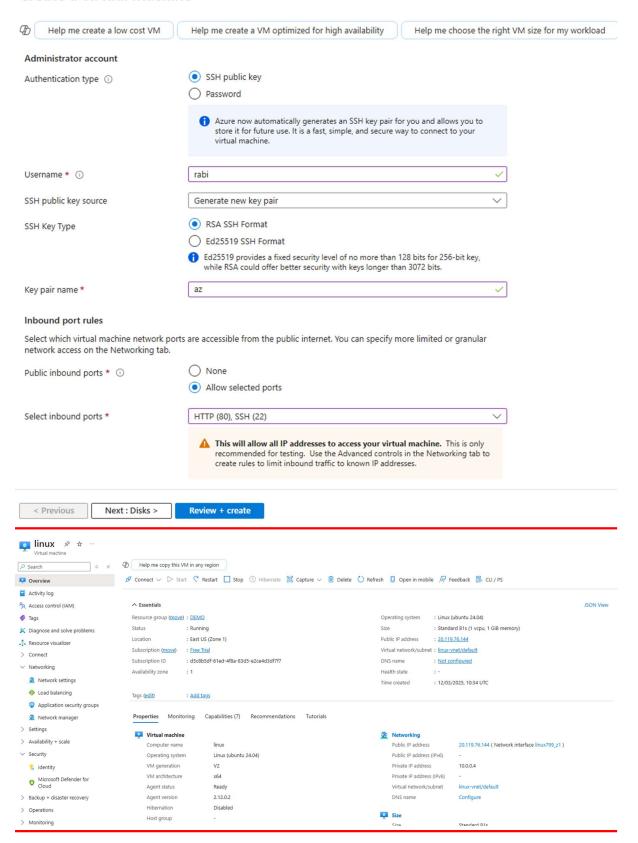
Module 4: Assignment – 4

Create a virtual machine

The Help me create a low cost VM	Help me create a VM optimized for high availability Help me choose the righ	t VM size for my workload
Create a virtual machine that runs Linux o	nagement Monitoring Advanced Tags Review + create Windows. Select an image from Azure marketplace or use your own customized ew + create to provision a virtual machine with default parameters or review each tab	
1 This subscription may not be eligible to deploy VMs of certain sizes in certain regions.		
Project details Select the subscription to manage deploy your resources.	ed resources and costs. Use resource groups like folders to organize and manage all	
Subscription * ①	Free Trial V	
Resource group * ①	demo V	
Instance details		
Virtual machine name * ①	linux	
Region * ①	(US) East US	
Availability options ①	Availability zone V	
Zone options ①	Self-selected zone Choose up to 3 availability zones, one VM per zone Azure-selected zone (Preview) Let Azure assign the best zone for your needs Using an Azure-selected zone is not supported in region 'East US'.	
Availability zone * ①	Zone 1	
< Previous Next : Disks >	Review + create	

Create a virtual machine





Memory usage: 33% Swap usage: 0% IPv4 address for eth0: 10.0.0.4

Expanded Security Maintenance for Applications is not enabled.

37 updates can be applied immediately.
12 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

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.

rabi@linux:~\$ sudo apt update sudo apt install apache2 -y sudo systemctl enable apache2 sudo systemctl start apache2



Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at /var/www/html/index.html) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

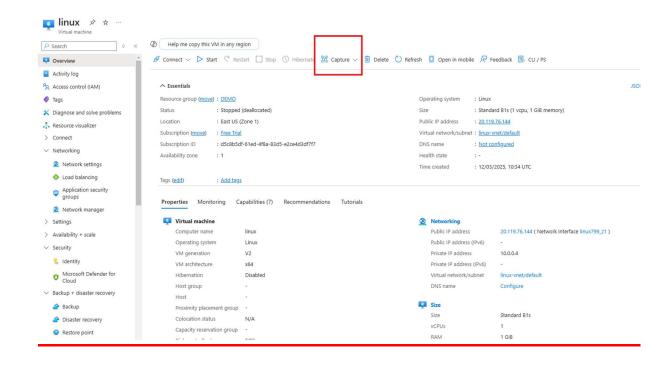
Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in /usr/share/doc/apache2/README.Debian.gz**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the apache2-doc package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
| `-- ports.conf
|-- mods-enabled
| |-- *.load
| `-- *.conf
|-- conf-enabled
| `-- *.conf
|-- sites-enabled
| `-- *.conf
```

- apache2.conf is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
- ports.conf is always included from the main configuration file. It is used to determine the listening ports for incoming connections, and this file can be customized anytime.
- Configuration files in the mods-enabled/, conf-enabled/ and sites-enabled/ directories contain
 particular configuration snippets which manage modules, global configuration fragments, or virtual
 host configurations, respectively.



Home > Virtual machines > linux >

Create an image



Basics Tags Review + create

Basics

Subscription Free Trial
Resource group demo
Region East US
Share image to Azure compute gallery Yes
Automatically delete this virtual machine No

after creating the image

Azure compute gallery (new) demm

Operating system state Generalized

Target VM image definition (new) linux-apache

Version number 0.0.1

Source virtual machine linux

Exclude from latest No

End of life date None

Lock deleting Replicated Locations Yes

Shallow replication No

Replication

Default replica count

Replication East US: 1

Tags

(none)

Create < Previous Next > Download a template for automatic

