

TASK-1

Virtual Machine Creation

1. Creating Resource Group:

portal.azure.com/?quickstart=true#create/Microsoft.ResourceGroup

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

Home > Resource groups >

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 * ⓘ sowmiya

Resource details

Region * ⓘ (US) East US

Review + create < Previous Next : Tags >

Type here to search

portal.azure.com/?quickstart=true#create/Microsoft.ResourceGroup

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Home > Resource groups >

Create a resource group

✓ Validation passed.

Basics Tags Review + create

Basics

Subscription	Free Trial
Resource group	sowmiya
Region	East US

Tags

None

Create < Previous Next > Download a template for automation

Type here to search

portal.azure.com/?quickstart=true#view/HubsExtension/BrowseResourceGroups

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot sowmiya2782002@gma... DEFAULT DIRECTORY

Home >Resource groups

Default Directory

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Location equals all Add filter

Showing 1 to 1 of 1 records. No grouping List view

Name	Subscription	Location
sowmiya	Free Trial	East US

< Previous Page of 0 Next > Give feedback

Type here to search 25°C 09:19 30-01-2025

2. Creating Virtual Machine

portal.azure.com/?quickstart=true#browse/Microsoft.Compute%2FVirtualMachines

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Home >Virtual machines


Default Directory

+ Create Switch to classic Reservations Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop

Filter for any field... Subscription equals all Type equals all Resource group equals all Location equals all Add filter

Showing 0 to 0 of 0 records. No grouping List view

Name	Subscription	Resource group	Location	Status	Operating system	Size	Public IP address
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No virtual machines to display

Create a virtual machine that runs Linux or Windows. Select an image from the marketplace or use your own customized image.

+ Create

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Home > Virtual machines >

Create a virtual machine

X

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

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 * ⓘ sowmiya

Create new

Instance details

Virtual machine name * ⓘ Demo

Region * ⓘ (US) East US

Availability options ⓘ Availability zone

< Previous

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Home > Virtual machines >

Create a virtual machine

X

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

Availability zone * ⓘ Zone 3

You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

Security type ⓘ Trusted launch virtual machines

Configure security features

Image * ⓘ Ubuntu Server 24.04 LTS - x64 Gen2 (free services eligible)

See all images | Configure VM generation

VM architecture ⓘ

Arm64

x64

Run with Azure Spot discount ⓘ

< Previous

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portal.azure.com/?quickstart=true#@sowmiya2782002gmail.onmicrosoft.com/resource/subscriptions/c3124cd2-2616-4df6-9160-18c4f8859b09/resource...

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Home > CreateVm-canonical.ubuntu-24_04-lts-server-20250130092156 | Overview >

DemoVirtual machine

SearchHelp me copy this VM in any region

OverviewActivity logAccess control (IAM)TagsDiagnose and solve problemsConnectNetworkingSettingsAvailability + scaleSecurityBackup + disaster recoveryOperationsMonitoring

ConnectStartRestartStopHibernateCaptureDeleteRefreshOpen in mobileFeedback

Essentials

Resource group (move)sowmiyaStatusRunningLocationEast US (Zone 3)Subscription (move)Free TrialSubscription IDc3124cd2-2616-4df6-9160-18c4f8859b09Availability zone3

Operating systemLinux (ubuntu 24.04)SizeStandard B1s (1 vcpu, 1 GiB memory)Public IP address172.210.80.158Virtual network/subnetDemo-vnet/defaultDNS nameNot configuredHealth state-Time created1/30/2025, 3:59 AM UTC

JSON View

Type here to search24°C09:3130-01-2025