

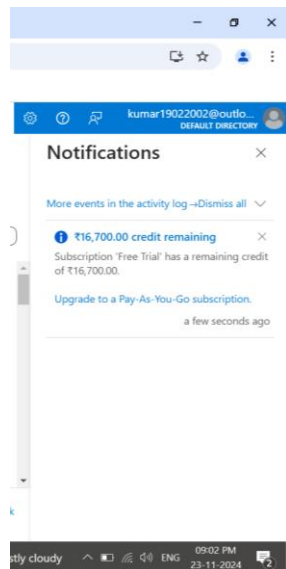
Name : Arun Kumar K

Date : 23-11-2024

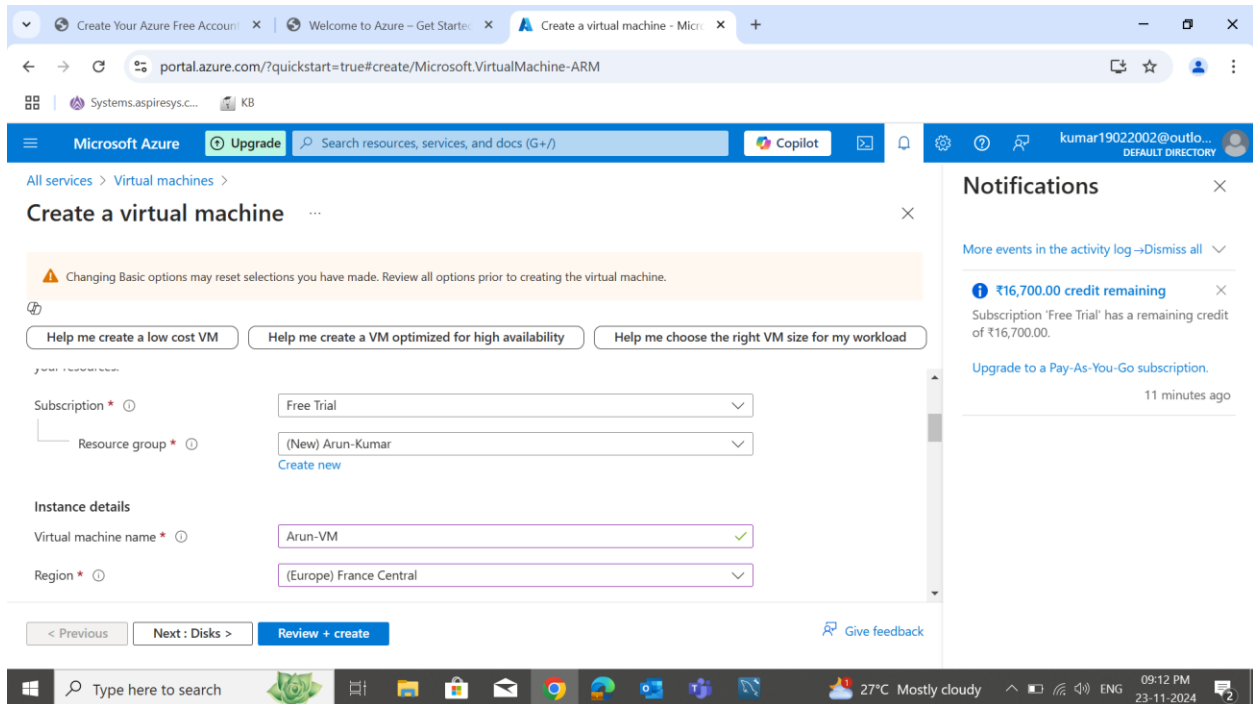
Azure Virtual Machine Creation:

Steps:

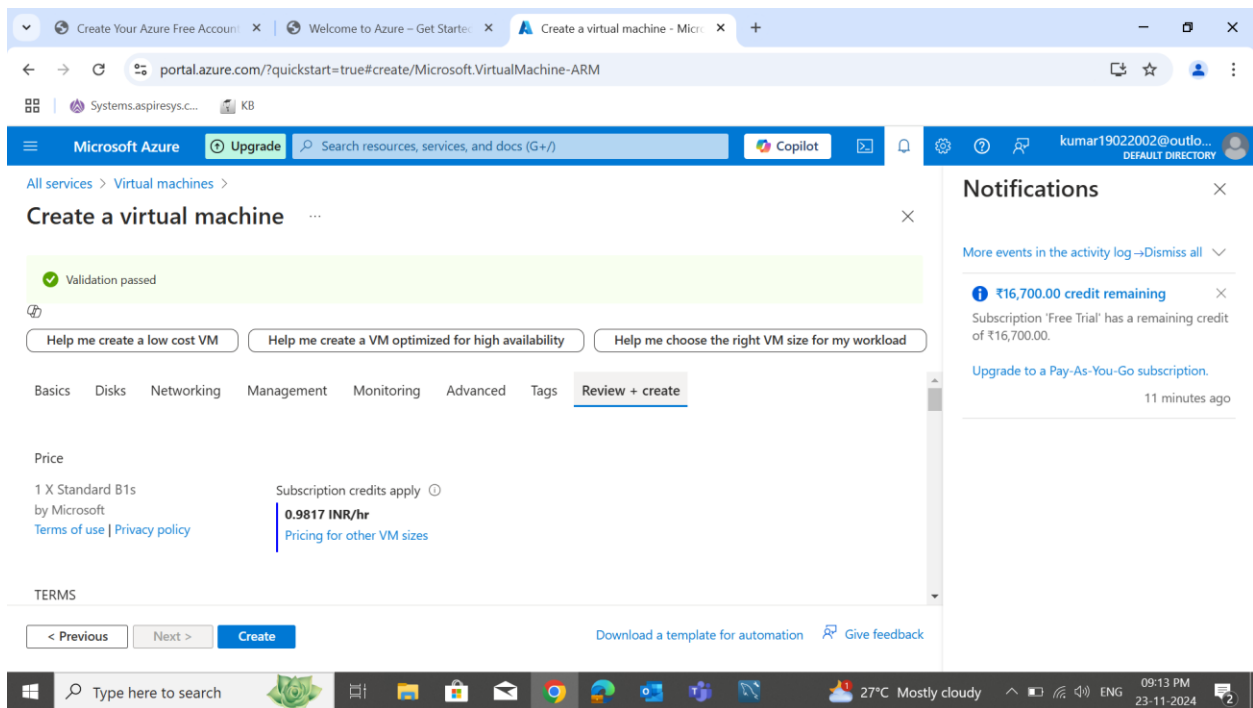
- Create an account in Microsoft Azure.
- After Creation, it will credit 16,000 to our account.



- Now, go to services, select virtual machine. In that, we select Create option to create a new Virtual machine.
- After selection, it will ask some details like virtual machine name, region, OS and some other configurations.



→ After Completing the configuration's part, all the details of the virtual machine are shown in "review + create" section.



Create Your Azure Free Account xWelcome to Azure – Get Starte... xCreate a virtual machine - Micro x+

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

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Create a virtual machine x

Validation passed

Help me create a low cost VMHelp me create a VM optimized for high availabilityHelp me choose the right VM size for my workload

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NameArun Kumar K

Preferred e-mail addresskumar19022002@outlook.com

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Help me create a low cost VMHelp me create a VM optimized for high availabilityHelp me choose the right VM size for my workload

Basics

Subscription	Free Trial
Resource group	(new) Arun-Kumar
Virtual machine name	Arun-VM
Region	France Central
Availability options	Availability zone
Zone options	Self-selected zone
Availability zone	1
Security type	Trusted launch virtual machines

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Virtual machines

Create a virtual machine

Validation passed

Help me create a low cost VMHelp me create a VM optimized for high availabilityHelp me choose the right VM size for my workload

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	Password

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Virtual machines

Create a virtual machine

Validation passed

Help me create a low cost VMHelp me create a VM optimized for high availabilityHelp me choose the right VM size for my workload

Username	Arunkumar1902
Public inbound ports	SSH
Azure Spot	No

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All services > Virtual machines >
Create a virtual machine

Validation passed

Help me create a low cost VMHelp me create a VM optimized for high availabilityHelp me choose the right VM size for my workload

cpnmerai us diskno

Networking

Virtual network	(new) Arun-VM-vnet
Subnet	(new) default (10.0.0.0/24)
Public IP	(new) Arun-VM-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

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All services > Virtual machines >
Create a virtual machine

Validation passed

Help me create a low cost VMHelp me create a VM optimized for high availabilityHelp me choose the right VM size for my workload

Delete public IP and NIC when VM is deletedDisabled

Management

Microsoft Defender for Cloud	Basic (free)
System assigned managed identity	Off
Login with Microsoft Entra ID	Off
Auto-shutdown	Off
Backup	Disabled
Enable hotpatch	Off

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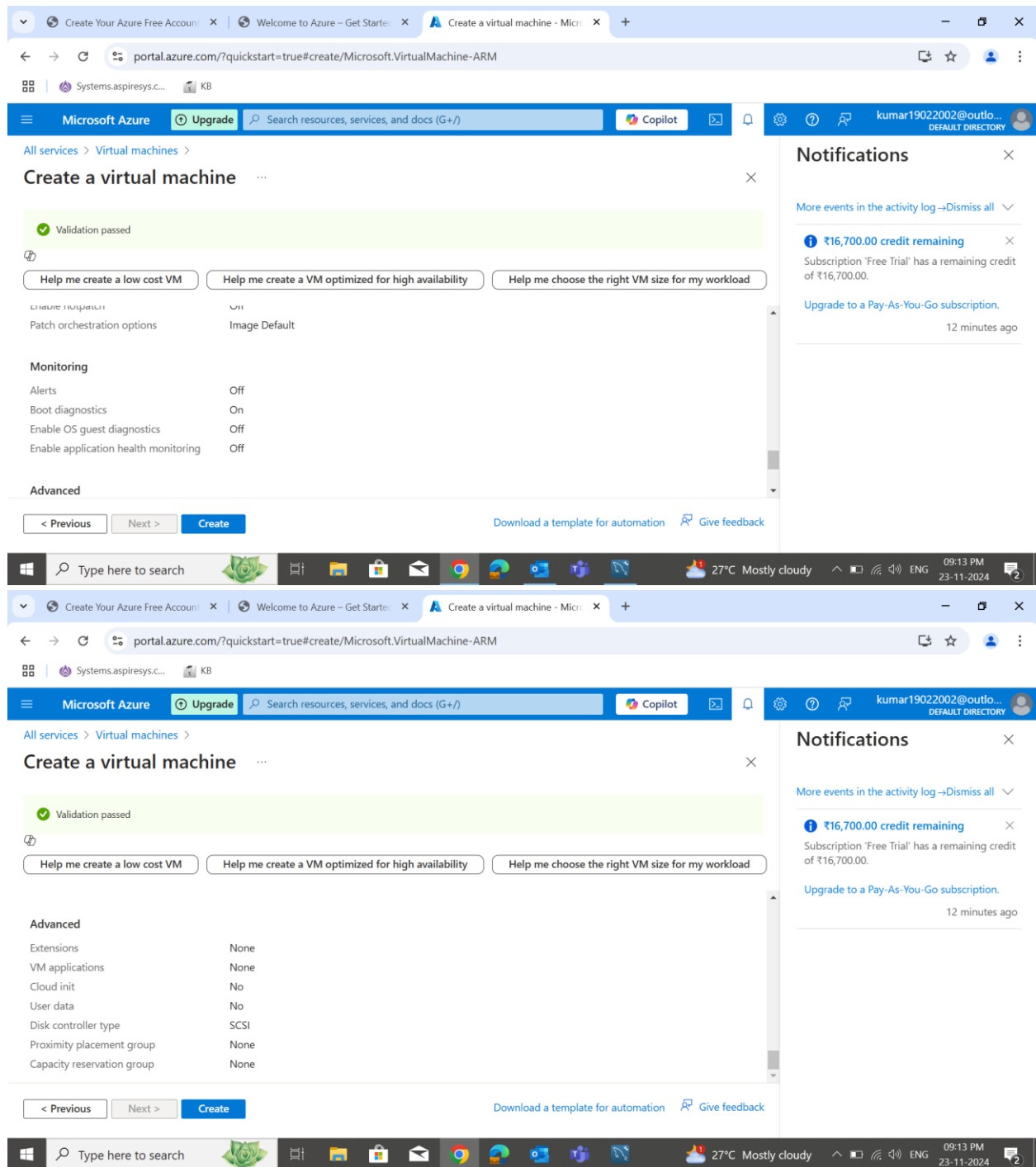
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→ After Reviewing the configurations, click the create button at bottom which will start the deployment process.

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All services > 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 ⓘ 0.9817 INR/hr Pricing for other VM sizes

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27°C Mostly cloudy 09:23 PM 23-11-2024

Create Your Azure Free Account xWelcome to Azure – Get Starte... xCreateVm-canonical.ubuntu-24 x+

portal.azure.com/?quickstart=true#view/HubsExtension/DeploymentDetailsBlade/~/_/overview/id/%2Fd9094c20-ae61-43f9-b247-50787e...

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All services >

CreateVm-canonical.ubuntu-24_04-lts-server-20241123211102 | Overview ...

Deployment

Search x « Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name: CreateVm-canonical.ubuntu-24_04-lt... Start time: 11/23/2024, 9:23:49 PM

Subscription: Free Trial Correlation ID: 1180ad21-97c6-44a1-9884-41

Resource group: Arun-Kumar

Deployment details

Resource	Type	Status	Operation details
No results.			

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portal.azure.com/?quickstart=true#view/HubsExtension/DeploymentDetailsBlade/~/_/overview/id/%2Fsubscriptions%2Fd9094c20-ae61-43f9-b247-50787e...

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CreateVm-canonical.ubuntu-24_04-lts-server-20241123211102 | Overview

Deployment

Search x « Delete Cancel Redeploy Download Refresh

Overview

- Inputs
- Outputs
- Template

Your deployment is complete

Deployment name: CreateVm-canonical.ubuntu-24_0... Start time: 11/23/2024, 9:23:49 PM
Subscription: [Free Trial](#) Correlation ID: 1180ad21-97c6-44a1-9884-
Resource group: [Arun-Kumar](#)

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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→ After deployment is complete, we can see the overview and properties of the virtual machine.

portal.azure.com/?quickstart=true#@kumar19022002outlook.onmicrosoft.com/resource/subscriptions/d9094c20-ae61-43f9-b247-50787ed8676b/resourc...

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All services > Virtual machines >

Arun-VM

Virtual machine

Search Help me copy this VM in any region

Overview

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

Essentials

Resource group ([move](#))
[Arun-Kumar](#)

Status
Running

Location
France Central (Zone 1)

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

Subscription ID
d9094c20-ae61-43f9-b247-50787ed8676b

Availability zone
1

Operating system
Linux (ubuntu 24.04)

Size
Standard B1s (1 vcpu, 1 GiB memory)

Public IP address
[98.66.180.211](#)

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

DNS name
[Not configured](#)

Health state
-

Time created
11/23/2024 3:54 PM UTC

[JSON View](#)

Microsoft Azure portal showing the overview of a virtual machine named **Arun-VM**. The interface includes a sidebar with navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect, Networking, Settings, Availability + scale, Security, Backup + disaster recovery, and Operations. The main content area displays the VM's properties, including its name, operating system (Linux (ubuntu 24.04)), VM generation (V2), VM architecture (x64), and agent status (Ready). It also shows networking details such as the public IP address (98.66.180.211) and private IP address (10.0.0.4). The VM was created on 11/23/2024 at 3:54 PM UTC.

Virtual machine properties:

- Computer name: Arun-VM
- Operating system: Linux (ubuntu 24.04)
- VM generation: V2
- VM architecture: x64
- Agent status: Ready

Networking details:

- Public IP address: 98.66.180.211 (Network interface: arun-vm223_z1)
- Private IP address: 10.0.0.4

Microsoft Azure portal showing the overview of a virtual machine named **Arun-VM**. The interface includes a sidebar with navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect, Networking, Settings, Availability + scale, Security, Backup + disaster recovery, and Operations. The main content area displays the VM's properties, including its name, operating system (Linux (ubuntu 24.04)), VM generation (V2), VM architecture (x64), and agent status (Ready). It also shows networking details such as the public IP address (98.66.180.211) and private IP address (10.0.0.4). The VM was created on 11/23/2024 at 3:54 PM UTC.

Virtual machine properties:

- VM architecture: x64
- Agent status: Ready
- Agent version: 2.12.0.2
- Hibernation: Disabled
- Host group: -
- Host: -
- Proximity placement group: -
- Colocation status: N/A
- Capacity reservation group: -
- Disk controller type: SCSI

Size details:

- Size: Standard B1s
- vCPUs: 1
- RAM: 1 GiB

Source image details:

- Source image publisher: canonical
- Source image offer: ubuntu-24_04-lts
- Source image plan: server

Microsoft Azure portal showing the configuration for a virtual machine named "Arun-VM". The interface includes a left sidebar with navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect, Networking, Settings, Availability + scale, Security, Backup + disaster recovery, and Operations. The main content area displays various settings:

- Overview:** Includes a search bar and a "Help me copy this VM in any region" button.
- Connect:** Buttons for Start, Restart, Stop, Hibernate, Capture, Delete, Refresh, Open in mobile, and Feedback.
- Configuration:**
 - Disk controller type: SCSI
 - Source image publisher: canonical
 - Source image offer: ubuntu-24_04-lts
 - Source image plan: server
- Azure Spot:**
 - Azure Spot: -
 - Azure Spot eviction policy: -
- Availability + scaling:**
 - Availability zone: (edit) 1
 - Availability set: -
 - Scale Set: -
- Security:**
 - Security type: Trusted launch
- Disk:**
 - OS disk: Arun-VM_disk1_935c73b3443c4bf79d42a258ed0169a5
 - Encryption at host: Disabled
 - Azure disk encryption: Not enabled
 - Ephemeral OS disk: N/A
 - Data disks: 0
- Auto-shutdown:**
 - Auto-shutdown: Not enabled

Continuation of the Microsoft Azure portal configuration for "Arun-VM". The left sidebar remains the same. The main content area displays additional settings:

- Security:**
 - Security type: Trusted launch
 - Enable secure boot: Enabled
 - Enable vTPM: Enabled
 - Integrity monitoring: Disabled
- Health monitoring:**
 - Health monitoring: Not enabled
- Extensions + applications:**
 - Extensions: -
 - Applications: -
- Auto-shutdown:**
 - Auto-shutdown: Not enabled
 - Scheduled shutdown: -