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Create a virtual machine - Micros

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

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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) Alagu134_group

Create new

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Instance details

Virtual machine name * Alagu134

Region * (Asia Pacific) Central India

Availability options * Availability zone

Zone options

☒ Self-selected zone
Choose up to 3 availability zones, one VM per zone

☐ Azure-selected zone (Preview)
Let Azure assign the best zone for your needs

Using an Azure-selected zone is not supported in region 'Central India'.

Availability zone * Zone 1

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

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Security type

Image
[See all images](#) | [Configure VM generation](#)
☒ This image is compatible with additional security features. [Click here to swap to the Trusted launch security type.](#)

VM architecture ☐ Arm64 ☒ x64

Run with Azure Spot discount ☐

i You are in the free trial period. Costs associated with this VM can be covered by any remaining credits on your subscription. [Learn more](#)

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Size
[See all sizes](#)

Enable Hibernation ☐
i 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

Authentication type ☐ SSH public key ☒ Password

Username

Password

Confirm password

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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 * SSH (22)

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

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Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

VM disk encryption

Azure disk storage encryption automatically encrypts your data stored on Azure managed disks (OS and data disks) at rest by default when persisting it to the cloud.

Encryption at host ☐

Encryption at host is not registered for the selected subscription. [Learn more](#)

OS disk

OS disk size Image default (30 GiB)

OS disk type * Standard SSD (locally-redundant storage)

< Previous Next: Networking > Review + create Give feedback

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Delete with VM ☒

Key management Platform-managed key

Enable Ultra Disk compatibility ☐

Data disks for Alagu134

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching	Delete with VM
-----	------	------------	-----------	--------------	----------------

[Create and attach a new disk](#) [Attach an existing disk](#)

Advanced

< Previous Next: Networking > Review + create

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Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network * (new) Alagu134-vnet

[Create new](#)

Subnet * (new) default (10.0.0.0/24)

Public IP (new) Alagu134-ip

[Create new](#)

NIC network security group ☐ None ☒ Basic ☐ Advanced

Public inbound ports * ☐ None ☒ Allow selected ports

< Previous Next: Management > Review + create

Give feedback

Microsoft Azure portal interface showing the "Create a virtual machine" wizard. The browser tabs include "microsoft azure - Search", "Create Your Azure Free Account", and "Create a virtual machine - Micros". The URL is <https://portal.azure.com/#create/Microsoft.VirtualMachine>. The page header shows the user "alaguk134@gmail.com" and the role "DEFAULT DIRECTORY (ALAGUK13...)".

The main heading is "Create a virtual machine". Below it are three tabs: "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".

Under "Enable accelerated networking", there is a checkbox and a message: "The resource provider 'Microsoft.Network' should be registered in order to enable accelerated networking. [Learn more](#)".

The "Load balancing" section states: "You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#)".

Under "Load balancing options", there are three radio buttons: "None" (selected), "Azure load balancer" (with subtext "Supports all TCP/UDP network traffic, port-forwarding, and outbound flows."), and "Application gateway" (with subtext "Web traffic load balancer for HTTP/HTTPS with URL-based routing, SSL termination, session persistence, and web application firewall.").

At the bottom are navigation buttons: "< Previous", "Next: Management >", and "Review + create". A "Give feedback" link is also present.

Microsoft Azure portal interface showing the "Set up recommended alert rules" dialog. The browser tabs include "microsoft azure - Search", "Create Your Azure Free Account", and "Set up recommended alert rules". The URL is <https://portal.azure.com/#create/Microsoft.VirtualMachine>. The page header shows the user "alaguk134@gmail.com" and the role "DEFAULT DIRECTORY (ALAGUK13...)".

The main heading is "Set up recommended alert rules".

Under "Select alert rules", there is a list of rules with checkboxes and toggle switches:

- > Percentage CPU is greater than 80 % (toggle on)
- > Available Memory Bytes is less than 1 GB (toggle on)
- > Data Disk IOPS Consumed Percentage is greater than 95 % (toggle on)
- > OS Disk IOPS Consumed Percentage is greater than 95 % (toggle on)
- > Network In Total is greater than 500 GB (toggle on)
- > Network Out Total is greater than 200 GB (toggle on)
- > VmAvailabilityMetric is less than 1 (toggle on)

At the bottom, there is a "Notify me by" section and an "Estimated monthly total: 58.24 INR".

Navigation buttons at the bottom include "< Previous", "Next: Advanced >", "Review + create", "Save", and "Cancel".

The screenshot shows the 'Create a virtual machine' page in the Microsoft Azure portal. The page is in the 'Review + create' step, which is highlighted in the navigation bar. A green banner at the top indicates 'Validation passed'. Below this, there are three buttons for configuration: '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 'Price' section shows '1 X Standard B1ls by Microsoft' with a price of '0.4659 INR/hr'. The 'TERMS' section contains a paragraph about agreeing to the legal terms and privacy statement. At the bottom, there are buttons for '< Previous', 'Next >', and 'Create', along with links for 'Download a template for automation' and 'Give feedback'.

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) Alagu134_group
Virtual machine name	Alagu134
Region	Central India
Availability options	Availability zone
Zone options	Self-selected zone
Availability zone	1
Security type	Standard
Image	Ubuntu Server 24.04 LTS - Gen2
VM architecture	x64
Size	Standard B1ls (1 vcpu, 0.5 GiB memory)

< Previous Next > **Create**

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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

Authentication type Password

Username Alagu

Public inbound ports SSH

Azure Spot No

Disks

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

Networking

< Previous Next > **Create**

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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

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
Patch orchestration options	Image Default

Monitoring

Alerts	Off
--------	-----

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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

Boot diagnostics

Boot diagnostics	On
Enable OS guest diagnostics	Off
Enable application health monitoring	On

Advanced

Extensions	None
VM applications	None
Cloud init	No
User data	No
Disk controller type	SCSI
Proximity placement group	None
Capacity reservation group	None

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https://portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2F2...

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Home > CreateVm-canonical.ubuntu-24_04-Its-server-20241122064055 | Overview x

Search x Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: CreateVm-canonical.ubuntu-24... Start time: 11/22/2024, 6:51:15 AM
Subscription: Free Trial Correlation ID: cc7f12ee-68d3-4acb-bc6
Resource group: Alagu134_group

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

Cost Management

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Home > CreateVm-canonical.ubuntu-24_04-Its-server-20241122064055 | Overview >

Alagu134 Virtual machine x

Search Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

Automation

Essentials

Resource group (move)
Alagu134_group

Status
Running

Location
Central India (Zone 1)

Subscription (move)
Free Trial

Subscription ID
234e5c89-133a-4187-a3a3-8ffa6bd79b77

Availability zone
1

Operating system
Linux (ubuntu 24.04)

Size
Standard B1ls (1 vcpu, 0.5 GiB memory)

Public IP address
4.240.102.172

Virtual network/subnet
Alagu134-vnet/default

DNS name
Not configured

Health state
Unhealthy

Time created
11/22/2024, 1:21 AM UTC

Tags (edit)

JSON View

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Microsoft Azure portal showing the overview of a virtual machine named **Alagu134**. The VM is a Linux (ubuntu 24.04) instance, V2 generation, x64 architecture, with 1 vCPU and 0.5 GiB RAM. It is connected to the public IP address 4.240.102.172.

Properties

Property	Value
Computer name	Alagu134
Operating system	Linux (ubuntu 24.04)
VM generation	V2
VM architecture	x64
Agent status	Ready
Agent version	2.12.0.2
Hibernation	Disabled
Host group	-
Host	-
Proximity placement group	-

Networking

Property	Value
Public IP address	4.240.102.172 (Network alagu134104_z1 interface)
Public IP address (IPv6)	-
Private IP address	10.0.0.4
Private IP address (IPv6)	-
Virtual network/subnet	Alagu134-vnet/default
DNS name	Configure

Size

Property	Value
Size	Standard B1ls
vCPUs	1
RAM	0.5 GiB

Microsoft Azure portal showing the overview of a virtual machine named **Alagu134**. The VM is a Linux (ubuntu 24.04) instance, V2 generation, x64 architecture, with 1 vCPU and 0.5 GiB RAM. It is connected to the public IP address 4.240.102.172.

Source image details

Property	Value
Source image publisher	canonical
Source image offer	ubuntu-24_04-its
Source image plan	server

Disk

Property	Value
OS disk	Alagu134_OsDisk_1_a7c0da4e957e454e86244ac1cdecdae6
Encryption at host	Disabled
Azure disk encryption	Not enabled
Ephemeral OS disk	N/A
Data disks	0

Auto-shutdown

Property	Value
Auto-shutdown	Not enabled
Scheduled shutdown	-

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Home > CreateVm-canonical.ubuntu-24_04-lts-server-20241122064055 | Overview >

Alagu134

Virtual machine

Search

Help me copy this VM in any region

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

Property	Value	Property	Value
Availability set	-	Ephemeral OS disk	N/A
Scale Set	-	Data disks	0

Security

Security type: Standard

Auto-shutdown

Auto-shutdown: Not enabled
Scheduled shutdown: -

Health monitoring

Health monitoring: Enabled

Extensions + applications

Extensions: HealthExtension
Applications: -

Automation

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