

## Module 4: Assignment 5

### Tasks To Be Performed:

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

### Solution:

#### 1. Deploy a VM from the Previously Created Image

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

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### 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

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

#### Project details

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

Subscription \*

Free Trial

Resource group \*

123

Create new

#### Instance details

Virtual machine name \*

AssignmetFive

Region \*

(Asia Pacific) Central India

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## Select an image

Other Items

- My Images
- Shared Images**
- Community Images
- Direct Shared Images (PREVIEW)
- Marketplace

### Other Items | Shared Images

Publisher: **All** Azure Compute Gallery: **All**

| Image Name  | Subscription | Publisher | Gallery name       |
|-------------|--------------|-----------|--------------------|
| UbuntuImage | Free Trial   | canonical | UbuntuImageGallery |

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## Create a virtual machine

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Availability options No infrastructure redundancy required

Security type Trusted launch virtual machines  
[Configure security features](#)

Image \* UbuntuImageGallery/UbuntuImage/latest - x64 Gen2  
[See all images](#) | [Configure VM generation](#)

VM architecture ☐ Arm64  
☒ x64  
 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 \* Standard\_D2s\_v3 - 2 vcpus, 8 GiB memory (₹6,376.87/month)  
[See all sizes](#)

## 2. Open port 80 in NSG

## Create a virtual machine ...



Help me create a low cost VM

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Size \* ⓘ

Standard\_D2s\_v3 - 2 vcpus, 8 GiB memory (₹6,376.87/month) ▾

[See all sizes](#)

Enable Hibernation ⓘ

☐

**i** Hibernation does not currently support Trusted launch and Confidential virtual machines for Linux images. [Learn more](#) ⓘ

### 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), SSH (22) ▾

**i** All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

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## 3. Start the Apache2 Service in the VM

Public IP address

: [13.71.34.23](https://13.71.34.23)

