

# Azure Account Creation and Virtual Machine Setup

## 1. Introduction

This Documentation provides a step-by-step explanation of how to create an Azure account and deploy a virtual machine (VM) in the Central India region. The document uses the VM named Avengers as an example and is designed to help beginners get started with Microsoft Azure services.

## 2. Azure Account Creation

To begin using Azure, you first need to create an account. Follow these steps:

- 1. Open the Azure Portal:** Navigate to Azure Portal.
- 2. Sign Up:** Click on "Create an account" and enter your preferred email address.
- 3. Verify Your Identity:**
  - Provide your phone number for authentication.
  - Add debit card details for verification (no charges apply during the free trial).

## 4. Activate Your Free Trial:

You will receive ₹16,700 in free credits.

This allows you to explore various Azure services for a limited period.

**5. Access the Dashboard:** Once the setup is complete, you can start using the Azure Portal.

## 3. Virtual Machine Setup

Steps to Create a VM

- 1. Log in to the Azure Portal:** Use the credentials from your newly created account.
- 2. Navigate to the Quickstart Center:** This is a beginner-friendly guide for Azure services.

### 3. Create a Resource:

- Click on "Create a resource."
- Select "Virtual Machine" under the Compute category.

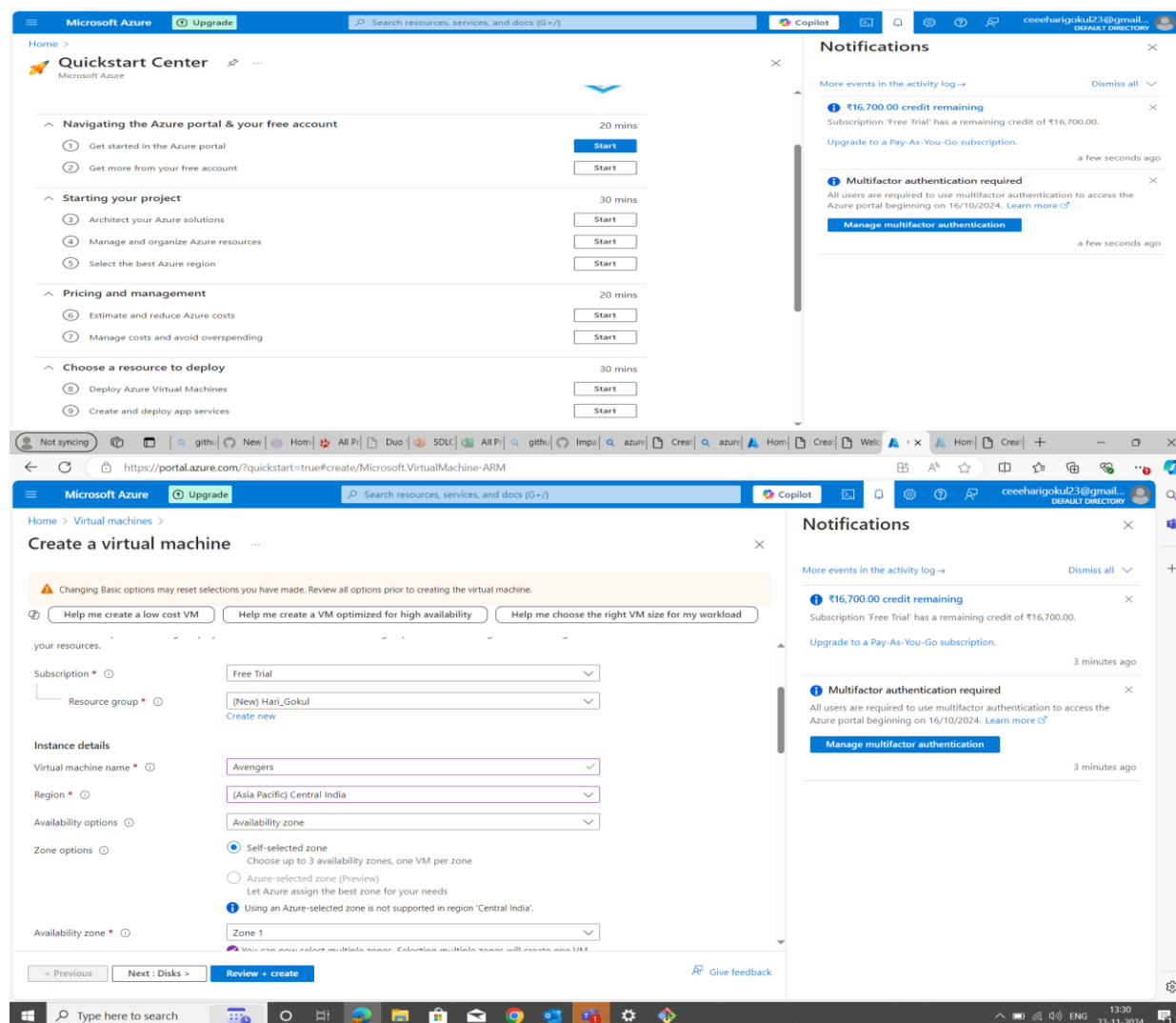
### 4. Configure the VM:

- Name: Avengers
- Region: Central India
- Size: Standard B1s (low-cost option)
- Operating System: Ubuntu 24.04 LTS

**5. Review Settings:** Ensure all configurations are correct.

**6. Deploy the VM:** Click "Create" to begin the deployment.

I Here by added my Some of the screenshot of the creation of Virtual Machine.



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https://portal.azure.com/?quickstart=true#create/Microsoft.VirtualMachine-ARM

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Basics Disks Networking Management Monitoring Advanced Tags Review + create

Price  
1 X Standard B1s by Microsoft  
Subscription credits apply 0.9318 INR/hr  
Terms of use Privacy policy Pricing for other VM sizes

TERMS  
By clicking "Create", I 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.

Name Hari Gokul S  
Preferred e-mail address ceecharigokul23@gmail.com  
Preferred phone number

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Basics  
Subscription Free Trial  
Resource group (new) Hari\_Gokul  
Virtual machine name Avengers  
Region Central India  
Availability options Availability zone  
Zone options Self-selected zone  
Availability zone 1  
Security type Trusted launch virtual machines  
Enable secure boot Yes  
Enable vTPM Yes  
Integrity monitoring No  
Image Ubuntu Server 24.04 LTS - Gen2  
VM architecture x64  
Size Standard B1s (1 vcpu, 1 GiB memory)  
Enable Hibernation No  
Authentication type SSH public key  
Username azureuser  
SSH Key format RSA

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Home > CreateVm-canonical.ubuntu-24\_04-lts-server-20241122132848 | Overview

Deployment

Search

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name: CreateVm... Start time: 11/22/2024... Subscription: Free Trial Correlation ID: f0c74adb Resource group: Hari\_Gokul

Deployment details

Resource	Type	Status
Avengers-nsg	Microsoft.Network/net...	Created
Avengers-vnet	Microsoft.Network/virt...	Created
Avengers-ip	Microsoft.Network/pu...	Created

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\*\*\* Deployment in progress... Running X

Deployment to resource group 'Hari\_Gokul' is in progress.

a few seconds ago

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Deployment

Search

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment name: CreateVm... Start time: 11/22/2024... Subscription: Free Trial Correlation ID: f0c74adb Resource group: Hari\_Gokul

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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Notifications

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Deployment succeeded X

Deployment 'CreateVm-canonical.ubuntu-24\_04-lts-server-20241122132848' to resource group 'Hari\_Gokul' was successful.

Go to resource Pin to dashboard

a few seconds ago

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## Virtual machines

Default Directory

+ Create | Switch to classic | Reservations | Manage view | Refresh | Export to CSV | Open query | Assign tags

Filter for any field... | Subscription equals all | Type equals all | Resource group equals all | Add filter | More (1)

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

Name	Subscription	Resource group	Location	Status	Operating system	Size
Avengers	Free Trial	Hari_Gokul	Central India	Running	Linux	Standard B1s

< Previous | Page 1 of 1 | Next >

Give feedback

### Notifications

More events in the activity log → | Dismiss all

- Deployment succeeded**  
Deployment 'CreateVm-canonical.ubuntu-24\_04-lts-server-20241122132848' to resource group 'Hari\_Gokul' was successful.  
[Go to resource](#) | [Pin to dashboard](#)  
a few seconds ago
- ₹16,700.00 credit remaining**  
Subscription 'Free Trial' has a remaining credit of ₹16,700.00.  
[Upgrade to a Pay-As-You-Go subscription.](#)  
6 minutes ago
- Multifactor authentication required**  
All users are required to use multifactor authentication to access the Azure portal beginning on 16/10/2024. [Learn more](#)  
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## Avengers

Virtual machine

Search | Help me copy this VM in any region

Connect | Start | Restart | Stop | Hibernate | Capture | Delete

### 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 [\(move\)](#)  
[Hari\\_Gokul](#)

Status  
Running

Location  
Central India (Zone 1)

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

Subscription ID  
4036c13d-7b25-4db8-b8f5-88f01cd12cc8

Availability zone  
1

Tags [\(edit\)](#)  
[Add tags](#)

Operating system  
Linux (ubuntu 24.04)

Size  
Standard B1s (1 vcpu, 1 GiB memory)

Public IP address  
[20.40.43.19](#)

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

DNS name  
[Not configured](#)

Health state  
-

Time created  
11/22/2024, 8:02 AM UTC

### Properties

Monitoring | Capabilities (7) | Recommendations | Tutorials

### Virtual machine

Computer name