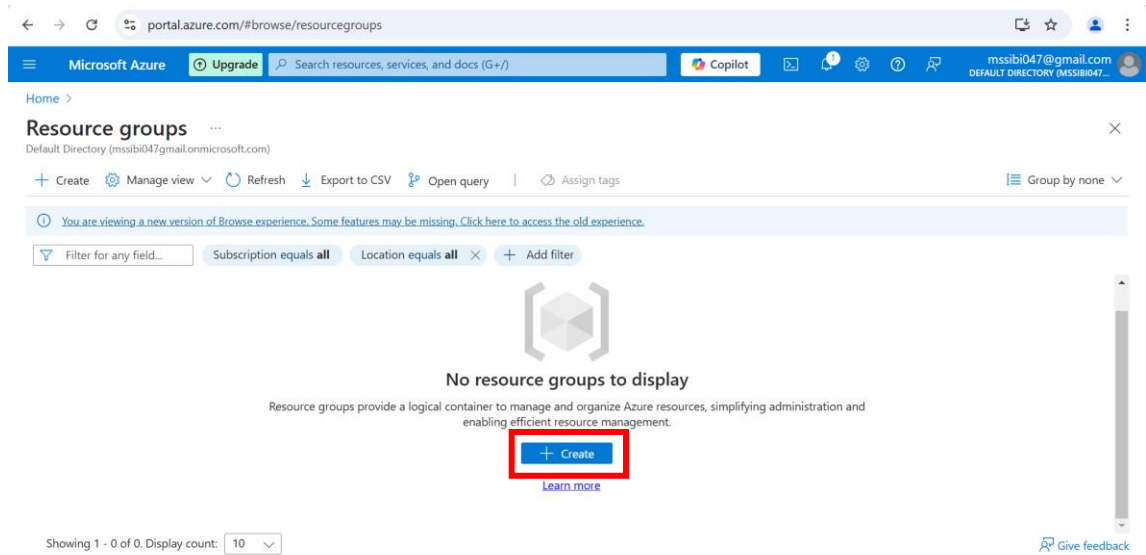
1. Navigate to azure portal and click on Virtual Machines in Azure Services.



2. Find the search area and search for Resource Groups.



3. Create a resource group.



Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * ⓘ Free Trial ▼

Resource group * ⓘ learning-phase-RG ✓

Resource details

Region * ⓘ (Asia Pacific) South India ▼

Basics Tags Review + create

Not necessary when creating single VM

Apply tags to your Azure resources to logically organize them by categories. A tag consists of a key (name) and a value. Tag names are case-insensitive and tag values are case-sensitive. [Learn more](#)

Name ⓘ	Value ⓘ	Resource
keyvalue	hidden	Resource group 🗑️

4. Review and Create your Resource Group

[Home](#) > [Resource groups](#) >

Create a resource group ...

✔ Validation passed.

Basics Tags Review + create

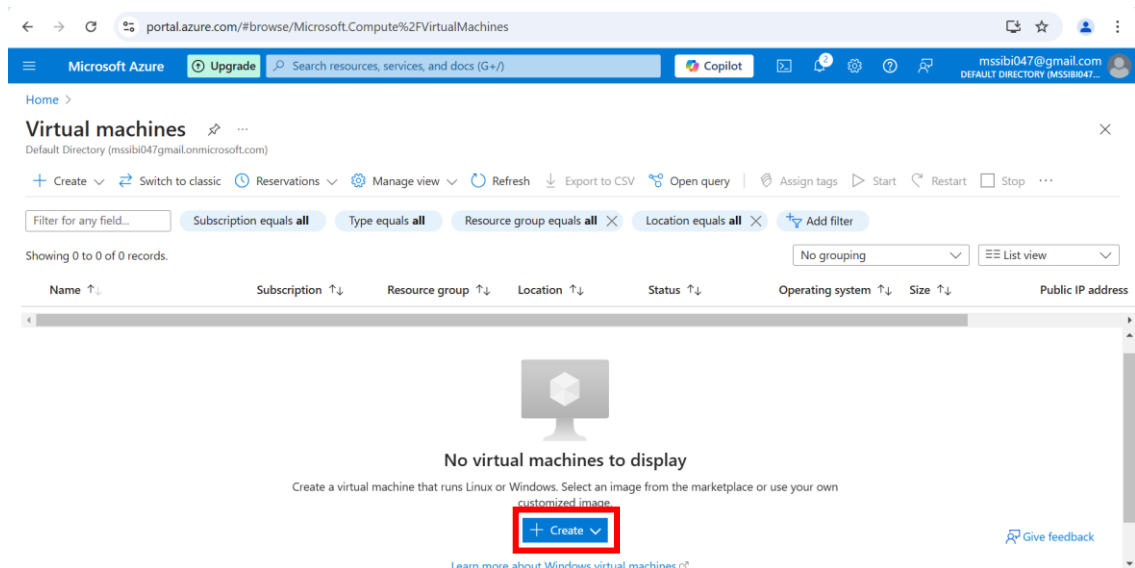
Basics

Subscription	Free Trial
Resource group	learning-phase-RG
Region	South India

Tags

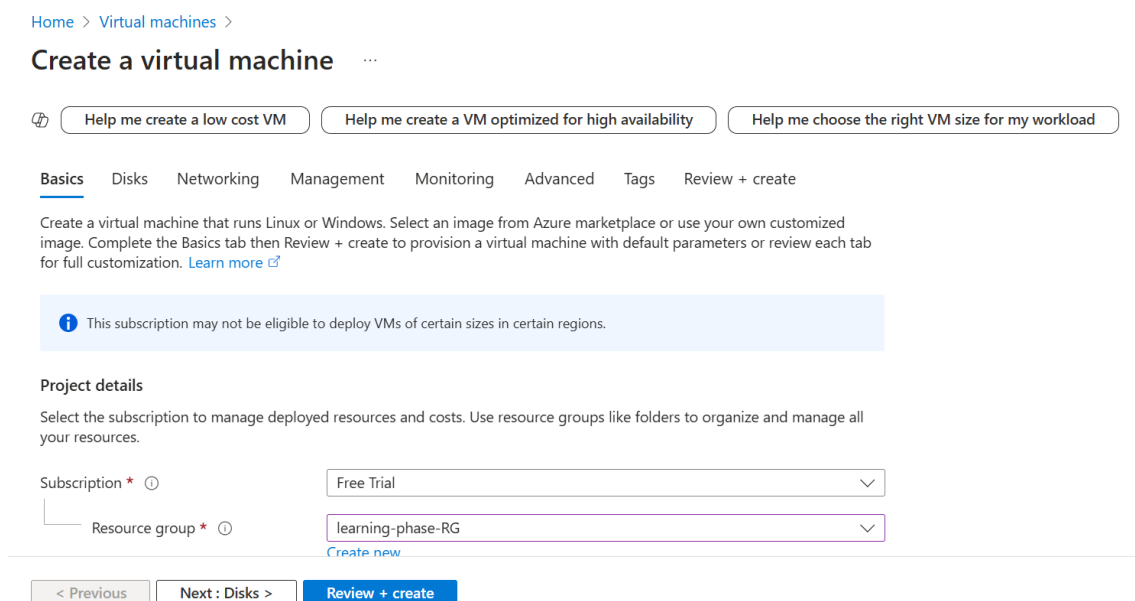
keyvalue	hidden
----------	--------

5. Navigate to Virtual Machine in Home and Create a virtual machine.



The screenshot shows the Azure portal interface for Virtual machines. The top navigation bar includes the Microsoft Azure logo, an Upgrade button, a search bar, and a Copilot button. The user's profile is visible in the top right corner. The main content area shows the 'Virtual machines' page with a message 'No virtual machines to display' and a '+ Create' button highlighted with a red box. Below the message, there is a link to 'Learn more about Windows virtual machines'.

6. Fill the required details such as OS Image, Size, Region and



The screenshot shows the 'Create a virtual machine' wizard in the Azure portal. The 'Basics' tab is selected, showing fields for Subscription, Resource group, and a 'Review + create' button. The 'Subscription' field is set to 'Free Trial' and the 'Resource group' field is set to 'learning-phase-RG'. The 'Review + create' button is highlighted with a blue box.

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 *

Resource group *

[Create new](#)

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

7. Review and Create the Virtual Machine.

Microsoft Azure Upgrade 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 DS1 v2
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ
6.9884 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 its service providers.

< Previous Next > **Create** Download

8. Deployment will be initialized.

Submitting deployment...

Submitting the deployment template for resource group 'learning-phase-RG'.

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

Home >

CreateVm-MicrosoftWindowsDesktop.Windows-10-win10-20241122132442 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview Inputs Outputs Template

Deployment is in progress

Deployment name: CreateVm-MicrosoftWindowsDesktop... Start time: 11/22/2024, 1:48:44 PM
Subscription: Free Trial Correlation ID: e257411f-c466-4694-9a4
Resource group: learning-phase-RG

Deployment details

Resource	Type	Status	Operation details
testServer	Microsoft.Compute/vir...	Created	Operation details
testServer527_z1	Microsoft.Network/net...	Created	Operation details
testServer-vnet	Microsoft.Network/virt...	OK	Operation details
testServer-ip	Microsoft.Network/pu...	OK	Operation details
testServer-nsg	Microsoft.Network/net...	OK	Operation details

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Home > **CreateVm-MicrosoftWindowsDesktop.Windows-10-win10-20241122132442** | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsDesktop.... Start time: 11/22/2024, 1:48:44 PM
Subscription: [Free Trial](#) Correlation ID: e257411f-c466-4694-9a4
Resource group: [learning-phase-RG](#)

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](#)

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[Tell us about your experience with deployment](#)

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9. Press Connect and you will be redirected to next page.

Home > **testServer** | Virtual machine

Search

testServer virtual machine agent status is not ready. Troubleshoot the issue →

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback

Essentials

Resource group ([move](#))
[learning-phase-RG](#)

Status
Running

Location
Central India (Zone 1)

Subscription ([move](#))
[Free Trial](#)

Subscription ID
8e467e59-b38f-4baf-a5b7-9a468480dbbd

Availability zone
1

Operating system
Windows

Size
Standard D51 v2 (1 vcpu, 3.5 GiB memory)

Public IP address
[74.225.253.213](#)

Virtual network/subnet
[testServer-vnet/default](#)

DNS name
[Not configured](#)

Health state
-

JSON View

Home > **testServer** | Connect

Search

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 (74.225.253.213)

[Select](#) [Download RDP file](#)

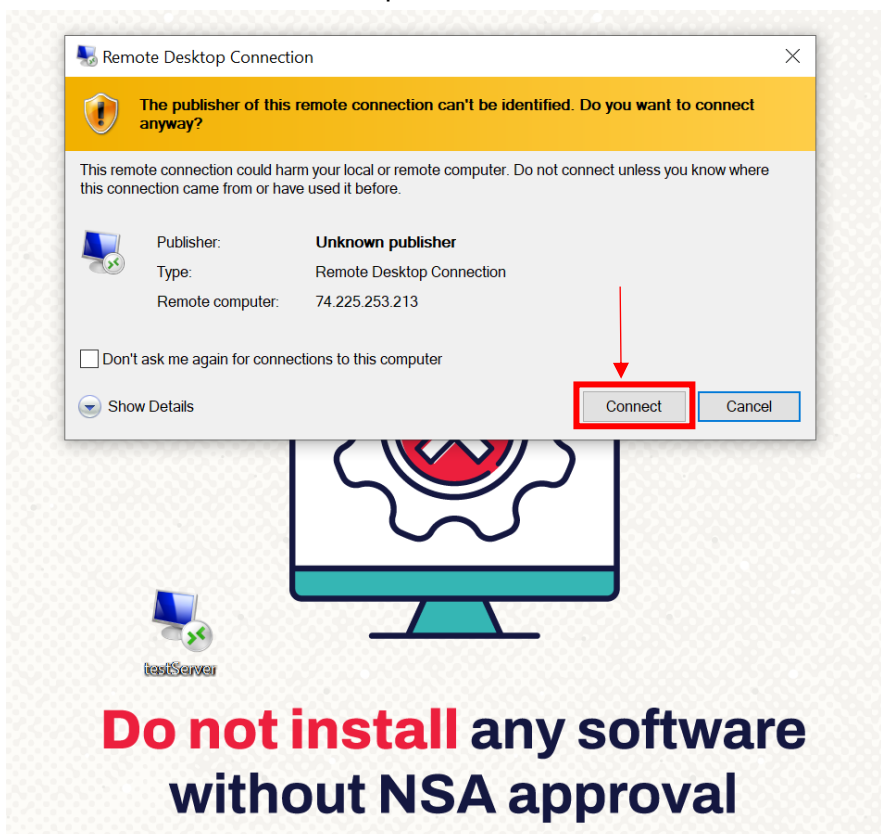
More ways to connect (4)

10. Download the Native **RDP file** [Remote Desktop Protocol] for windows machine.

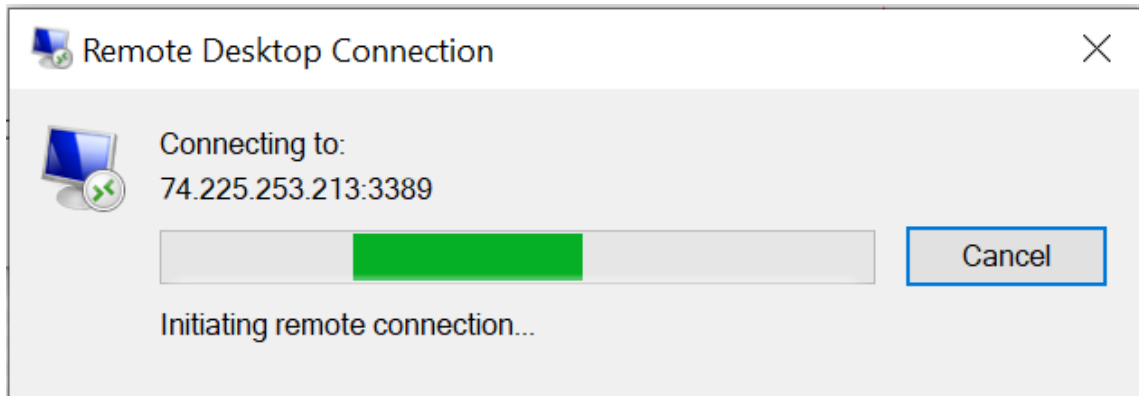
11. Copy the RDP file to Desktop and run/open the file.



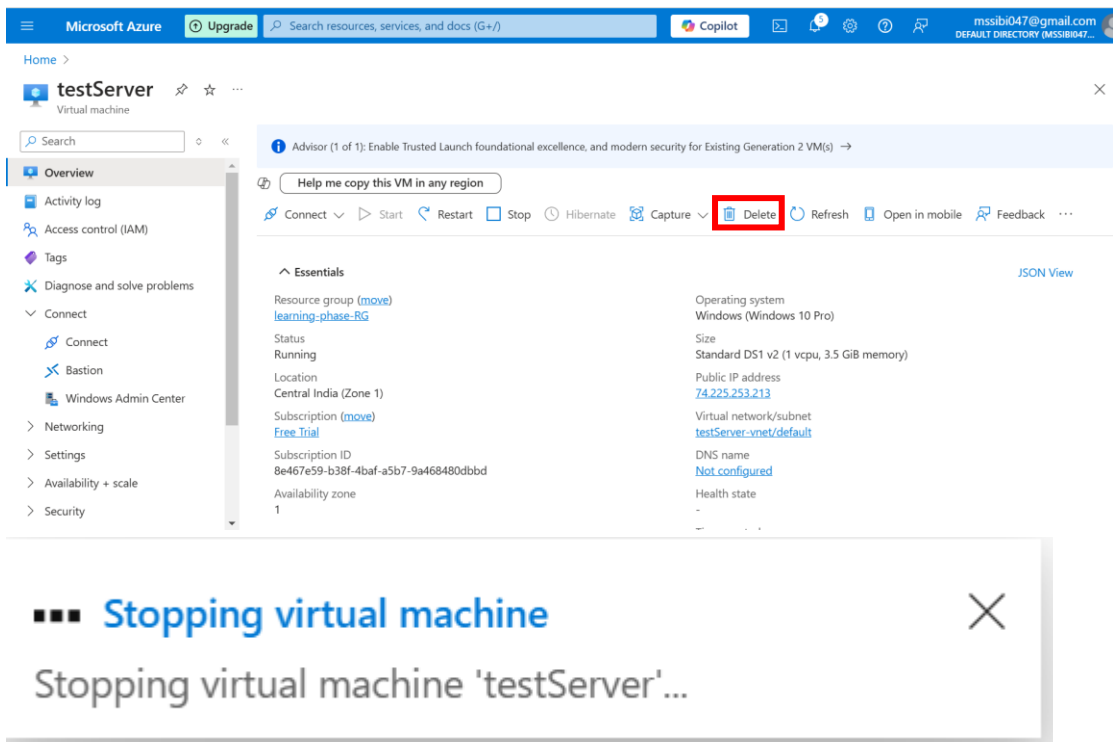
12. Connect the remote desktop.



13. Connecting to Public IP



14. Don't forget to stop and terminate the instance.



15. Delete the instance

Delete testServer

testServerVirtual machine

☒ Apply force delete ⓘ
i This virtual machine can be safely force deleted because all of its associated resources are being deleted.

You can also choose to delete associated resources at the same time. Resources that aren't deleted will be orphaned. Associated resources that are in use by other resources are not shown here.

Associated resource type	Quantity	Delete with VM
> OS disk	1	<input checked="" type="checkbox"/>
> Network interfaces	1	<input checked="" type="checkbox"/>

☒ I have read and understand that this virtual machine as well as any selected associated resources listed above will be deleted.

DeleteCancel

Feedback

Deleting virtual machine 'testServer'

Deleting virtual machine 'testServer' and any selected resource(s) associated with it.