

34. Demonstrate Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider to get the Ubuntu Server 22.04 LTS

Microsoft Azure

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DEFAULT DIRECTORY

All services > Virtual machines >

Create a virtual machine

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Resource group *
[Create new](#)

Instance details

Virtual machine name *

Region *

Availability options

Security type
[Configure security features](#)

Image *
[See all images](#) | [Configure VM generation](#)

VM architecture ☐ Arm64 ☒ x64

[Review + create](#) [< Previous](#) [Next: Disks >](#) [Give feedback](#)

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Create a virtual machine

Validation passed

Basics Disks Networking Management Monitoring Advanced Tags Review + 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 DS1 v2
by Microsoft
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Subscription credits apply
[Pricing for other VM sizes](#)

TERMS

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All services >

CreateVm-canonical.0001-com-ubuntu-server-jammy-2-20230830185913 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Your deployment is complete

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-j... Start time: 8/30/2023, 7:02:14 PM
Subscription: Azure for Students Correlation ID: b7387089-b41c-4a8f-844f-6a35e1131069

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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All services > CreateVm-canonical.0001-com-ubuntu-server-jammy-2-20230830185913 | Overview >

Virtual1

Virtual machine

Search

Connect Start Restart Stop Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview

Activity log
Access control (IAM)
Tags
Diagnose and solve problems

Settings

Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Availability + scaling
Configuration
Identity

Essentials

Resource group (move): [vm3](#)
Status: Running
Location: East Asia
Subscription (move): [Azure for Students](#)
Subscription ID: 6ae8b981-dd71-4d18-98de-8279770de35b
Health state: -
Tags (edit): [Add tags](#)

Operating system: Linux (ubuntu 22.04)
VM availability status: Unknown
Size: Standard D51 v2 (1 vcpu, 3.5 GiB memory)
Public IP address: -
Virtual network/subnet: [Virtual-vnet/default](#)
DNS name: -

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name	Virtual1
Operating system	Linux (ubuntu 22.04)
Image publisher	canonical
Image offer	0001-com-ubuntu-server-jammy
Image plan	22_04-lts-gen2
VM generation	V2
VM architecture	x64

Networking

Public IP address	-
Public IP address (IPv6)	-
Private IP address	10.0.0.5
Private IP address (IPv6)	-
Virtual network/subnet	Virtual-vnet/default
DNS name	-

Microsoft Azure

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All services > CreateVm-canonical.0001-com-ubuntu-server-jammy-2-20230830185913 | Overview > Virtual1

Virtual1 | Bastion

Virtual machine

Search

Advisor recommendations
Extensions + applications
Availability + scaling
Configuration
Identity
Properties
Locks

Operations

Bastion

Auto-shutdown
Backup
Disaster recovery
Updates
Inventory
Change tracking
Automanage

Azure Bastion protects your virtual machines by providing lightweight, browser-based connectivity without the need to expose them through public IP addresses. Deploying will automatically create a Bastion host on a subnet in your virtual network. [Learn more >](#)

Using Bastion: [Virtual-vnet-bastion](#), Provisioning State: **Succeeded**

Please enter username and password to your virtual machine to connect using Bastion.

Username:

Authentication Type:

Local File:

Advanced

☒ Open in new browser tab

[Connect](#)

Tell us what you think of the Bastion experience

Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-1041-azure x86_64)

* Documentation: <https://help.ubuntu.com>
* Management: <https://landscape.canonical.com>
* Support: <https://ubuntu.com/advantage>

System information as of Wed Aug 30 13:41:45 UTC 2023

System load: 0.00056640625	Processes: 110
Usage of /: 5.0% of 28.89GB	Users logged in: 0
Memory usage: 8%	IPv4 address for eth0: 10.0.0.5
Swap usage: 0%	

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.

See <https://ubuntu.com/esm> or run: `sudo pro status`

The list of available updates is more than a week old.

To check for new updates run: `sudo apt update`

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in `/usr/share/doc/*/*copyright`.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "`sudo <command>`".
See "`man sudo_root`" for details.

azureuser@Virtual1:~\$

31°C
Partly cloudy



Search



ENG
IN



19:12
30-08-2023