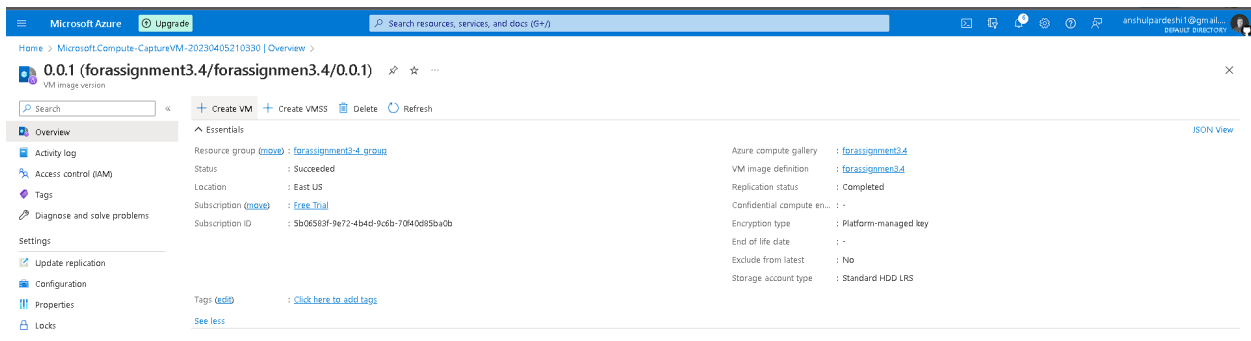


Azure Virtual Machines:5

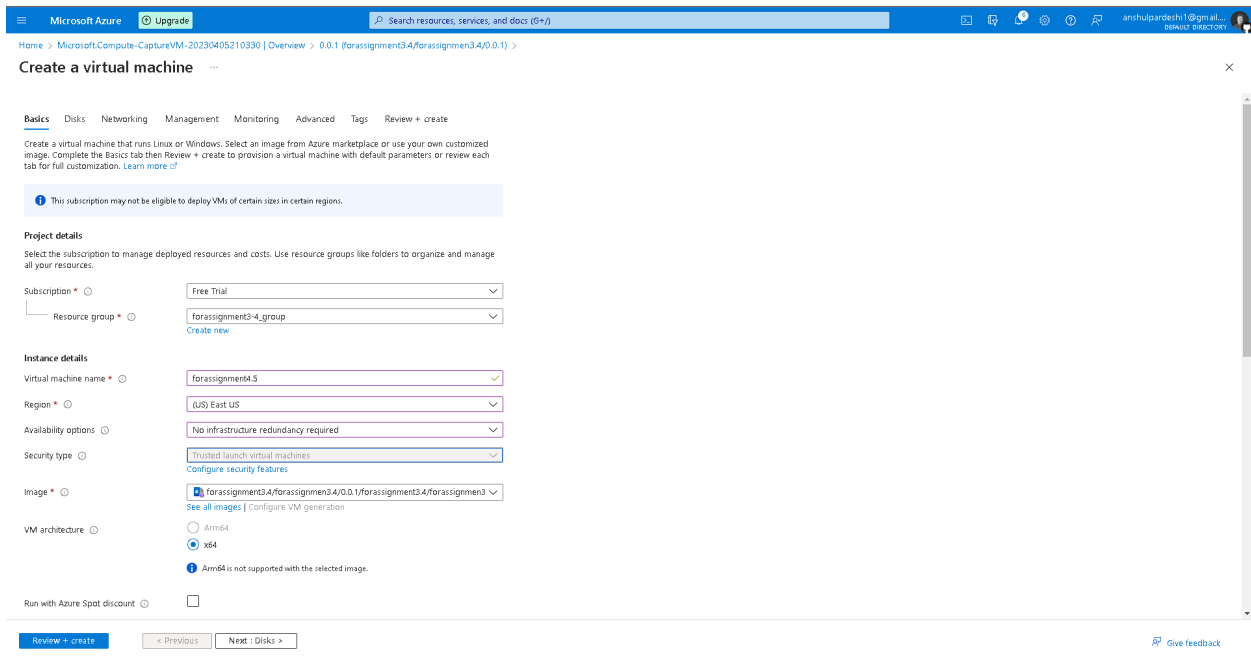
Do the following:

1. Deploy a VM from the previously created image
2. Open Port 80 in NSG
3. Start the apache2 service in the VM
4. Verify if you are able to access the website

Open previously built image and click on create VM.



Select the same Region as that of image. Make sure image is selected.



Use password authentication and fill in the credentials with your choice. Open http port as well.

Microsoft Azure | Upgrade | Search resources, services, and docs (Ctrl-G)

Home > Microsoft.Compute--CaptureVM-20230405210330 | Overview > 0.0.1 (forassignment3.4/0.0.1) >

Create a virtual machine

⚠️ Arm64 is not supported with the selected image.

Run with Azure Spot discount ☐

! You are in the free trial period. Costs associated with this VM can be covered by any remaining credits on your subscription. [Learn more](#)

Size * [See all sizes](#)

Administrator account

Authentication type ☐ SSH public key ☒ Password

Username * ✓

Password * ✓

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)
- ☒ HTTPS (443)
- ☒ SSH (22)

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

VM is created using the image.

Microsoft Azure | Upgrade | Search resources, services, and docs (Ctrl-G)

Home > CreateVm-0.0.1-20230405212352 | Overview >

forassignment4.5

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
- Continuous delivery
- Availability + scaling
- Configuration
- Identity
- Properties
- Locks
- Operations
- Bastion
- Auto-shutdown
- Backup
- Disaster recovery
- Updates
- Inventory

Essentials

Resource group (move) : forassignment3-4_group

Status : Running

Location : East US

Subscription (move) : Free Trial

Subscription ID : 5b06583f-9e72-4b49-9c6b-70f40d895a0b

Tags (edit) : [Click here to add tags](#)

Operating system : Linux (ubuntu 20.04)

Size : Standard B1s (1 vcpu, 1 GiB memory)

Public IP address : 20.172.195.122

Virtual network/subnet : forassignment4.5-vnet/default

DNS name : Not configured

Properties | Monitoring | Capabilities (7) | Recommendations | Tutorials

Virtual machine

Computer name	forassignment4
Health state	-
Operating system	Linux (ubuntu 20.04)
Publisher	canonical
Offer	0001-com-ubuntu-server-focal
Plan	20_04-lts-gen2
VM image definition	forassignment3.4
VM generation	V2
VM architecture	x64
Agent status	Ready
Agent version	2.9.0.4
Host group	None
Host	-
Proximity placement group	-
Colocation status	N/A
Capacity reservation group	-

Availability + scaling

Availability zone	-
-------------------	---

Networking

Public IP address	20.172.195.122 (Network interface forassignment4.5R99)
Public IP address (IPv6)	-
Private IP address	10.0.0.4
Private IP address (IPv6)	-
Virtual network/subnet	forassignment4.5-vnet/default
DNS name	Configure

Size

Size	Standard B1s
vCPUs	1
RAM	1 GiB

Disk

OS disk	forassignment4.5_OsDisk_1_c9d393ac32274ff8ad1adb1b6892c792
Encryption at host	Disabled
Azure disk encryption	Not enabled
Ephemeral OS disk	N/A
Data disks	0

Auto-shutdown

Now ssh into it using PUTTY. Copy the public ip paste it in PUTTY and provide credentials to ssh.

The screenshot shows the Azure portal interface. On the left is a sidebar with navigation options like 'Activity log', 'Access control (IAM)', 'Tags', 'Diagnose and solve problems', 'Settings', 'Networking', 'Connect', 'Disks', 'Size', 'Microsoft Defender for Cloud', 'Advisor recommendations', 'Extensions + applications', 'Continuous delivery', 'Availability + scaling', 'Configuration', and 'Identity'. The main area displays the details of a virtual machine named 'forassignment4'. The 'Properties' tab is selected, showing fields like 'Resource group (move)', 'Status', 'Location', 'Subscription (move)', 'Subscription ID', and 'Tags'. To the right, a 'JSON VIEW' tab is visible. A terminal window is open, showing the command 'MyUser@forassignment4:~\$' and system information for Linux (ubuntu 20.04). The terminal output includes system load, memory usage, and a message about security updates. A callout box points to the 'Public IP address' field, which is '20.172.195.122'.

Now just start the apache2.
`sudo service apache2 start`

This screenshot is a close-up of the terminal window from the previous image. It shows the command 'sudo service apache2 start' being executed. The output of the command is 'apache2.service: Starting Apache HTTP Server: [OK]'. The terminal also shows the system information and the user's prompt 'MyUser@forassignment4:~\$'.

Now copy the public ip of VM created using image and paste it in browser and check if apache2 has started.
Yes it has been started.

The screenshot shows a web browser window displaying the 'Apache2 Ubuntu Default Page'. The page has a red header with the Ubuntu logo and the text 'Apache2 Ubuntu Default Page'. Below the header, there is a section titled 'It works!' which states that the page is the default welcome page used to test the correct operation of the Apache server. It also provides instructions on how to replace the file if the site is not working properly. Below this, there is a 'Configuration Overview' section which explains the configuration files and how they are managed. The page also includes a 'Document Roots' section which states that the default document root is '/usr/sbin/apache2' and that it is not recommended to change it. The browser's address bar shows the URL '20.172.195.122'.