

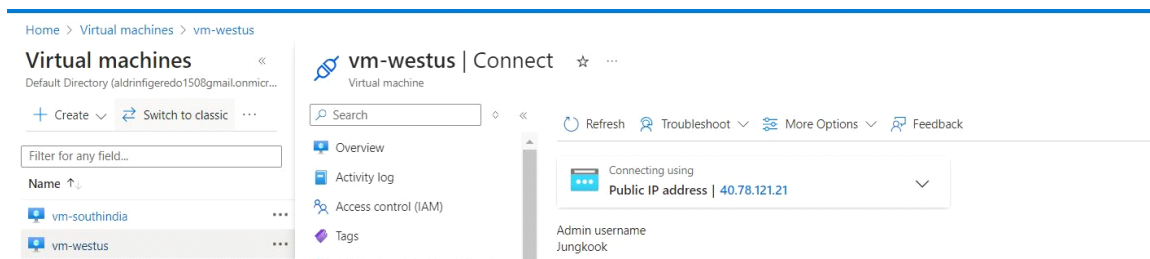
Module 6: Assignment 3

Tasks To Be Performed:

1. Use the previously created VM
2. Created a NIC
3. Attach NIC to the previously created VM

Solution:

1. Use the previously created VM



Jungkook@vm-westus: ~

```
Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.
```

```
C:\Users\Suttu>ssh Jungkook@40.78.121.21
```

```
Jungkook@40.78.121.21's password:
```

```
Welcome to Ubuntu 22.04.4 LTS (GNU/Linux 6.5.0-1025-azure x86_64)
```

```
* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/pro
```

```
System information as of Fri Sep  6 08:22:07 UTC 2024
```

```
System load:  0.0              Processes:            104
Usage of /:   5.9% of 28.89GB   Users logged in:     0
Memory usage: 36%              IPv4 address for eth0: 20.0.0.4
Swap usage:   0%
```

```
Expanded Security Maintenance for Applications is not enabled.
```

```
10 updates can be applied immediately.
```

```
10 of these updates are standard security updates.
```

```
To see these additional updates run: apt list --upgradable
```

```
Enable ESM Apps to receive additional future security updates.
```

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

```
Last login: Fri Sep  6 08:09:13 2024 from 223.233.81.229
```

```
To run a command as administrator (user "root"), use "sudo <command>".
```

```
See "man sudo_root" for details.
```

Jungkook@vm-westus:~\$

```
Jungkook@vm-westus:~$ sudo apt-get update
```

```
Hit:1 http://azure.archive.ubuntu.com/ubuntu jammy InRelease
```

```
Hit:2 http://azure.archive.ubuntu.com/ubuntu jammy-updates InRelease
```

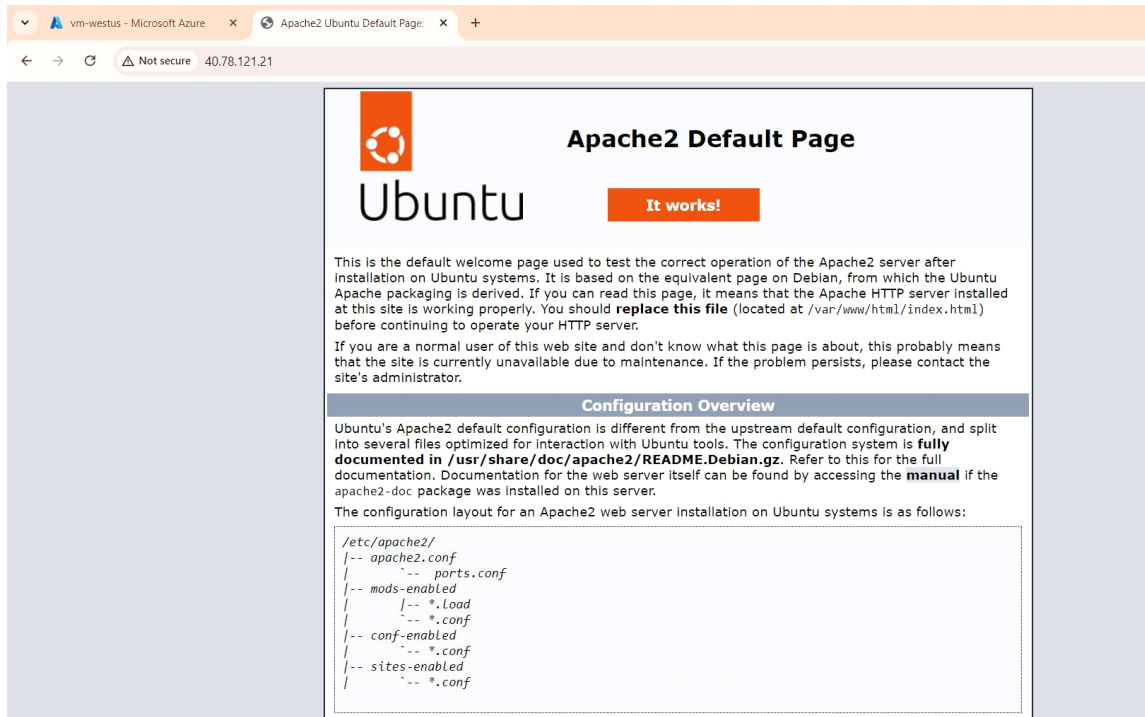
```
Hit:3 http://azure.archive.ubuntu.com/ubuntu jammy-backports InRelease
```

```
Hit:4 http://azure.archive.ubuntu.com/ubuntu jammy-security InRelease
```

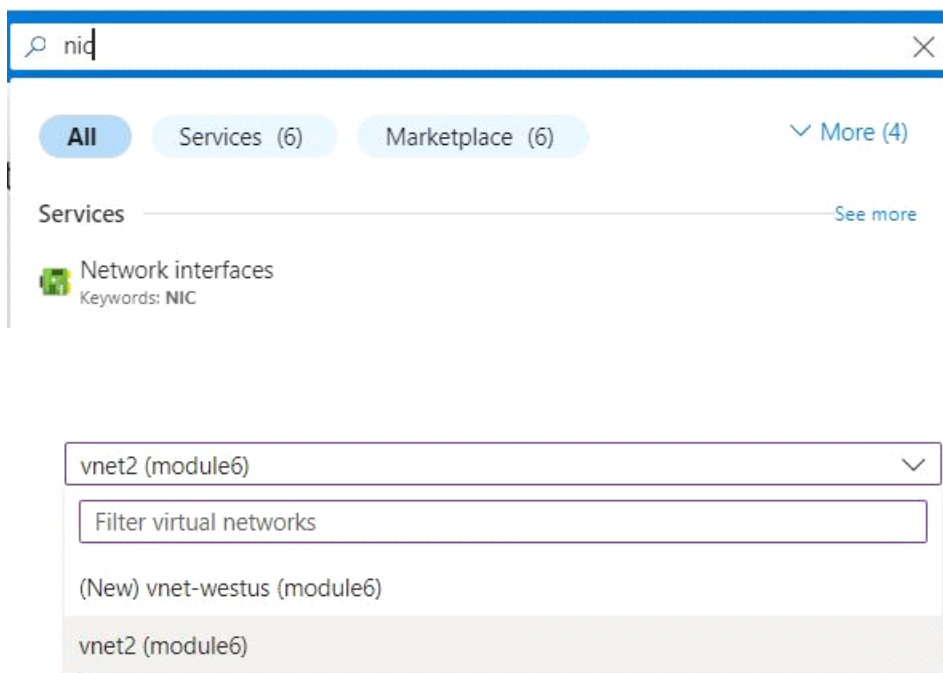
```
Reading package lists... Done
```

Jungkook@vm-westus:~\$

```
Jungkook@vm-westus:~$ sudo apt-get install apache2 -y
```



2. Created a NIC



(New) snet-westus-1

Filter subnets

Compatible subnets

default (20.0.0.0/24)

250 available IP addresses

(New) snet-westus-1 (20.0.1.0/24)

[Home](#) > [Network interfaces](#) >

Create network interface ...

Basics Tags Review + create

Create a network interface and attach it to a virtual machine. A network interface enables a virtual machine to communicate with Internet, Azure, and on-premises resources. [Learn more about network interface](#)

Project details

Subscription *

Free Trial

Resource group *

module6

[Create new](#)

Instance details

Name *

custom-nic

Region *

West US

Virtual network ⓘ

vnet2 (module6)

[Edit virtual network](#)

Subnet * ⓘ

default

[Edit subnet](#)

20.0.0.0 - 20.0.0.255 (256 addresses)

IP version

☒ IPv4


☐ IPv4 and IPv6

Private IP address assignment

☒ Dynamic

☐ Static

Create network interface ...

 Validation passed

- Basics
- Tags
- Review + create

Basics

Subscription	Free Trial
Resource group	module6
Region	West US
Name	custom-nic
Virtual network	vnet2 (module6)
Subnet	default (20.0.0.0/24)
IP version	IPv4
Private IP address assignment	Dynamic

Tags

None

Home > **Microsoft.NetworkInterface-20240906135504 | Overview** ✎ ...

Deployment

Search X « Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ **Your deployment is complete**

Deployment name : Microsoft.NetworkInterface-20240906135504 Start time : 9/6/2024, 1:58:52 PM

Subscription : Free Trial Correlation ID : 8ac6561b-4d9e-42bf-9773-5cf45756ad48

Resource group : module6

> Deployment details

Next steps

[Go to resource](#)

Give feedback

[Tell us about your experience with deployment](#)

3. Attach NIC to the previously created VM

Microsoft Azure Upgrade Search resources, services, and docs (G+/I)

Home > **Microsoft.NetworkInterface-20240906135504 | Overview** > custom-nic

custom-nic | Network security group ☆ ...

Network Interface

Search ◊ « Save Discard

Overview

Activity log

Access control (IAM)

Tags

Settings

IP configurations

DNS servers

Network security group

Properties

Locks

Monitoring

Automation

Help

Network security group ⓘ

None ▼

Home > Virtual machines > **vm-westus** ☆ ...

Virtual machine

Search ◊ « Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback CU / PS

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Stop this virtual machine

Do you want to stop 'vm-westus'?

Deallocation operations usually complete within 1-2 minutes but may take up to 90 minutes in some cases. You can leave the page and track the progress via notifications.

Yes No

Time created : 9/6/2024, 7:54 AM UTC

JSON View

ubuntu 22.04

16 GBs (1 vcpu, 1 GB memory)

21.21

default

assigned

✓

Successfully stopped virtual machine

✕

Successfully stopped the virtual machine 'vm-westus'.

a few seconds ago

Home > Virtual machines > vm-westus

Virtual machines

Default Directory (aldrinfigeredo1508gmail.onmicr...

+ Create ▾ ↺ Switch to classic ...

Filter for any field...

Name ↑

vm-southindia

vm-westus

vm-westus | Network settings

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Network settings

This is a new experience. [Please provide feedback](#)

Attach network interface

Attach existing network interface

Create and attach network interface

Ok Cancel

Essentials

Network interface : vm-westus100

Virtual network / sub... : vnet2 / default

Public IP address : 40.78.121.21

This is a new experience. [Please provide feedback](#)

Attach network interface

custom-nic

Create and attach network interface

Ok Cancel

This is a new experience. [Please provide feedback](#)

[Attach network interface](#) [Detach network interface](#) [View topology](#) [Troubleshoot](#) [Refresh](#) [Give feedback](#)

Network interface / IP configuration

custom-nic / Ipv4config (primary)

▼

