

Name: Sarulatha D

Designation: Trainee

Domain: Testing

Azure Fundamentals

Creating Virtual Machine

This screenshot shows the 'Create a virtual machine' page in the Azure portal, specifically the 'Basic' tab. The page is titled 'Create a virtual machine' and includes a warning message: 'Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.' Below this, there 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'. The 'Subscription' is set to 'Free Trial' and the 'Resource group' is '(New) Sarulatha-VM_group_11231003'. Under 'Instance details', the 'Virtual machine name' is 'Sarulatha-VM', the 'Region' is '(Europe) North Europe', and 'Availability options' are set to 'Availability zone'. The 'Zone options' are set to 'Self-selected zone'. At the bottom, there are navigation buttons: '< Previous', 'Next: Disks >', and 'Review + create'. A 'Give feedback' link is also present.

This screenshot shows the 'Create a virtual machine' page in the Azure portal, specifically the 'Disks' tab. The page is titled 'Create a virtual machine' and includes a warning message: 'Encryption at host is not registered for the selected subscription. Learn more'. Below this, there are tabs for 'Basics', 'Disks', 'Networking', 'Management', 'Monitoring', 'Advanced', 'Tags', and 'Review + create'. The 'OS disk' section shows 'OS disk size' as 'Image default (30 GiB)' and 'OS disk type' as 'Premium SSD (locally-redundant storage)'. At the bottom, there are navigation buttons: '< Previous', 'Next: Networking >', and 'Review + create'. A 'Give feedback' link is also present.

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https://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

Basics Disks **Networking** Management Monitoring Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

Network interface

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

Virtual network * (new) Sarulatha-VM-vnet [Create new](#)

Subnet * (new) default (10.1.0.0/24)

Public IP (new) Sarulatha-VM-ip [Create new](#)

NIC network security group ☐ None

< Previous Next: Management > Review + create Give feedback

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Create a virtual machine

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Basics Disks Networking **Management** Monitoring Advanced Tags Review + create

Configure management options for your VM.

Microsoft Defender for Cloud

Microsoft Defender for Cloud provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

✓ Your subscription is protected by Foundational Cloud Security Posture Management Free Plan.

Identity

Enable system assigned managed identity ☐

Microsoft Entra ID

< Previous Next: Monitoring > Review + create Give feedback

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Home > Virtual machines >

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

Configure monitoring options for your VM.

Alerts

Enable recommended alert rules ☐

Diagnostics

Boot diagnostics ☒ Enable with managed storage account (recommended)
☐ Enable with custom storage account
☐ Disable

Enable OS guest diagnostics ☐

Health

< Previous Next: Advanced > Review + create Give feedback

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Home > Virtual machines >

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

Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.

Extensions

Extensions provide post-deployment configuration and automation.

Extensions [Select an extension to install](#)

VM applications

VM applications contain application files that are securely and reliably downloaded on your VM after deployment. In addition to the application files, an install and uninstall script are included in the application. You can easily add or remove applications on your VM after create. [Learn more](#)

[Select a VM application to install](#)

Customize data and cloud-init

< Previous Next: Tags > Review + create Give feedback

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Create a virtual machine

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

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name

Value

Resource

:

14 selected

< PreviousNext : Review + create >Review + createGive feedback

https://go.microsoft.com/fwlink/?linkid=873112

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Home > Virtual machines >

Create a virtual machine

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

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Price

1 X Standard B1s

Subscription credits apply

by Microsoft

0.9401 INR/hr

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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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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

Price

1 X Standard B1s by Microsoft Terms of use | Privacy policy

Subscription credits apply 0.9401 INR/hr Pricing for other VM sizes

Generate new key pair

An SSH key pair contains both a public key and a private key. **Azure doesn't store the private key.** After the SSH key resource is created, you won't be able to download the private key again. [Learn more](#)

Download private key and create resource

Return to create a virtual machine

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Document 2.docx Document 3.docx CreateVm-canonical.ubuntu-24_04

https://portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade~/overview/id/%2Fsubscriptions%2Fefc9d1...

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CreateVm-canonical.ubuntu-24_04-lts-server-20241123094515 | Overview

Deployment

Search x < Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name: CreateVm-canonical.ubuntu-24_04... Start time: 11/23/2024, 9:51:01 AM
Subscription: Free Trial Correlation ID: 52b6e2e8-a0c4-4c28-8696-4
Resource group: Sarulatha-VM_group

Deployment details

Resource	Type	Status	Operation details
Sarulatha-VM	Microsoft.Compute/vir...	Created	Operation details
sarulatha-vm601_z1	Microsoft.Network/net...	Created	Operation details
Sarulatha-VM-nsg	Microsoft.Network/net...	OK	Operation details
Sarulatha-VM-vnet	Microsoft.Network/virt...	OK	Operation details
Sarulatha-VM-ip	Microsoft.Network/pu...	OK	Operation details

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