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Virtual machines

Virtual machines

+ Create

View

Description

Create a virtual machine that runs Linux or Windows. Select an image from the marketplace or use your own customized image.

Free training from Microsoft

Introduction to Azure virtual machines

8 units · 1 hr 7 min

Create a Windows virtual machine in Azure

9 units · 51 min

Create a Linux virtual machine in Azure

7 units · 1 hr 26 min

Useful links

Overview

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Cost Management

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Dashboard

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[Icons]

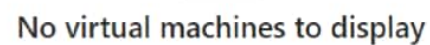
ENG  
IN

20:01  
09-05-2023

Showing 0 to 0 of 0 records.

No grouping ▾ List view ▾

Name ↑↓	Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓	Public IP address ↑↓	Disks
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Create ▾

[Learn more about Linux virtual machines](#) ↗


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# Create a virtual machine

Encryption at host  ☐


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


OS disk


OS disk size \* 

OS disk type \* 

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.

Delete with VM  ☒

Key management 

Enable Ultra Disk compatibility  ☒

## Data disks for BETTY-LINUX

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 a virtual machine - Micros

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Home > Virtual machines >

Create a virtual machine

Select inbound ports \*SSH (22)

This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

Delete public IP and NIC when VM is deleted ⓘ

☒

Enable accelerated networking ⓘ

☐

The selected VM size does not support accelerated networking.

Load balancing

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

Load balancing options ⓘ

☐ None

☐ Azure load balancer  
Supports all TCP/UDP network traffic, port-forwarding, and outbound flows.

☒ Application gateway  
Web traffic load balancer for HTTP/HTTPS with URL-based routing, SSL termination, session persistence, and web application firewall.

Select an application gateway \* ⓘ

No existing application gateways in current subscription and location.

Review + create

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Create a virtual machine

[Learn more](#)

Azure AD

Login with Azure AD

☒

RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required when using Azure AD login. [Learn more](#)

Azure AD login now uses SSH certificate-based authentication. You will need to use an SSH client that supports OpenSSH certificates. You can use Azure CLI or Cloud Shell from the Azure Portal. [Learn more](#)

Auto-shutdown

Enable auto-shutdown

☐

Backup

Enable backup

☐

Guest OS updates

Patch orchestration options

Image default

Some patch orchestration options are not available for this image. [Learn more](#)

Review + create

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# Create a virtual machine

Basics   Disks   Networking   Management   Monitoring   Advanced   Tags   Review + 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	
CLOUD COMPUTING	: 73648734872384	All resources	🗑
COMPILER DESIGN	: 3682793279389	13 selected	🗑
AMAZON WEB SERVICE	: 874387498294	All resources	🗑
CSP	: 35726482749	All resources	🗑
PAAS	: 642874927498	13 selected	🗑
	: 642874927498	13 selected	🗑



Create a virtual machine - Micros

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Create a virtual machine

Validation passed

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Cost given below is an estimate and not the final price. Please use [Pricing calculator](#) for all your pricing needs.

Price

1 X Standard B1s  
by Microsoft  
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Subscription credits apply ⓘ  
**0.8796 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 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

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## Basics

## Disks

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# Create a virtual machine ...

✓ Validation passed

AMAZON WEB SERVICE	874387498294 (Storage account)
CSP	35726482749 (Storage account)
PAAS	642874927498 (Storage account)
CLOUD COMPUTING	73648734872384 (Virtual machine)
COMPILER DESIGN	3682793279389 (Virtual machine)
AMAZON WEB SERVICE	874387498294 (Virtual machine)
CSP	35726482749 (Virtual machine)
PAAS	642874927498 (Virtual machine)
CLOUD COMPUTING	73648734872384 (Virtual machine extension)
COMPILER DESIGN	3682793279389 (Virtual machine extension)
AMAZON WEB SERVICE	874387498294 (Virtual machine extension)
CSP	35726482749 (Virtual machine extension)
PAAS	642874927498 (Virtual machine extension)
CLOUD COMPUTING	73648734872384 (Virtual network)
COMPILER DESIGN	3682793279389 (Virtual network)
AMAZON WEB SERVICE	874387498294 (Virtual network)
CSP	35726482749 (Virtual network)
PAAS	642874927498 (Virtual network)

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## CreateVm-canonical.0001-com-ubuntu-server-focal-2-20230509200346 | Overview

Deployment

Search << Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

### Deployment is in progress

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f... Start time: 5/9/2023, 8:14:23 PM  
Subscription: [Azure for Students](#) Correlation ID: 500bf59e-62ab-4ee8-803f-3dd2650f1182  
Resource group: [DIVYA](#)

#### Deployment details

Resource	Type	Status	Operation details
BETTY-LINUX-nsg	Microsoft.Network/networkSecuri...	Created	<a href="#">Operation details</a>
BETTY-LINUX-ip	Microsoft.Network/publicIpAddre...	Created	<a href="#">Operation details</a>
BETTY-LINUX-vnet	Microsoft.Network/virtualNetworks	Created	<a href="#">Operation details</a>

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