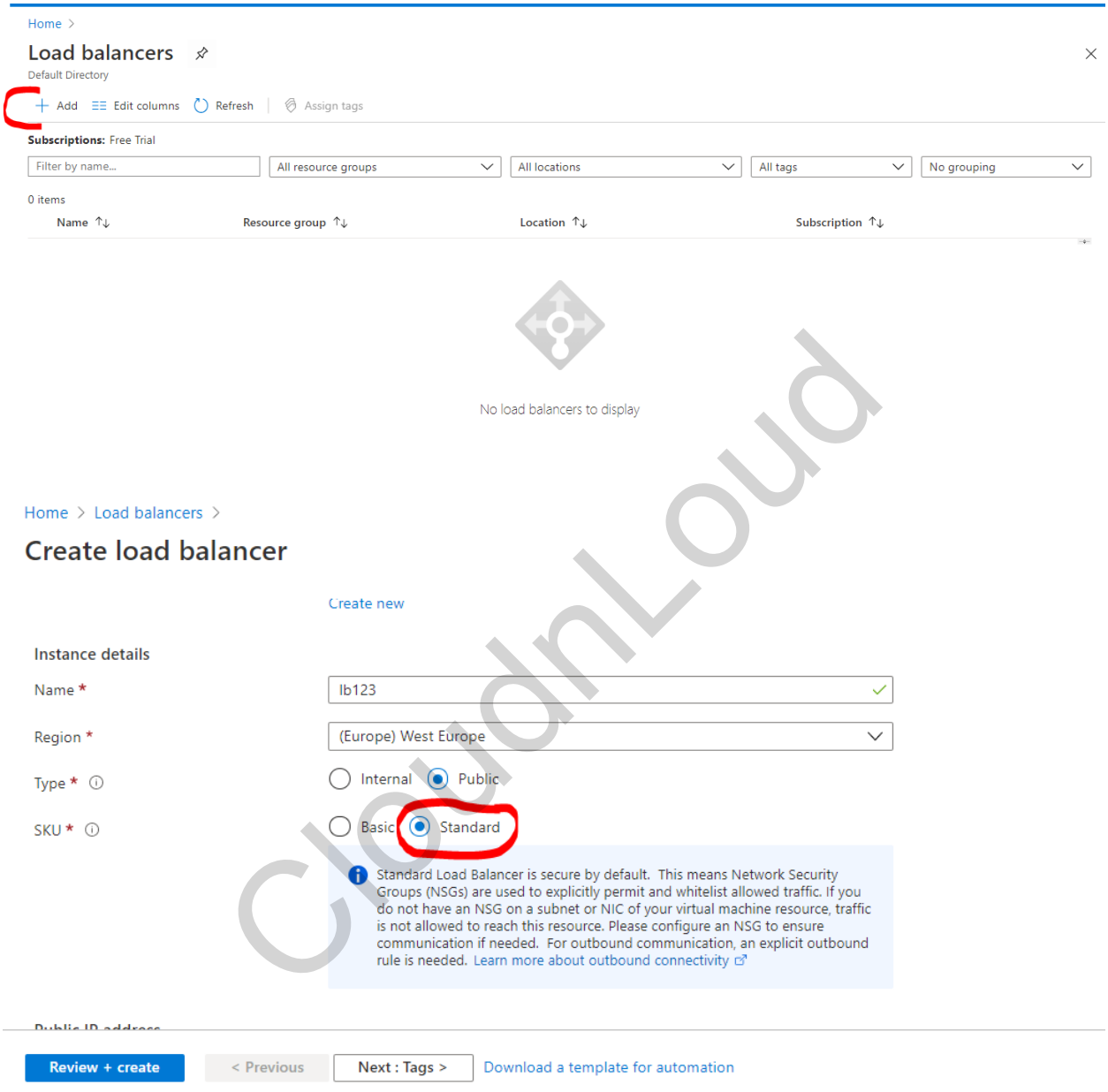
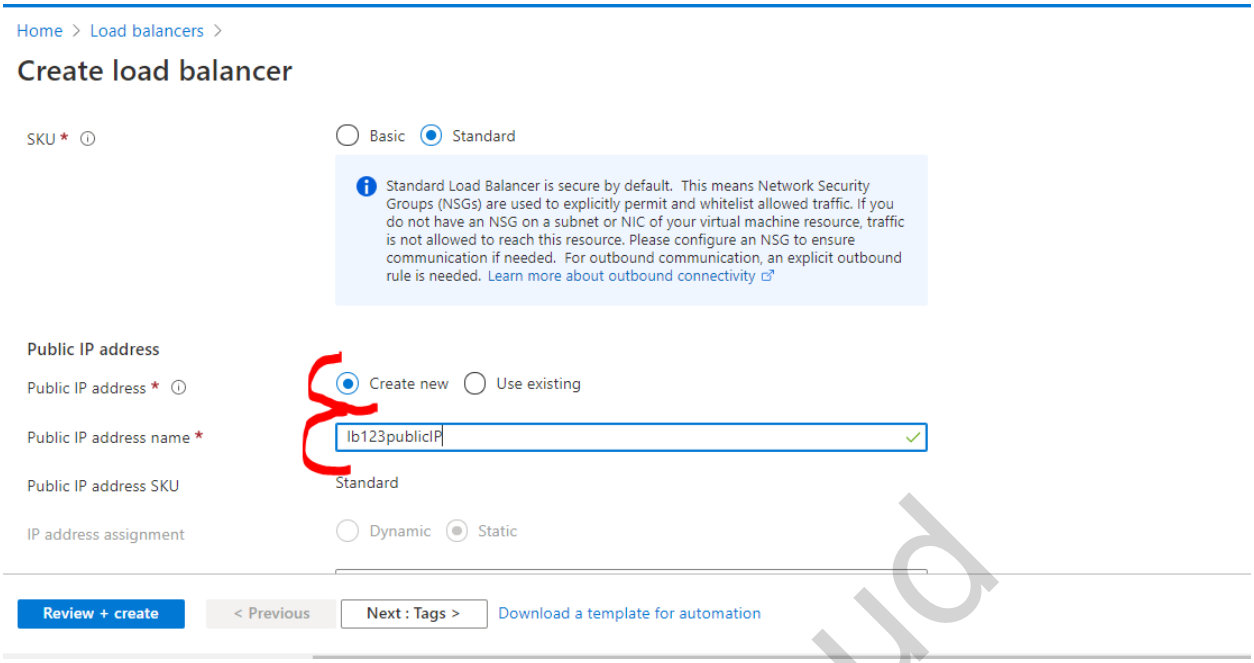
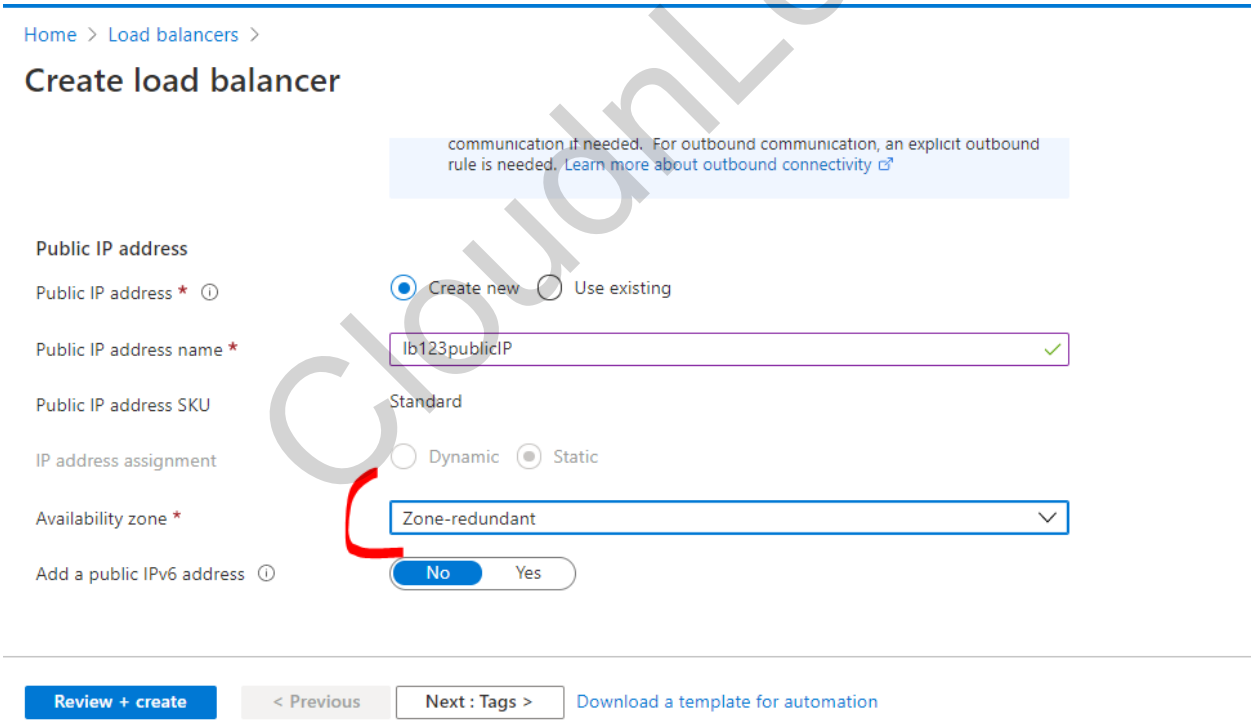
Create loadbalancer







Home > Load balancers >

Create load balancer

Validation passed

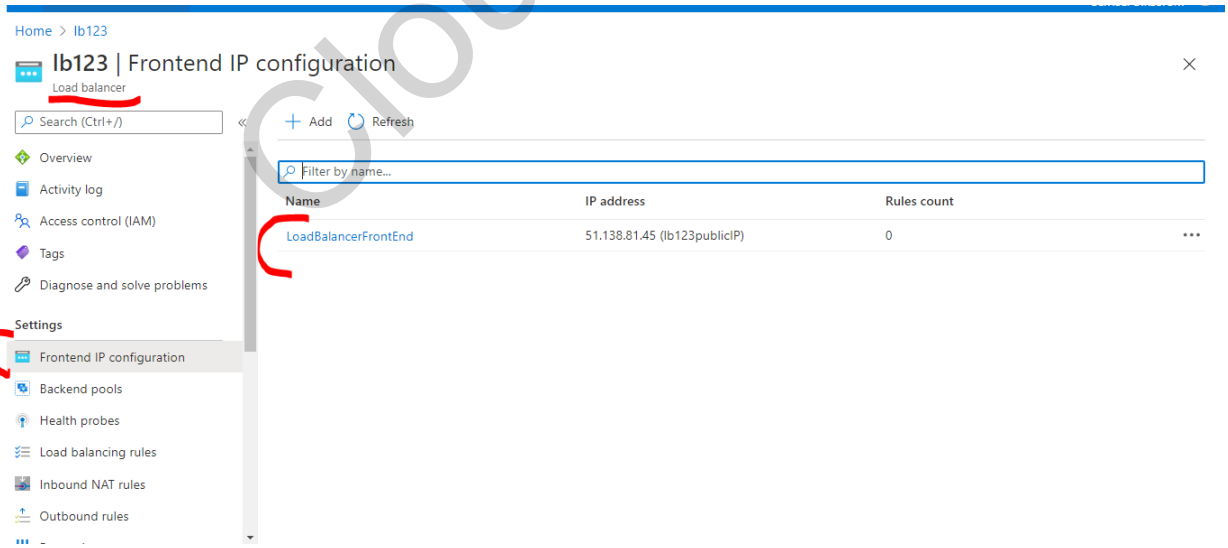
Basics Tags Review + create

Basics

Subscription	Free Trial
Resource group	vijayplaying
Name	lb123
Region	West Europe
SKU	Standard
Type	Public
Public IP address	lb123publicIP

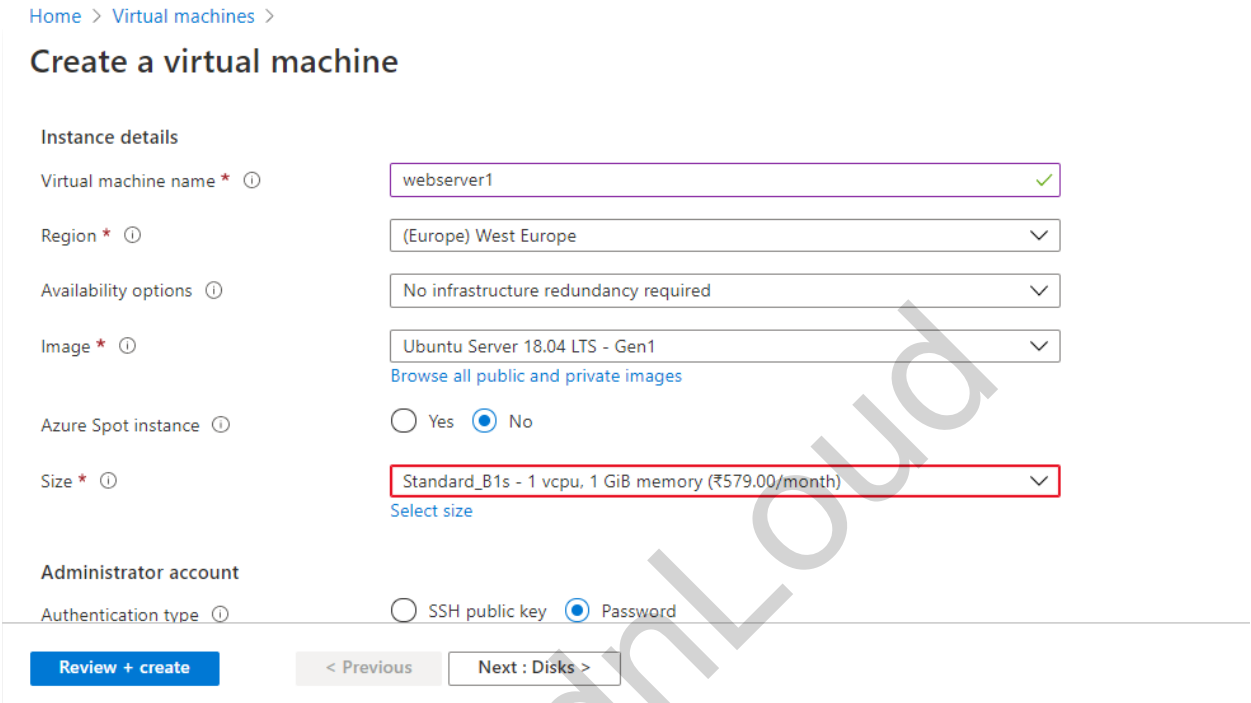
Create < Previous Next > Download a template for automation

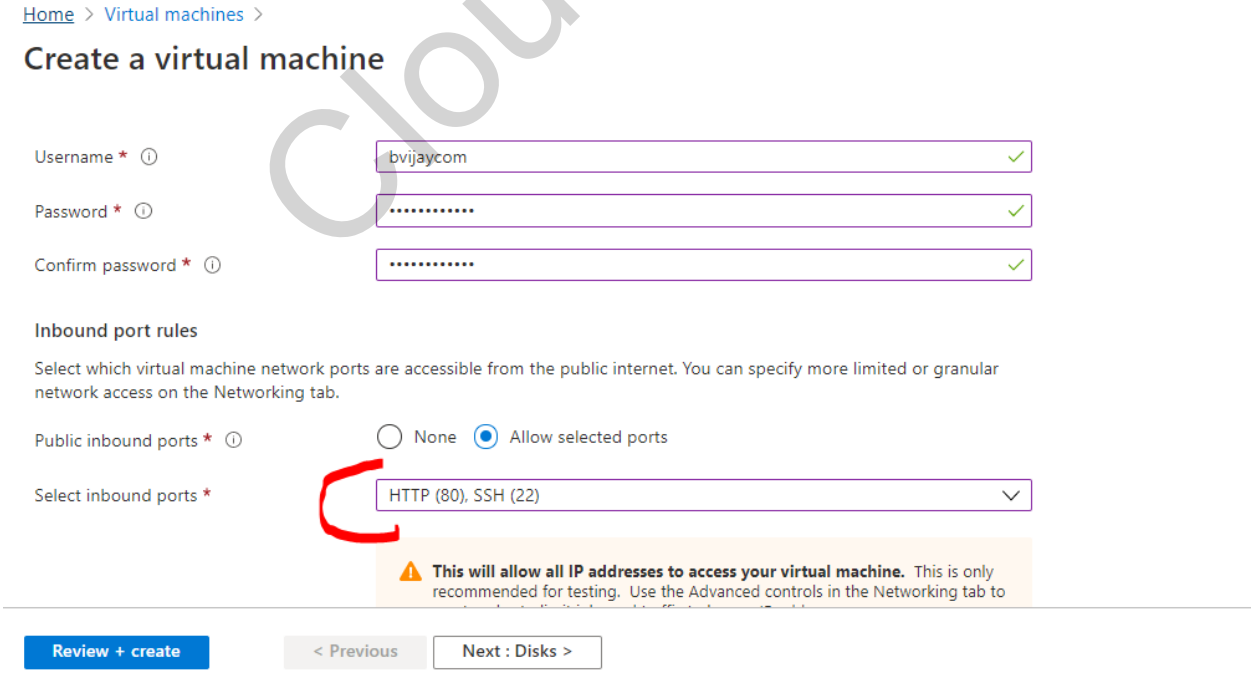
\

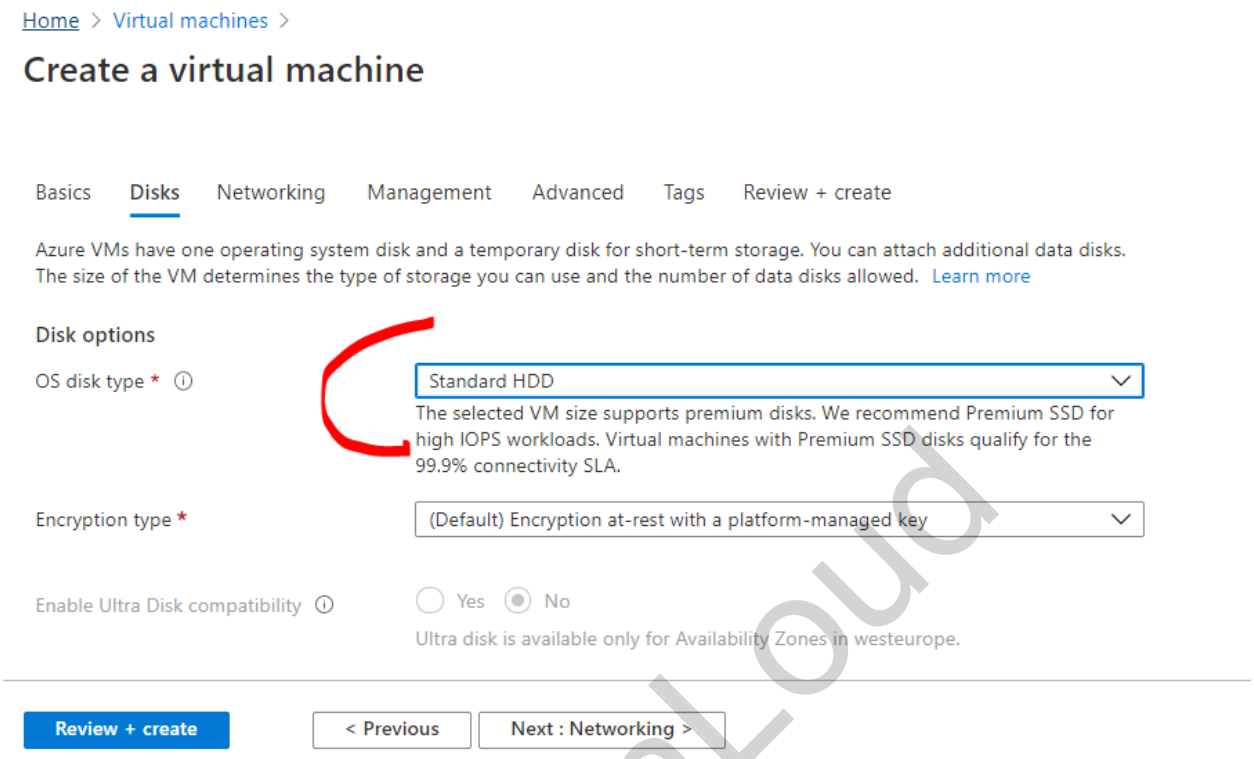


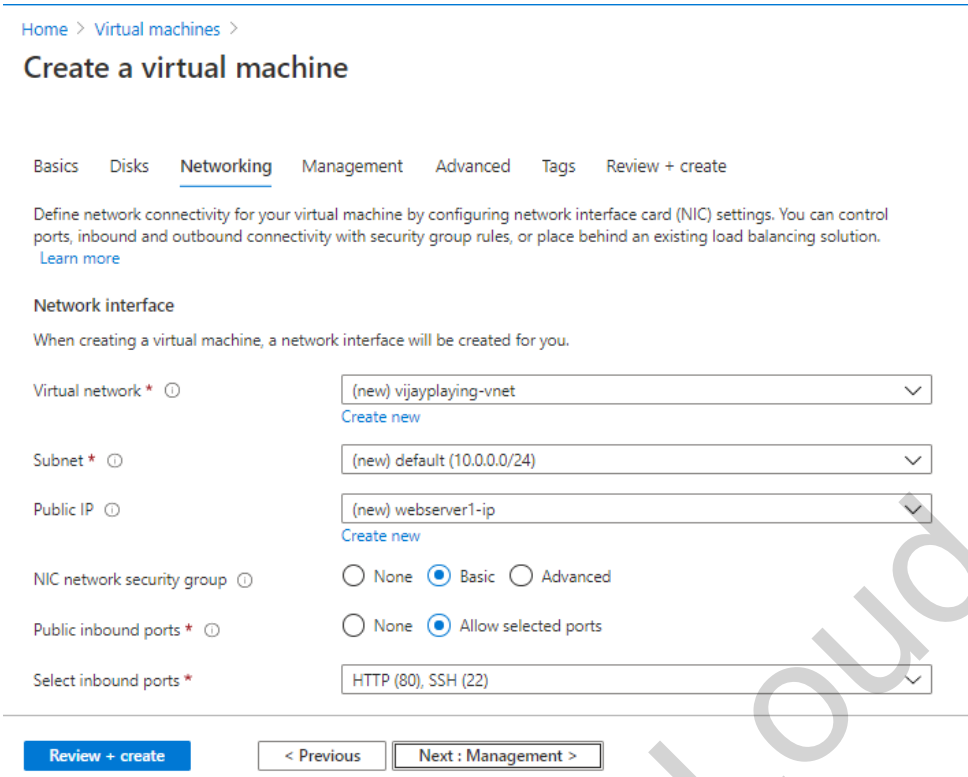
Frontend has been configured.see above screenshot

Now create new virtual machine and install webserver.









Home >

Create a virtual machine

create rules to limit inbound traffic to known IP addresses.

Accelerated networking ⓘ On Off

The selected VM size does not support accelerated networking.

Load balancing

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. Learn more

Place this virtual machine behind an existing load balancing solution? Yes No

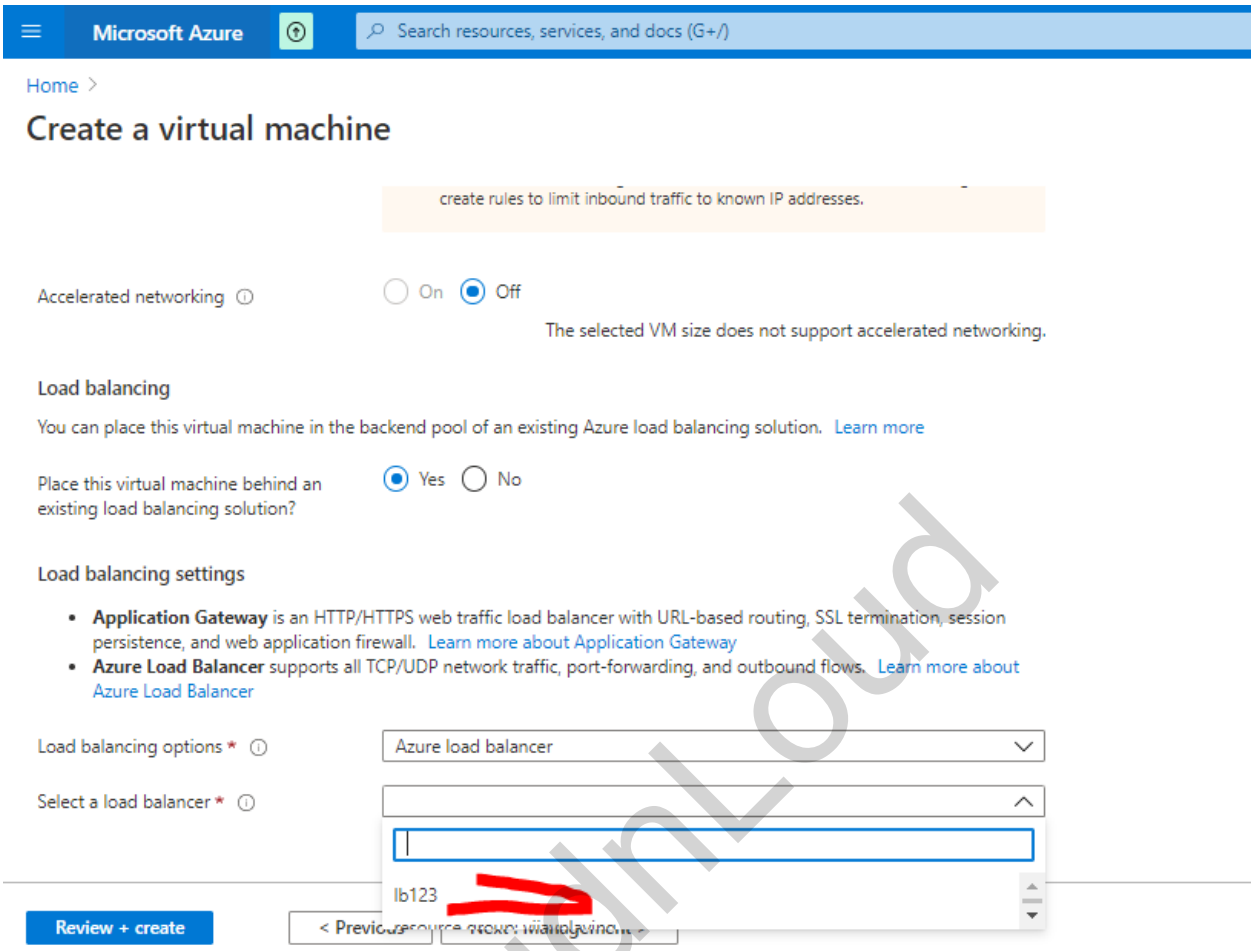
Load balancing settings

- **Application Gateway** is an HTTP/HTTPS web traffic load balancer with URL-based routing, SSL termination, session persistence, and web application firewall. Learn more about Application Gateway
- **Azure Load Balancer** supports all TCP/UDP network traffic, port-forwarding, and outbound flows. Learn more about Azure Load Balancer

Load balancing options * ⓘ Azure load balancer

Select a load balancer * ⓘ

Review + create < Previous Next : Management >



Home >

Create a virtual machine

Accelerated networking ⓘ — On / Off

The selected VM size does not support accelerated networking.

Load balancing

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. Learn more

Place this virtual machine behind an existing load balancing solution? — Yes / No

Load balancing settings

- **Application Gateway** is an HTTP/HTTPS web traffic load balancer with URL-based routing, SSL termination, session persistence, and web application firewall. Learn more about Application Gateway
- **Azure Load Balancer** supports all TCP/UDP network traffic, port-forwarding, and outbound flows. Learn more about Azure Load Balancer

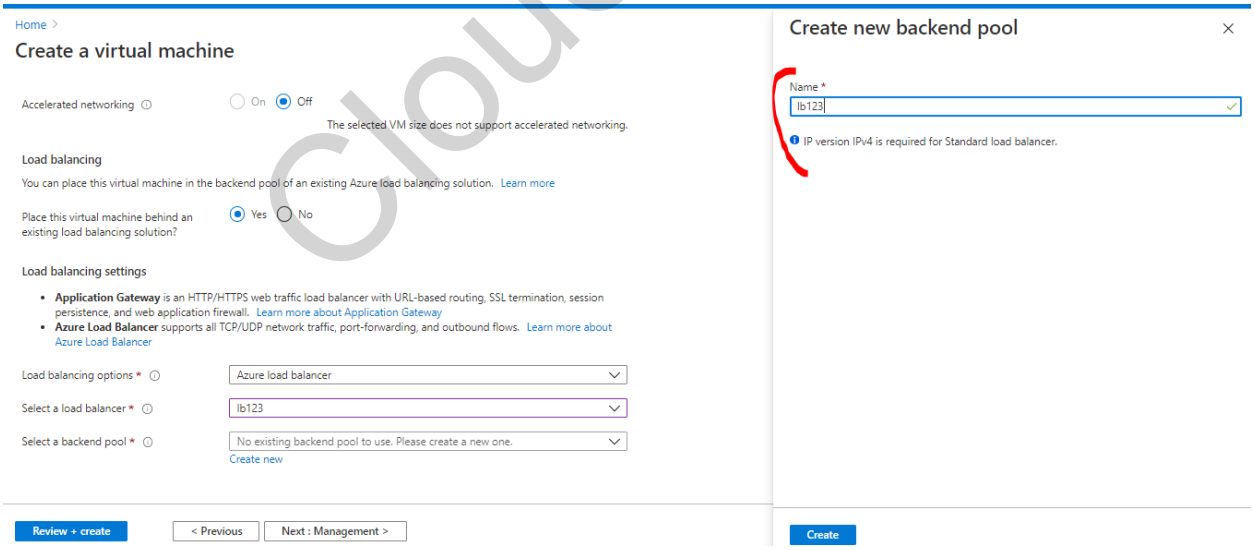
Load balancing options * ⓘ — Azure load balancer

Select a load balancer * ⓘ — lb123

Select a backend pool * ⓘ — No existing backend pool to use. Please create a new one.

Create new

Review + create | < Previous | Next : Management >



Home > Virtual machines >

Create a virtual machine

Basics | Disks | Networking | **Management** | Advanced | Tags | Review + create

Configure monitoring and management options for your VM.

Azure Security Center

Azure Security Center provides unified security management and advanced threat protection across hybrid cloud workloads.
Learn more

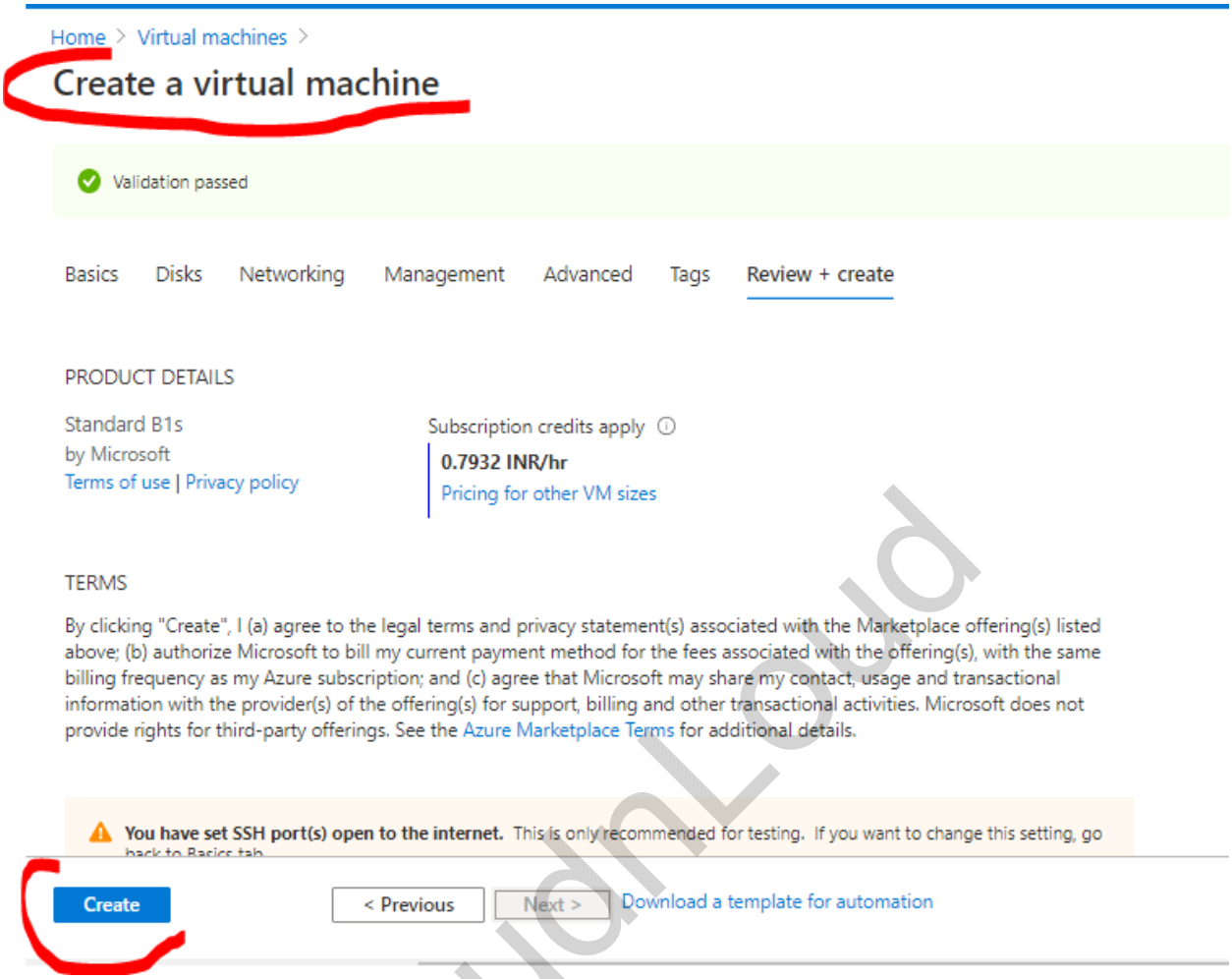
Your subscription is protected by Azure Security Center basic plan.

Monitoring

Boot diagnostics
- ( ) Enable with managed storage account (recommended)
- (•) Enable with custom storage account
- ( ) Disable

OS guest diagnostics
- ( ) On
- (•) Off

Diagnostics storage account *
(new) vijayplayingdiag
Create new



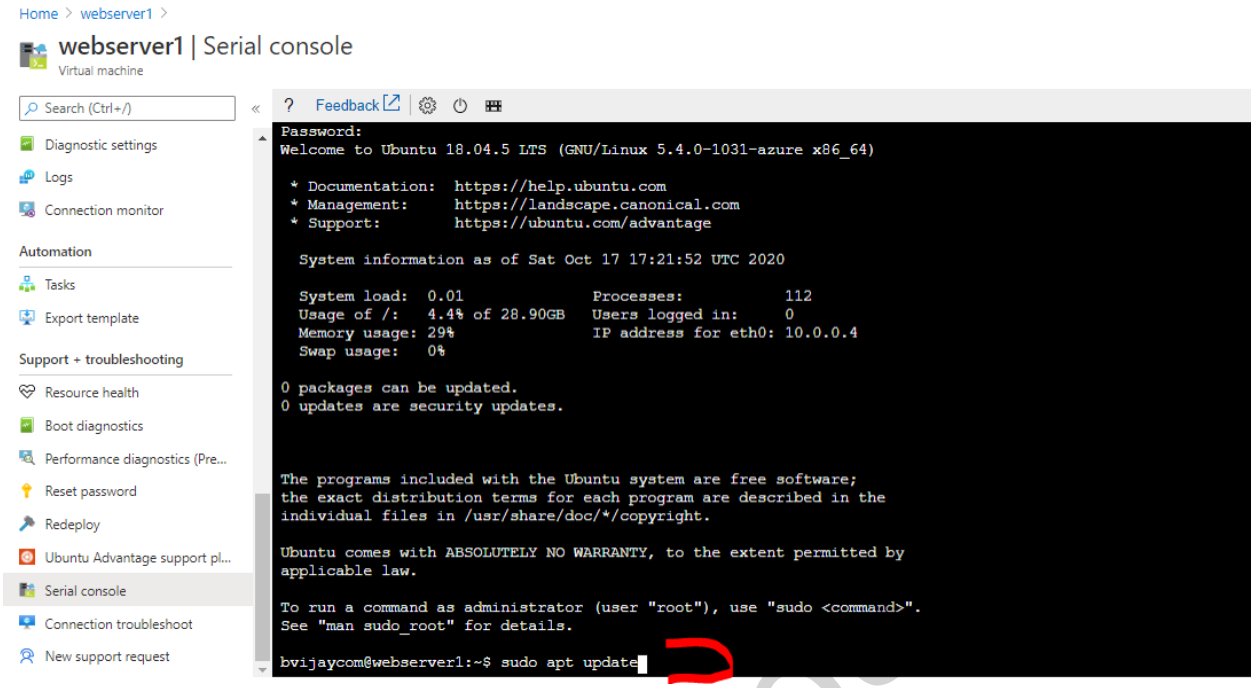
Now login to the Virtual Machine and install apache webserver

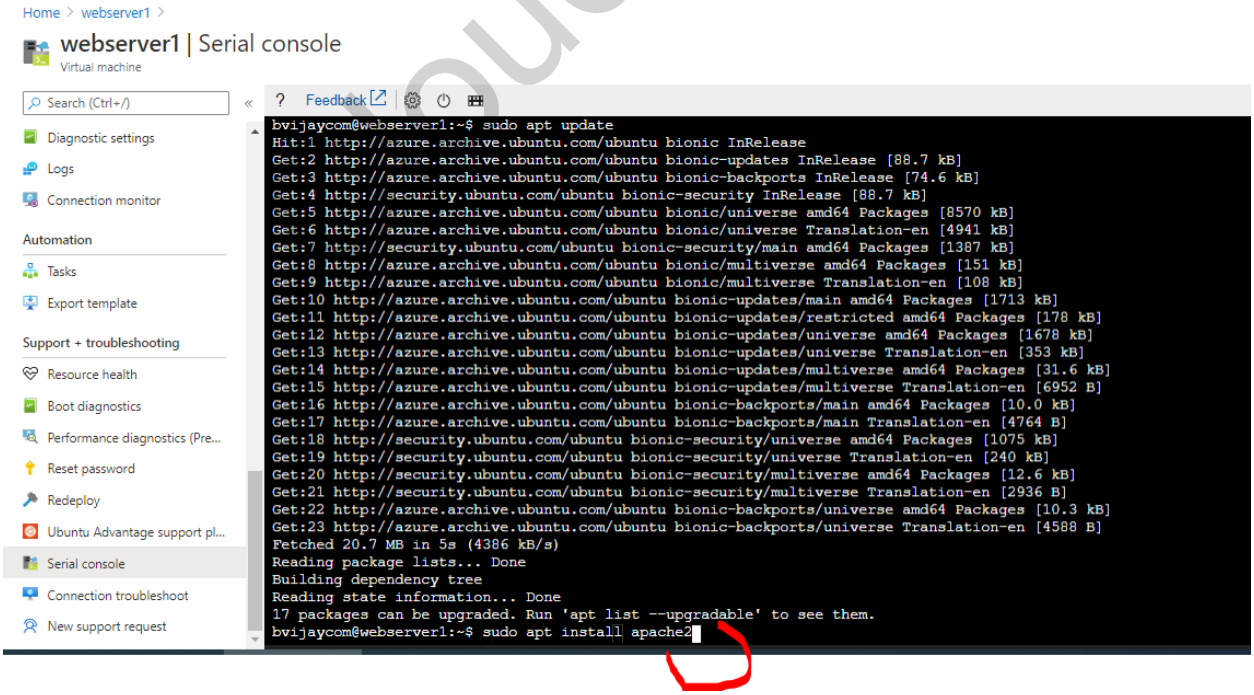
Update your local package index:

sudo apt update

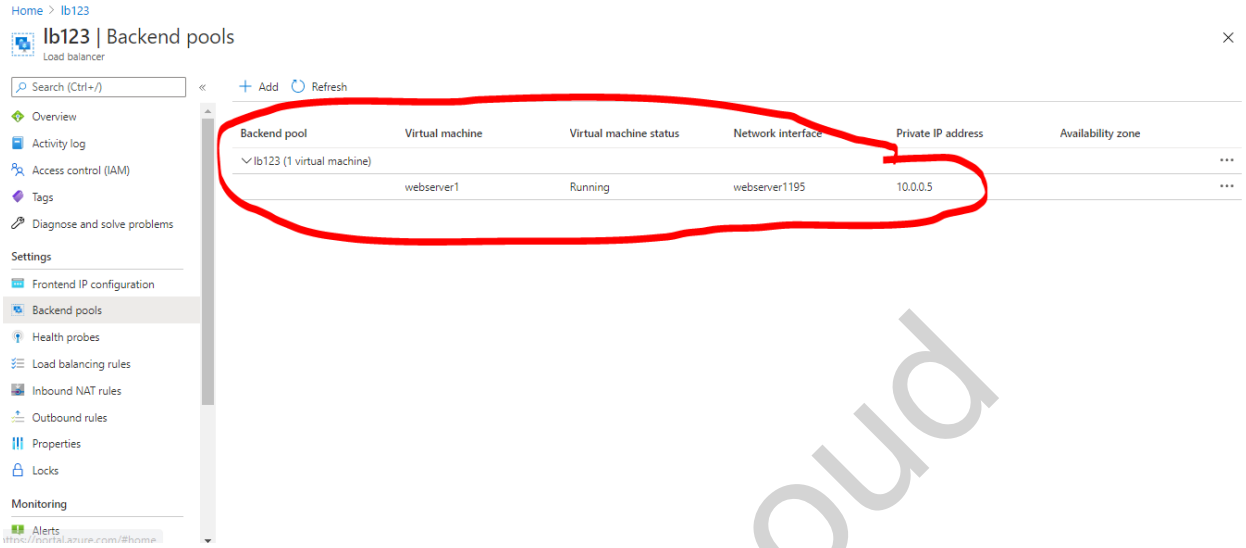
Install the apache2 package:

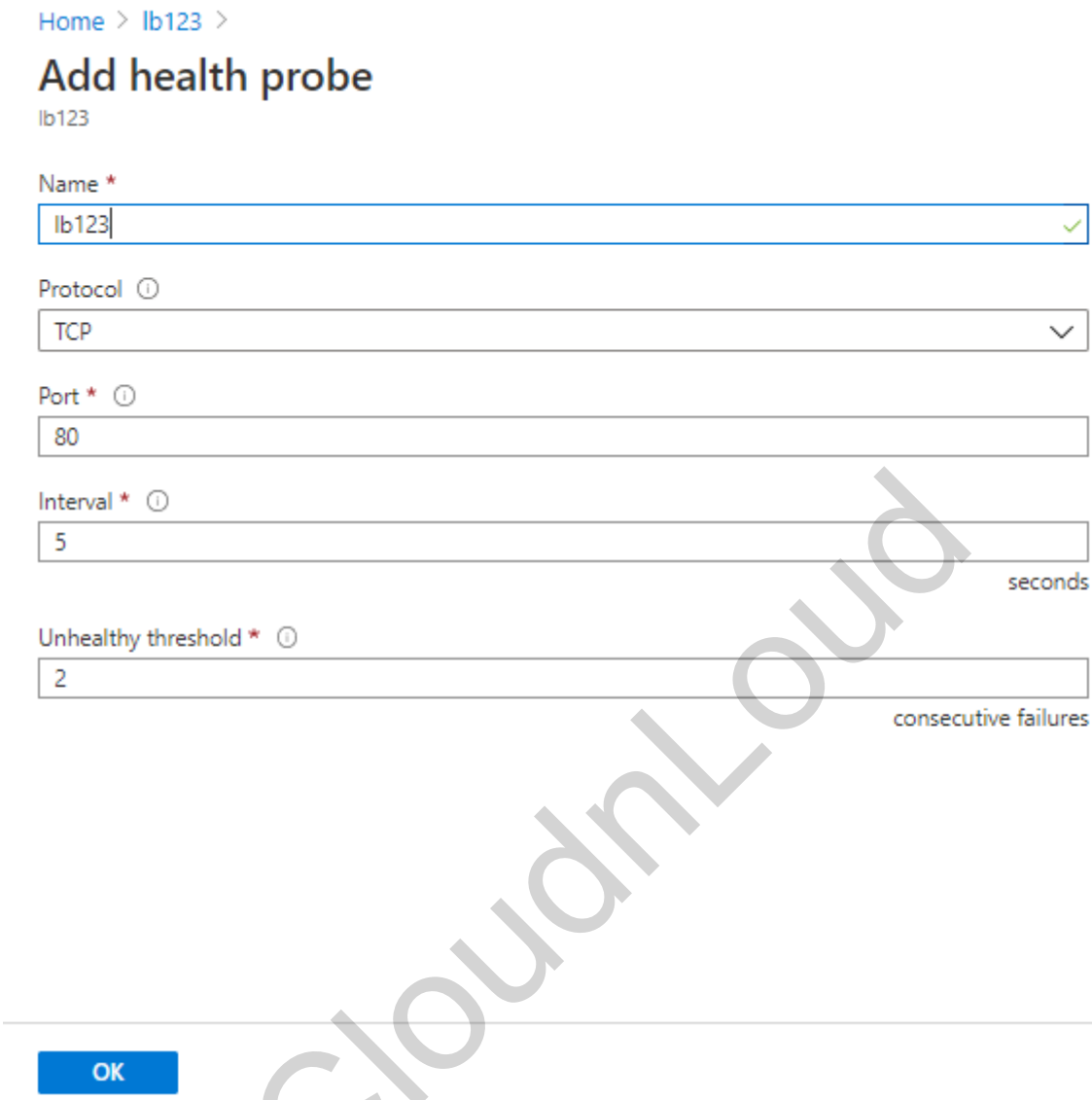
sudo apt install apache2



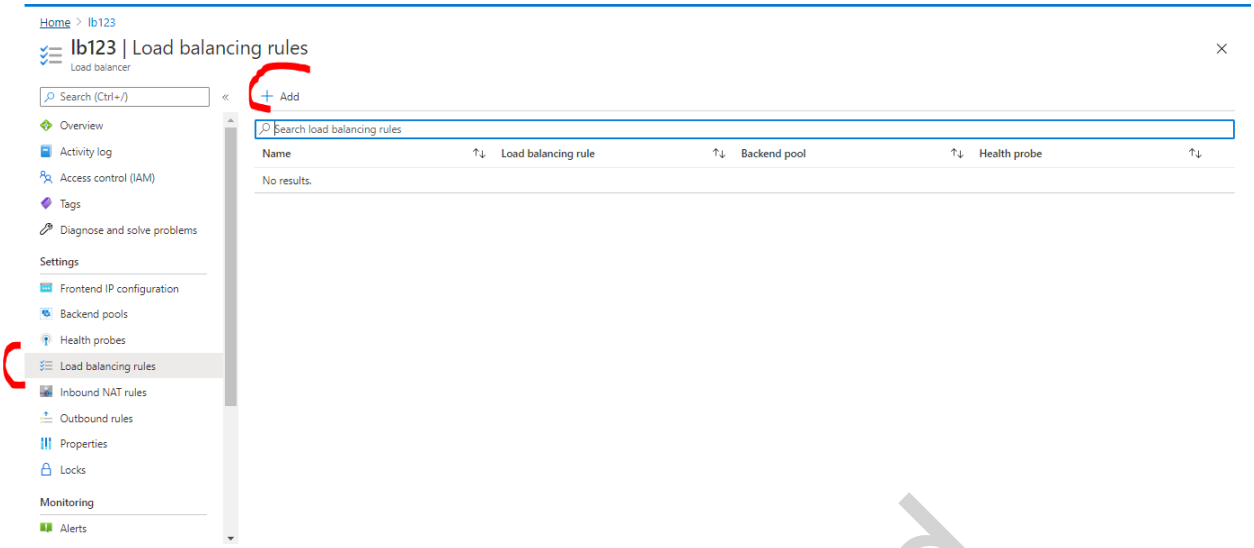


Now goto loadbalancer





Create load balancing rules →



Home > lb123 >

Add load balancing rule

lb123

A load balancing rule distributes incoming traffic that is sent to a selected IP address and port combination across a group of backend pool instances. Only backend instances that the health probe considers healthy receive new traffic.

Name *

lbrule

IP Version *

(•) IPv4 ( ) IPv6

Frontend IP address * ⓘ

51.138.81.45 (LoadBalancerFrontEnd)

Protocol

(•) TCP ( ) UDP

Port *

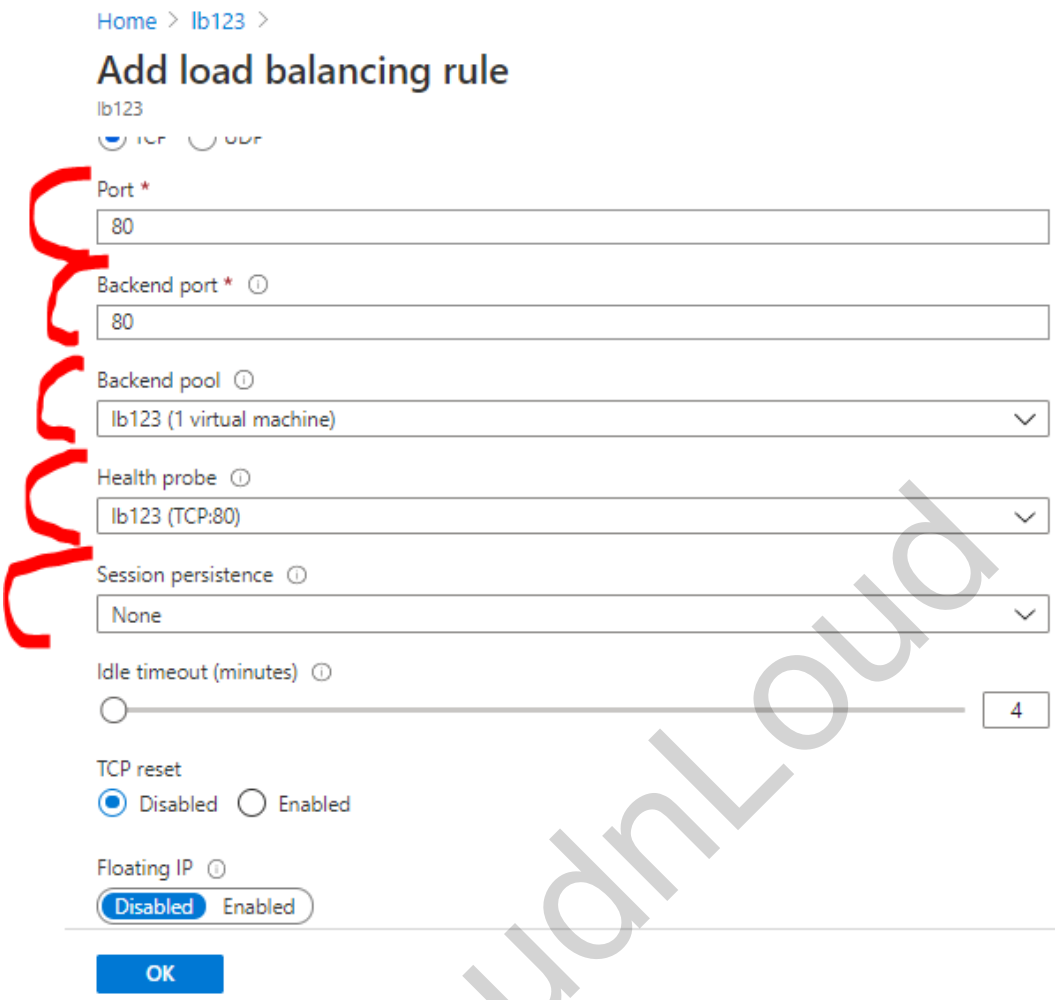
80

Backend port * ⓘ

80

Backend pool ⓘ

OK



Home > lb123 >

Add load balancing rule

lb123

Backend pool ⓘ

lb123 (1 virtual machine)

Health probe ⓘ

lb123 (TCP:80)

Session persistence ⓘ

None

Idle timeout (minutes) ⓘ

4

TCP reset

(•) Disabled ( ) Enabled

Floating IP ⓘ

Disabled Enabled

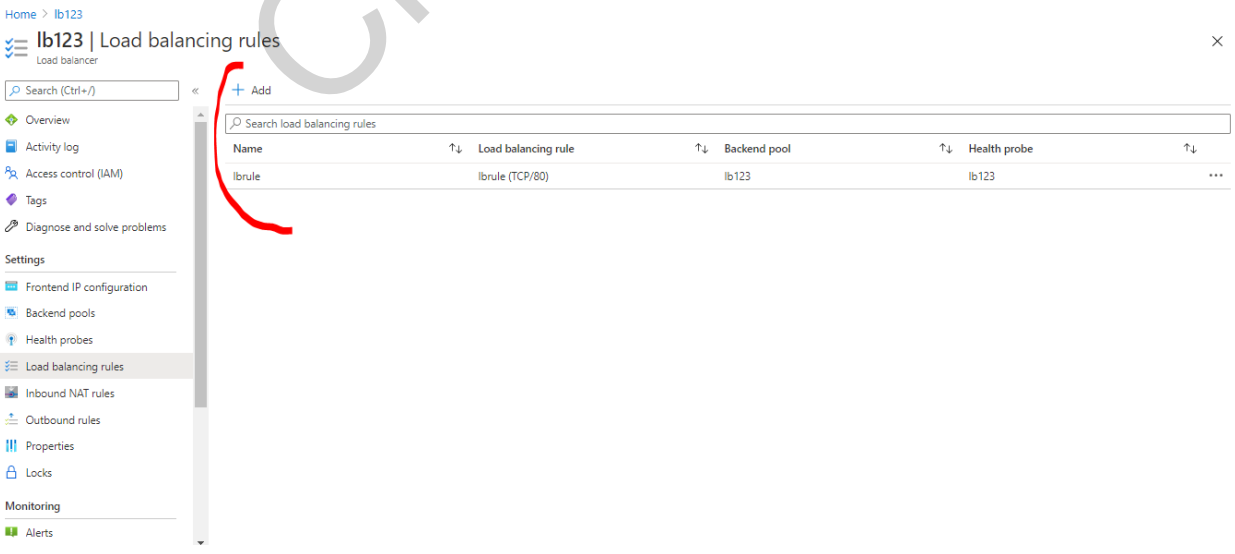
Outbound source network address translation (SNAT) ⓘ

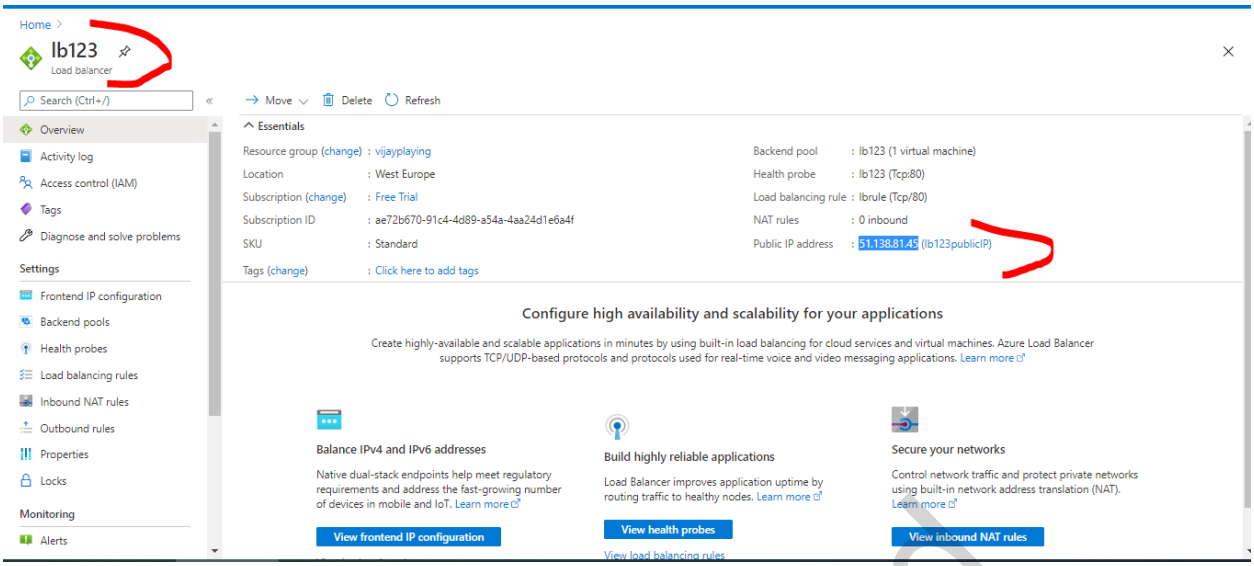
(•) Outbound and inbound use the same IP. SNAT port exhaustion may occur.

( ) (Recommended) Use outbound rules to provide backend pool members access to the internet.

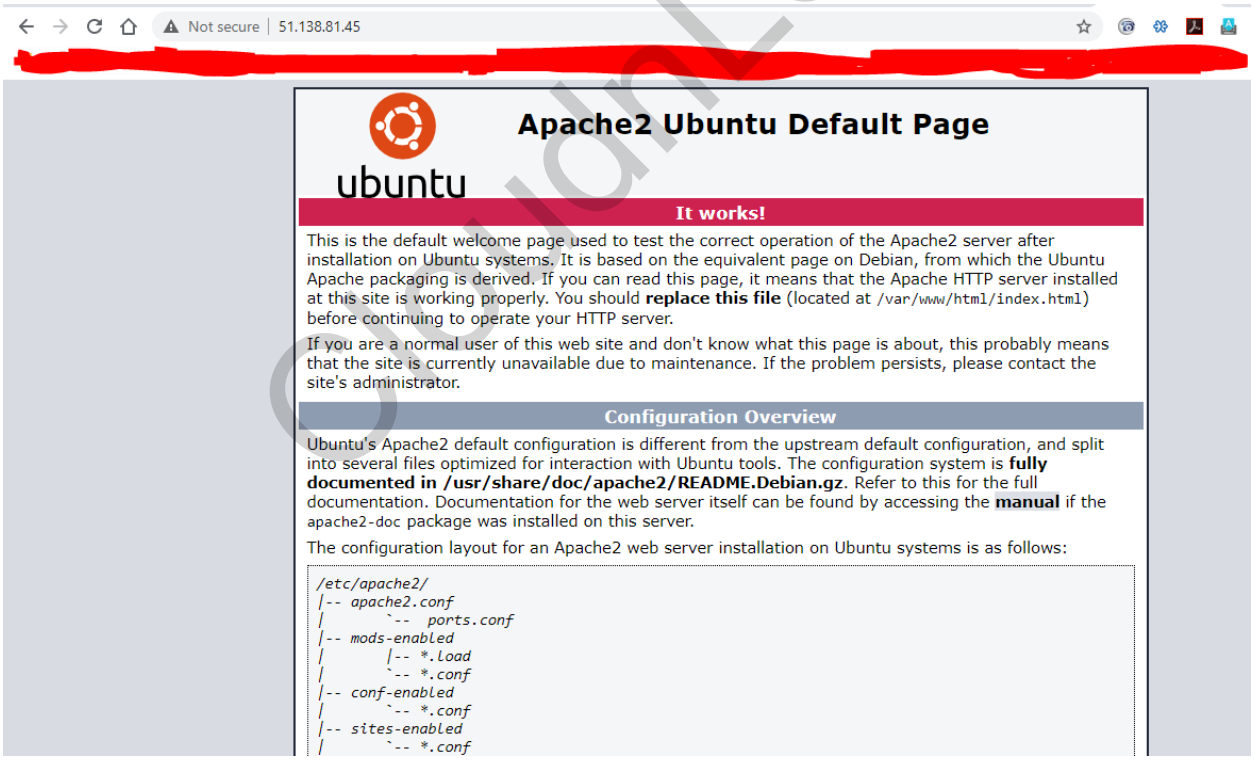
Learn more

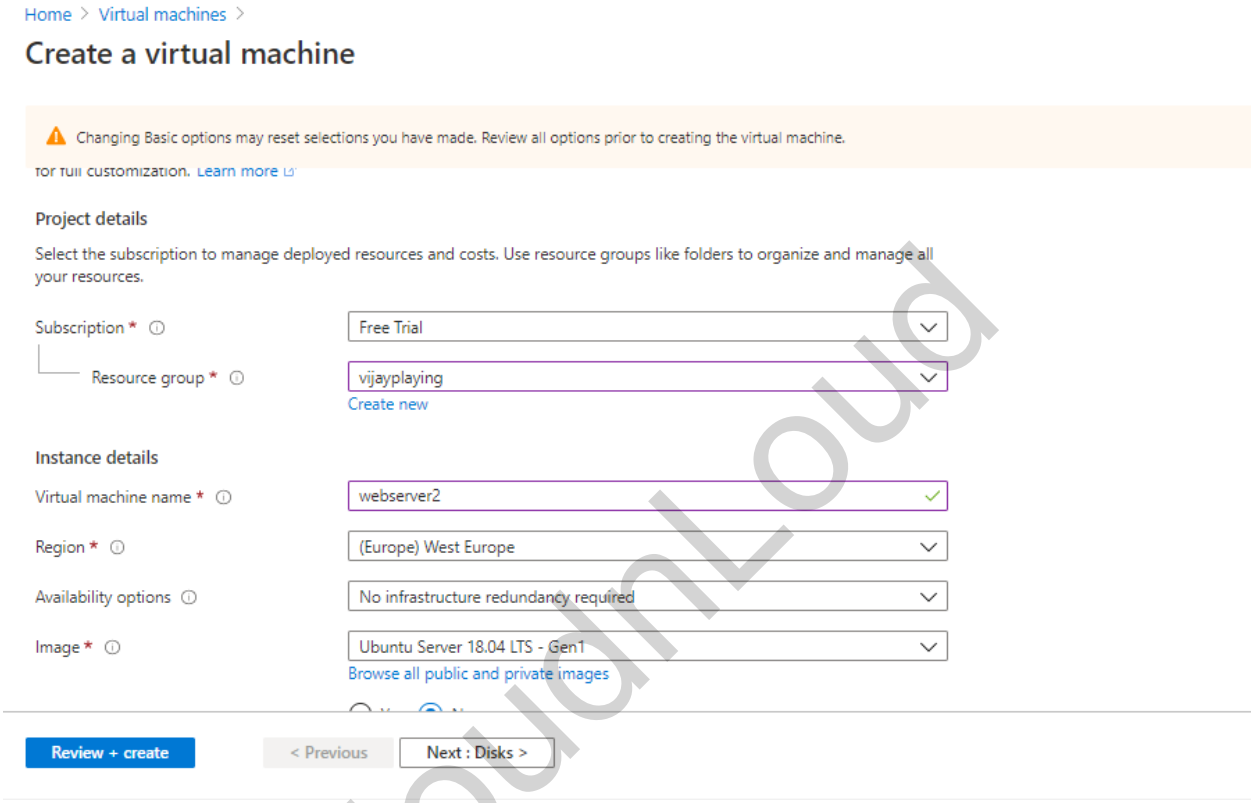
OK





See website is working if you access loadbalancer ip





Home > Virtual machines >

Create a virtual machine

Basics | Disks | **Networking** | Management | Advanced | Tags | Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution.
Learn more

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network * : vijayplaying-vnet
Create new

Subnet * : default (10.0.0.0/24)
Manage subnet configuration

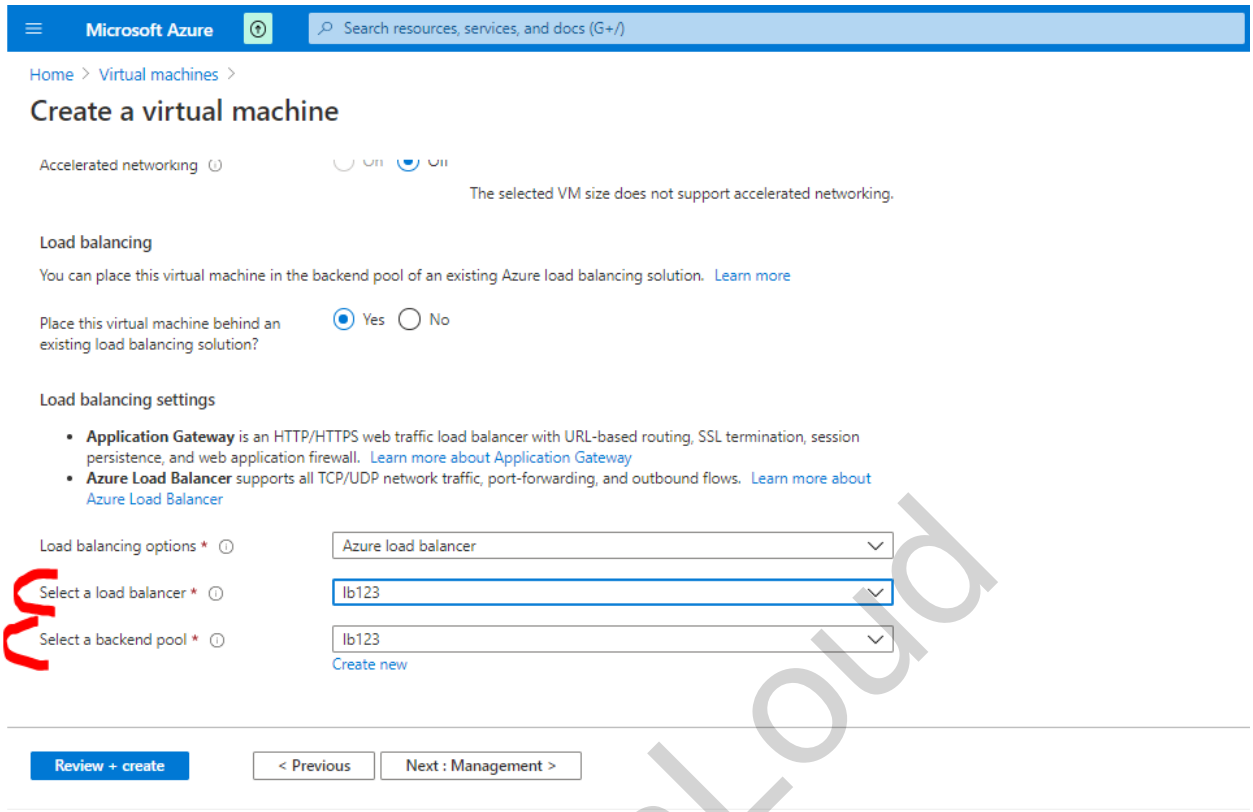
Public IP : (new) webserver2-ip
Create new

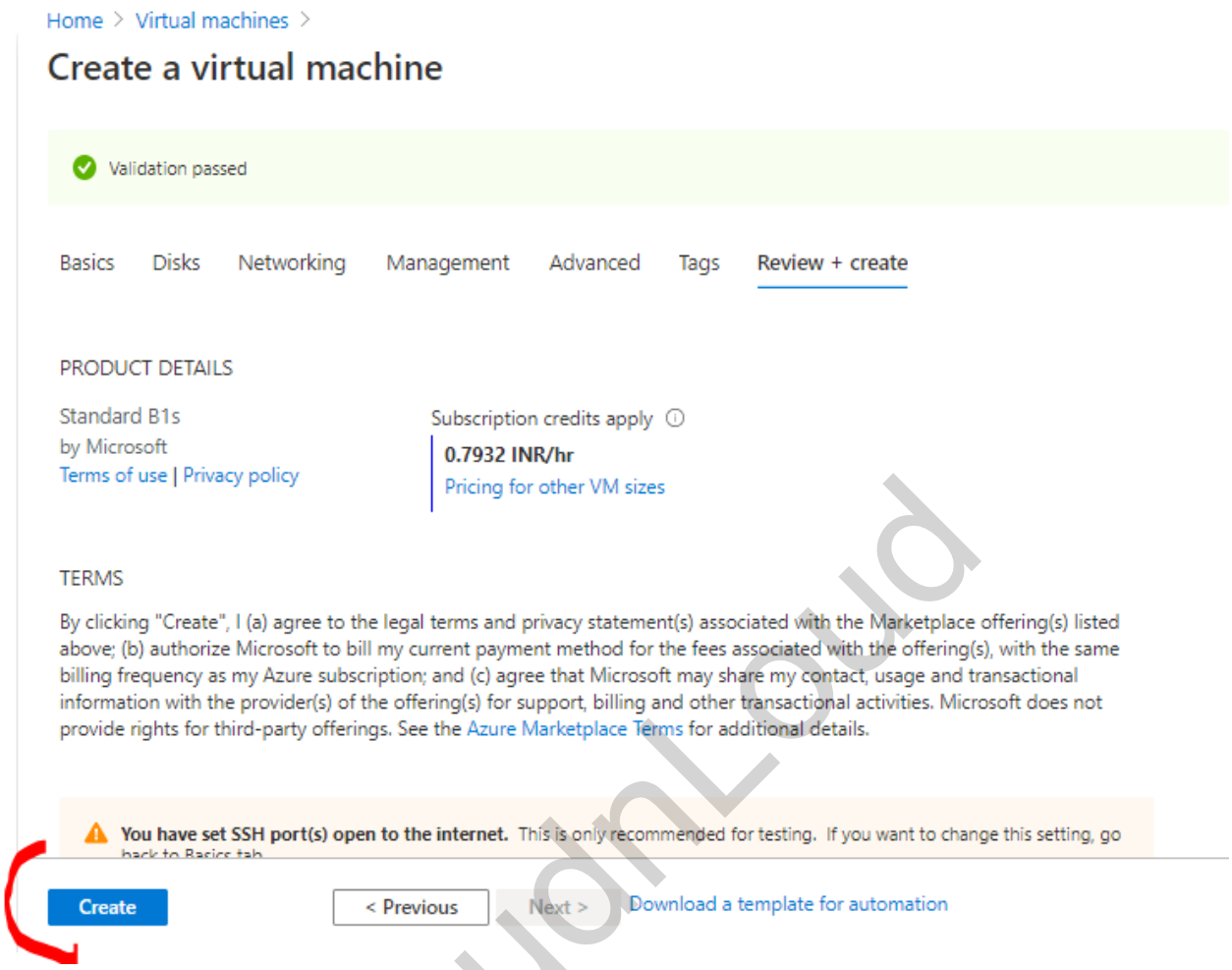
NIC network security group : ○ None ◉ Basic ○ Advanced

Public inbound ports * : ○ None ◉ Allow selected ports

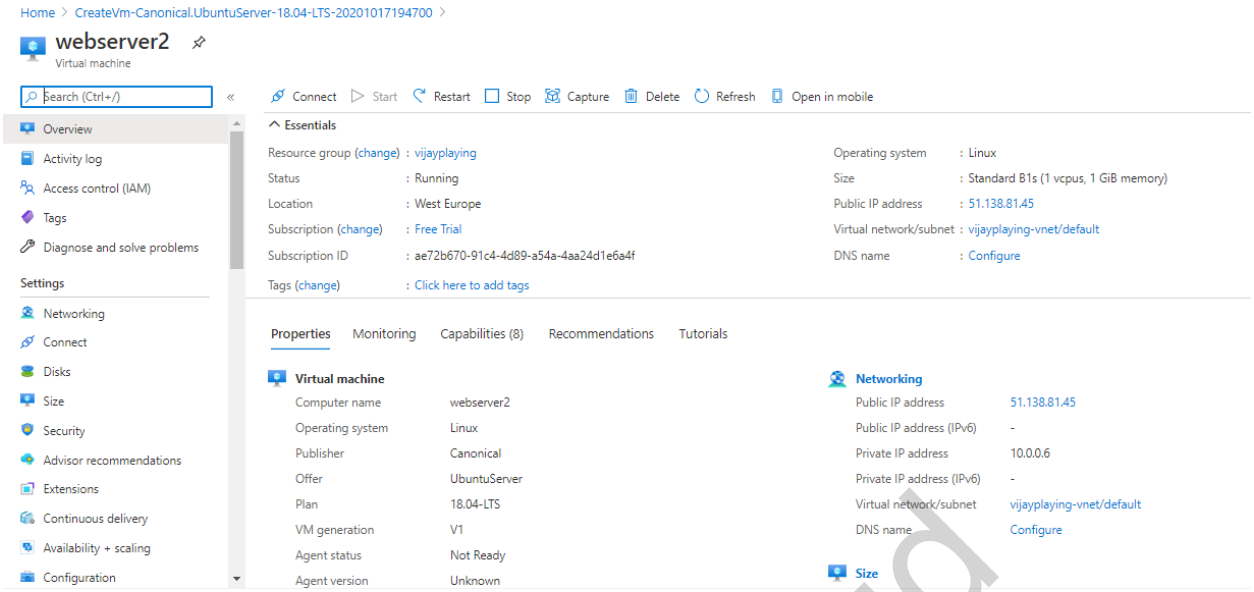
Select inbound ports * : HTTP (80), SSH (22)

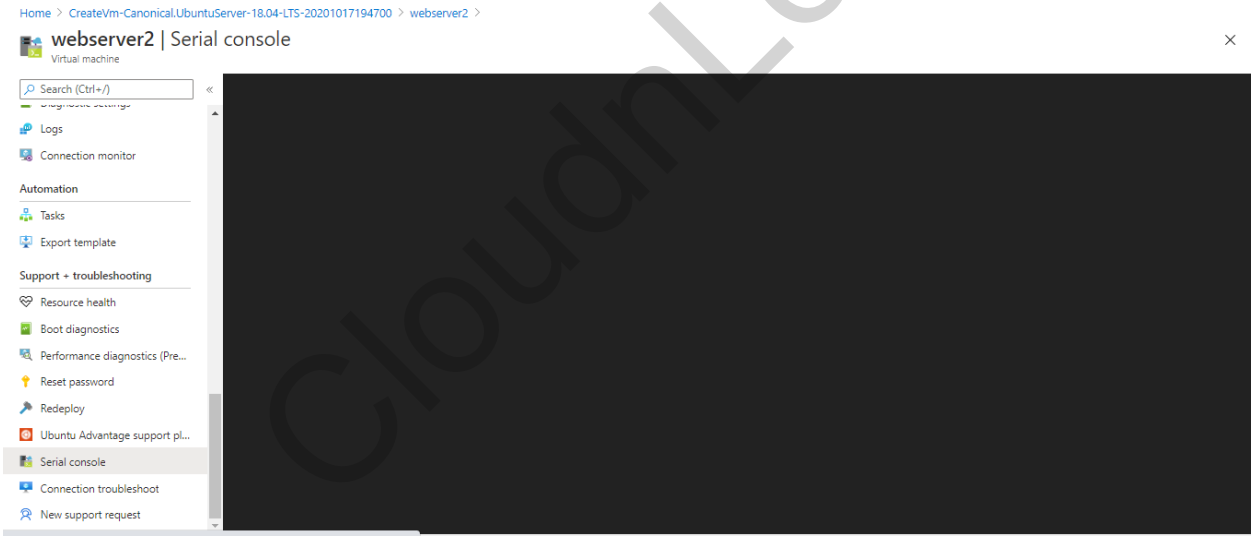
Review + create | < Previous | Next : Management >





Goto webserver2 machine





Now login to the Virtual Machine and install apache webserver

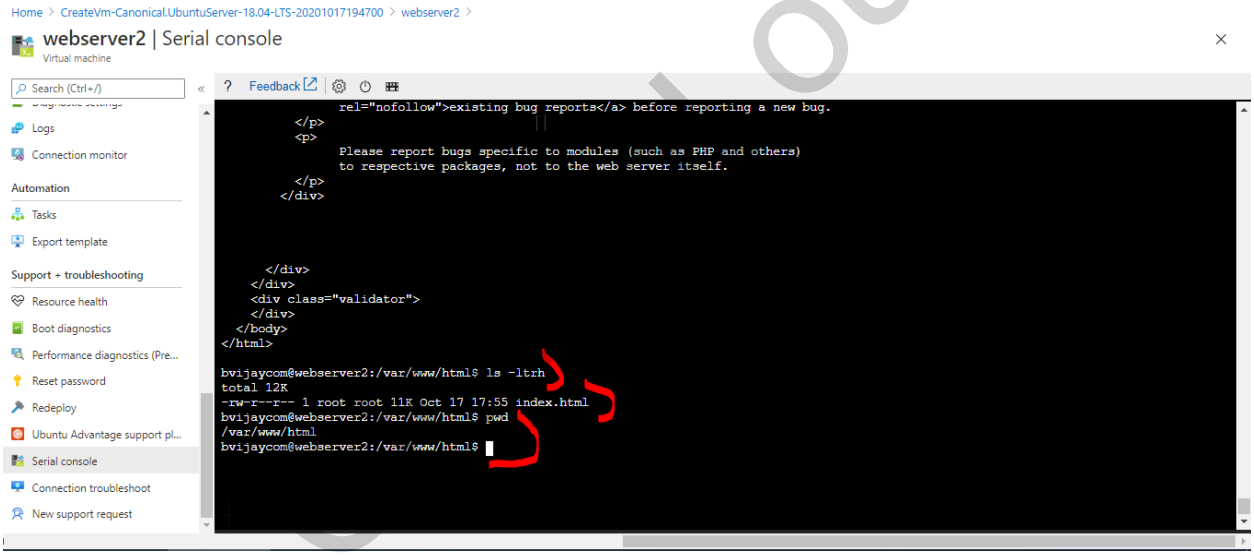
Update your local package index:

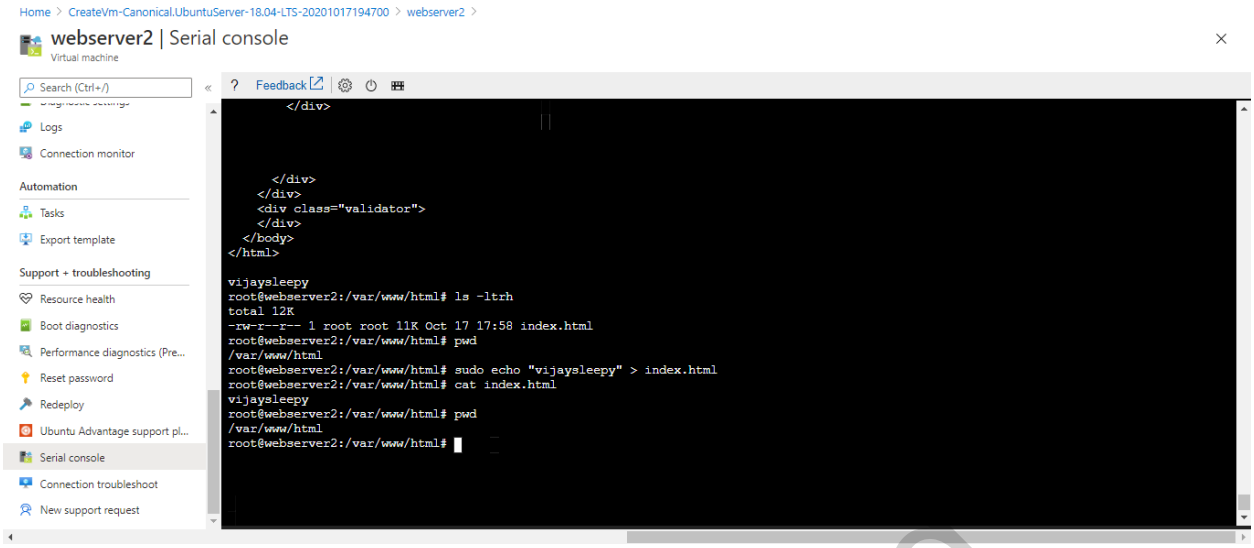
sudo apt update

Install the apache2 package:

sudo apt install apache2

in the second machine please put some different word in index.html file





vijaysleepy