

Creating an Virtual Machine:

1. Providing resources group, providing virtual machine name,Region

Create a virtual machine - Micro

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

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Home > Create a resource >

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

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) AspireTraining)
[Create new](#)

Instance details

Virtual machine name * (task1)
Region * ((Asia Pacific) Central India)
Availability options (Availability zone)
Zone options (Self-selected zone)

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2.changing the security type

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Availability zone * (Zone 1)
You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

Security type (Standard)
Image * (Ubuntu Server 24.04 LTS - x64 Gen2 (free services eligible))
[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 (x64)
Arm64

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Provide username,password

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See all sizes

Enable Hibernation ☐

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 * sanjeevsubramani ✓

Password * ✓

Confirm password * ✓

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Select ports

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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 * HTTP (80) ✓

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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Windows taskbar: Type here to search, 30°C Mostly cloudy, 14:27 25-11-2024

Change disk type to standard:

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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

OS disk

OS disk size

Image default (30 GiB)

OS disk type

Standard SSD (locally-redundant storage)

The selected VM size supports premium disks. We recommend Premium SSD for high IOPS workloads. Virtual machines with Premium SSD disks qualify for the 99.9% connectivity SLA.

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Validation passed

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Price

1 X Standard B1ls

by Microsoft

Terms of use | Privacy policy

Subscription credits apply

0.4659 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

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The image shows two screenshots of the Microsoft Azure portal. The top screenshot displays the 'Overview' page for a deployment named 'CreateVm-canonical.ubuntu-24_04-lts-server-20241125142336'. A notification at the top right states 'Deployment succeeded'. The deployment is complete, with a start time of 11/25/2024, 2:31:59 PM. The resource group is 'AspireTraining'. The deployment details section shows the next steps: 'Setup auto-shutdown' (Recommended), 'Monitor VM health, performance and network dependencies' (Recommended), and 'Run a script inside the virtual machine' (Recommended). The bottom screenshot shows the 'task1' virtual machine page. A warning message indicates that the virtual machine agent status is not ready. The 'Essentials' section provides details about the VM: Resource group (move) 'AspireTraining', Status 'Running', Location 'Central India (Zone 1)', Subscription (move) 'Free Trial', Subscription ID 'e0faa760-ba6e-46be-94e6-2eb17e6f38d8', and Availability zone '1'. The 'Operating system' is 'Linux', and the 'Size' is 'Standard B1ls (1 vcpu, 0.5 GiB memory)'. The 'Public IP address' is '20.193.133.138', and the 'Virtual network/subnet' is 'task1-vnet/default'. The 'DNS name' is 'Not configured', and the 'Health state' is '-'. The left sidebar of the bottom screenshot shows the 'task1' virtual machine page with various options like 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Diagnose and solve problems', 'Connect', 'Networking', 'Settings', 'Availability + scale', 'Security', 'Backup + disaster recovery', 'Operations', and 'Monitoring'.

Stopping the Virtual Machine:

task1 - Microsoft Azure

portal.azure.com/#@balanvinith73gmail.onmicrosoft.com/resource/subscriptions/e0faa760-ba6e-46be-94e6-2eb17e6f38d8/resourcegroups/AspireTrainin...

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Home > CreateVm-canonical.ubuntu-24_04-lts-server-20241125142336 | Overview >

task1 Virtual machine

Search

Overview

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

Stop this virtual machine

Do you want to stop 'task1'?

Deallocation operations usually complete within 1-2 minutes but may take up to 90 minutes in some cases. You can leave the page and track the progress via notifications.

Yes No

Status	Running	Size	Standard B1ls (1 vcpu, 0.5 GiB memory)
Location	Central India (Zone 1)	Public IP address	20.193.133.138
Subscription	(move) Free Trial	Virtual network/subnet	task1-vnet/default
Subscription ID	e0faa760-ba6e-46be-94e6-2eb17e6f38d8	DNS name	Not configured
Availability zone	1	Health state	-

Type here to search

Rain tonight 14:33 25-11-2024

task1 - Microsoft Azure

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Home > CreateVm-canonical.ubuntu-24_04-lts-server-20241125142336 | Overview >

task1 Virtual machine

Search

Overview

- Activity log
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- Operations
- Monitoring

task1 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) AspireTraining	Operating system	Linux
Status	Stopped (deallocated)	Size	Standard B1ls (1 vcpu, 0.5 GiB memory)
Location	Central India (Zone 1)	Public IP address	20.193.133.138
Subscription	(move) Free Trial	Virtual network/subnet	task1-vnet/default
Subscription ID	e0faa760-ba6e-46be-94e6-2eb17e6f38d8	DNS name	Not configured
Availability zone	1	Health state	-

Type here to search

Rain... 14:34 25-11-2024

Delete task1 - Microsoft Azure

portal.azure.com/#@balanvinith73gmail.onmicrosoft.com/resource/subscriptions/e0faa760-ba6e-46be-94e6-2eb17e6f38d8/resourcegroups/AspireTrainin...

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Home > CreateVm-canonical.ubuntu-24_04-lts-server-202411251

task1 Virtual machine

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

task1 virtual machine

Help me copy this VM

Connect

Essentials

Resource group (move) AspireTraining

Status Stopped (deallocated)

Location Central India (Zone 1)

Subscription (move) Free Trial

Subscription ID e0faa760-ba6e-46be-94e6-2eb17e6f38d8

Availability zone 1

Delete task1

task1 Virtual machine

Apply force delete

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"/>
Public IP addresses	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.

Delete Cancel

Feedback

Deleting the Virtual Machine:

task1 - Microsoft Azure

portal.azure.com/#@balanvinith73gmail.onmicrosoft.com/resource/subscriptions/e0faa760-ba6e-46be-94e6-2eb17e6f38d8/resourcegroups/AspireTrainin...

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Home > CreateVm-canonical.ubuntu-24_04-lts-server-20241125142336 | Overview

task1 Virtual machine

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

task1 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

Essentials

Resource group (move) AspireTraining

Status Stopped (deallocated)

Location Central India (Zone 1)

Subscription (move) Free Trial

Subscription ID e0faa760-ba6e-46be-94e6-2eb17e6f38d8

Availability zone 1

Operating system Linux

Size Standard B1ls (1 vcpu, 0.5 GiB memory)

Public IP address 20.193.133.138

Notifications

More events in the activity log → Dismiss all

- Successfully deleted virtual machine 'task1'
- Successfully stopped virtual machine
- Successfully stopped virtual machine
- Deployment succeeded