

192110326

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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

This screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal, specifically the 'Basics' step. The page is titled 'Create a virtual machine' and includes a search bar at the top. The main content area contains several configuration fields:

- Subscription:** Azure for Students
- Resource group:** vm3 (with a 'Create new' link)
- Instance details:**
 - Virtual machine name:** Virtual1
 - Region:** (Asia Pacific) East Asia
 - Availability options:** No infrastructure redundancy required
 - Security type:** Trusted launch virtual machines (with a 'Configure security features' link)
 - Image:** Ubuntu Server 22.04 LTS - x64 Gen2 (with links for 'See all images' and 'Configure VM generation')
 - VM architecture:** x64 (selected over Arm64)

At the bottom, there are navigation buttons: 'Review + create' (highlighted in blue), '< Previous', and 'Next: Disks >'. A 'Give feedback' link is also present in the bottom right corner.

This screenshot shows the 'Review + create' step of the 'Create a virtual machine' wizard. A green banner at the top indicates 'Validation passed'. The page includes a breadcrumb trail: Basics > Disks > Networking > Management > Monitoring > Advanced > Tags > Review + create. A blue information box states: 'Cost given below is an estimate and not the final price. Please use Pricing calculator for all your pricing needs.' Below this, the pricing details are shown:

- Price:** 1 X Standard DS1 v2 by Microsoft
- Subscription credits apply:** 8.4032 INR/hr (with a link for 'Pricing for other VM sizes')

The 'TERMS' section contains a legal disclaimer: '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.' At the bottom, there are navigation buttons: 'Create' (highlighted in blue), '< Previous', 'Next >', and 'Download a template for automation'. A 'Give feedback' link is also present in the bottom right corner.

Microsoft Azure

Search resources, services, and docs (G+J)

himanthsailburra2004@...
DEFAULT DIRECTORY

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](#)

Give feedback
Tell us about your experience with deployment.

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Microsoft Azure

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DEFAULT DIRECTORY

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

Search resources, services, and docs (G+J)

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DEFAULT DIRECTORY

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