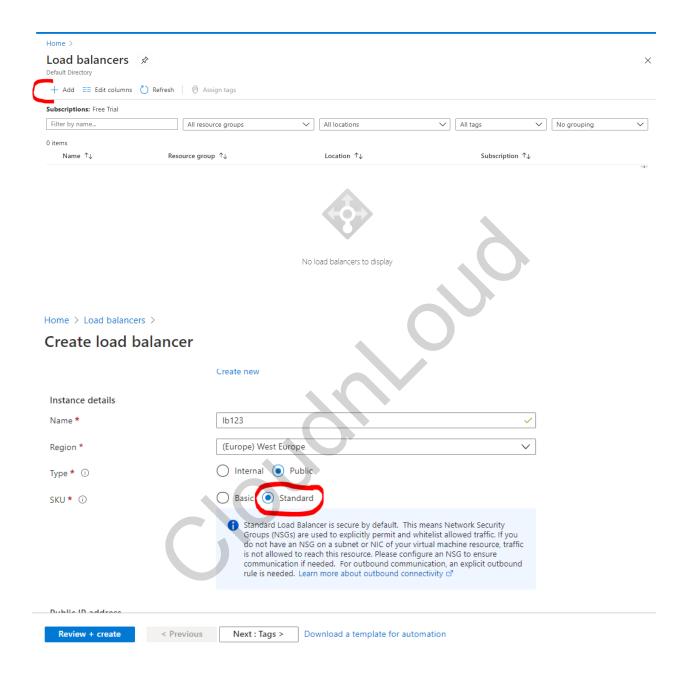
Create loadbalancer

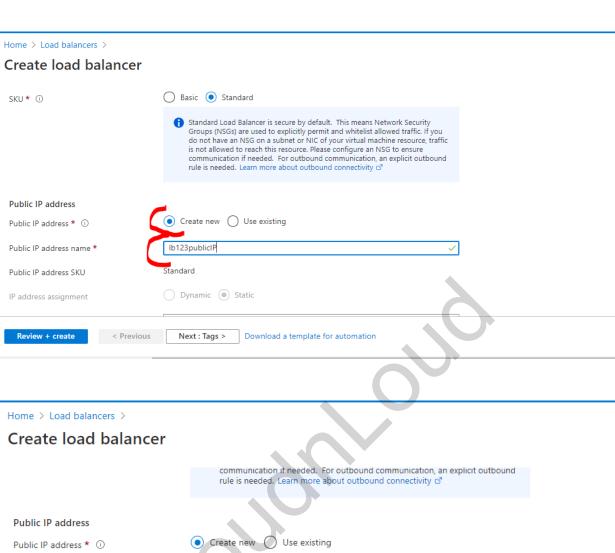


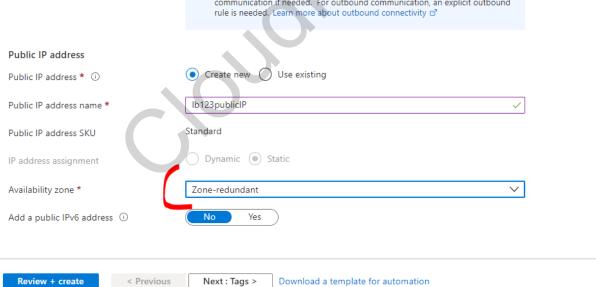












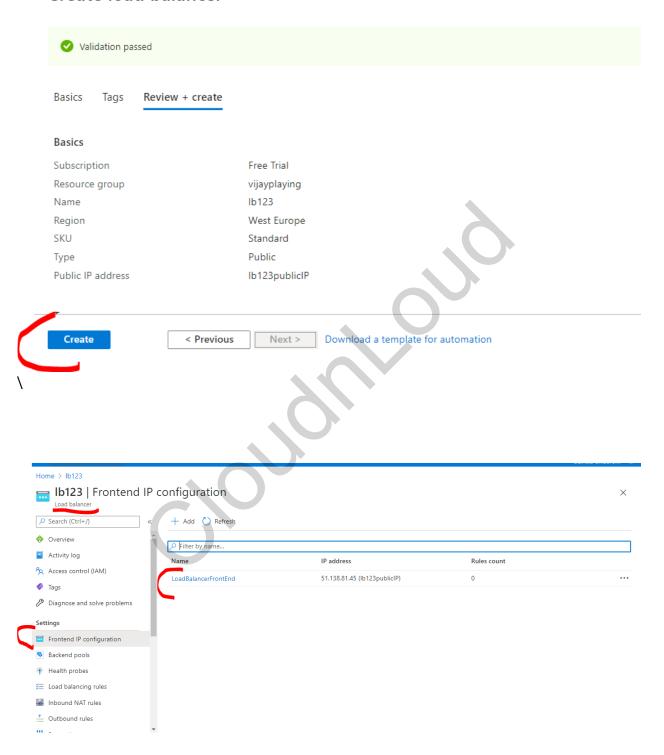








Create load balancer



Frontend has been configured.see above screenshot



Now create new virtual machine and install webserver.

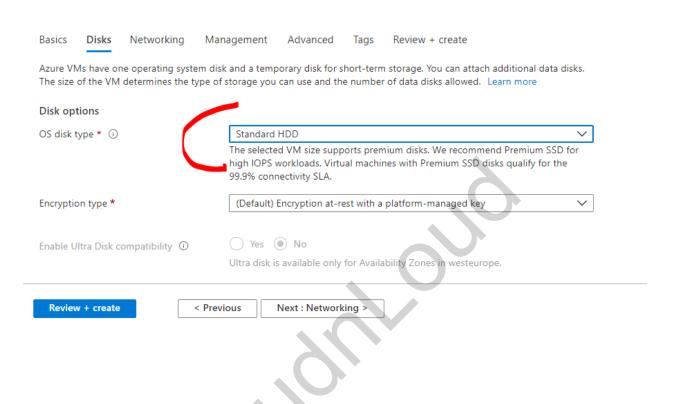
Home > Virtual machines > Create a virtual machine Instance details Virtual machine name * ① webserver1 Region * ① (Europe) West Europe Availability options (i) No infrastructure redundancy required Image * ① Ubuntu Server 18.04 LTS - Gen1 Browse all public and private images Yes No Azure Spot instance ① Size * ① Standard_B1s - 1 vcpu, 1 GiB memory (₹579.00/month) Select size Administrator account SSH public key Password Authentication type ① Review + create < Previous Next : Disks > Home > Virtual machines > Create a virtual machine Username * (i) bvijaycom Password * ① Confirm password * ① 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. None Allow selected ports Public inbound ports * ① Select inbound ports * HTTP (80), SSH (22) ⚠ This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to Review + create < Previous Next : Disks >











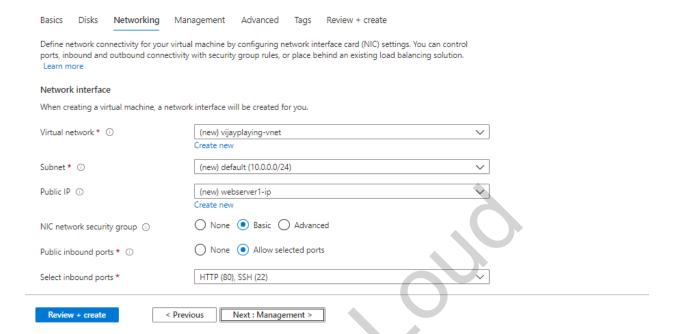


















	create rules to limit inbound traffic to known IP addresses.
Accelerated networking ①	On On The selected VM size does not support accelerated networking.
Load balancing	
You can place this virtual machine in the ba	ckend pool of an existing Azure load balancing solution. Learn more
Place this virtual machine behind an existing load balancing solution?	Yes No
persistence, and web application fire	TTPS web traffic load balancer with URL-based routing, SSL termination, session ewall. Learn more about Application Gateway CP/UDP network traffic, port-forwarding, and outbound flows. Learn more about
Load balancing options * ①	Azure load balancer
Select a load balancer * ①	V
Review + create < Previ	ous Next : Management >



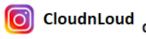




	create rules to limit inbound traffic to known IP addresses.		
Accelerated networking ①	On Off The selected VM size does not support accelerated networking.		
Load balancing			
You can place this virtual machine in the l	backend pool of an existing Azure load balancing solution. Learn more		
Place this 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 * ①	Azure load balancer		
Select a load balancer * ①	^		
	lb123		
Review + create < Pre	vicures ourse recover vilanolyvinous -		









Accelerated networking (On Off			
	The se	lected VM size does not support accelerated networking.		
Load balancing				
You can place this virtual m	nachine in the backend pool of an existing Az	zure load balancing solution. Learn more		
Place this virtual machine be existing load balancing sol	_			
Load balancing settings				
persistence, and we	b application firewall. Learn more about Appers supports all TCP/UDP network traffic, port	er with URL-based routing, SSL termination, session plication Gateway -forwarding, and outbound flows. Learn more about		
Load balancing options *	Azure load balancer	~		
Select a load balancer * () lb123	V		
Select a backend pool * (No existing backend pool Create new	to use. Please create a new one.		
Review + create	< Previous Next : Managen	nent >		
Home >		Create new backend pool $\qquad \qquad \times$		
Create a virtual machine Accelerated networking ①	On Off The selected VM size does not support accelerated n	Name * [b123] • P version IPv4 is required for Standard load balancer.		
Load balancing		P version inva is required for standard load datancer.		
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				
persistence, and web application firewal	S web traffic load balancer with URL-based routing, SSL termination, se I. Learn more about Application Gateway JDP network traffic, port-forwarding, and outbound flows. Learn more			
Load balancing options * ①	Azure load balancer			
Select a load balancer * ①	ad balancer* ① Ib123 ✓			
Select a backend pool * ①				
Review + create < Previous	Next : Management >	Create		







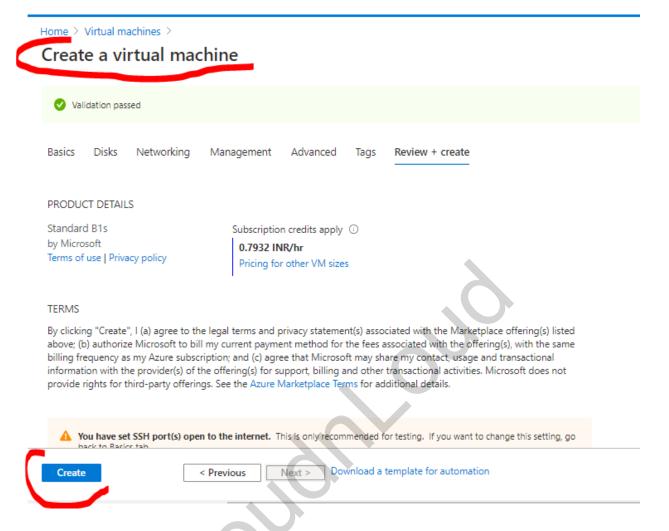


Basics	Disks	Networking	Management	Advanced	Tags	Review + create	
Configure monitoring and management options for your VM.							
Azure Security Center							
Azure Security Center provides unified security management and advanced threat protection across hybrid cloud workloads. Learn more							
Your subscription is protected by Azure Security Center basic plan.							
Monitoring							
Boot dia	gnostics (D	○ Enable	with managed	storage a	account (recommended)	
			Enable	with custom st	torage acc	count	
			O Disable	2			
OS guest	: diagnosti	cs ①	On (Off			
Diagnost	ics storag	e account * ①	(new) vijay	yplayingdiag			~
			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



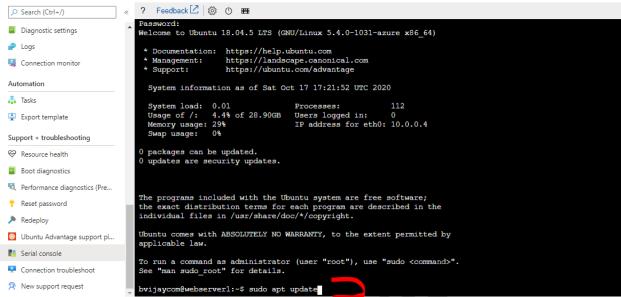








webserver1 | Serial console



Home > webserver1 >

webserver1 | Serial console Virtual machine

```
? Feedback 🔼 🔯 🕛 🖽
 Search (Ctrl+/)
  Diagnostic settings
                                                                                               Get:2 http://azure.archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]
Get:2 http://azure.archive.ubuntu.com/ubuntu bionic-updates InRelease [74.6 kB]
Get:3 http://azure.archive.ubuntu.com/ubuntu bionic-backports InRelease [74.6 kB]
Get:4 http://security.ubuntu.com/ubuntu bionic-security InRelease [88.7 kB]
Get:5 http://azure.archive.ubuntu.com/ubuntu bionic/universe amd64 Packages [8570]
 Logs
 Connection monitor
                                                                                                set:6 http://azure.archive.ubuntu.com/ubuntu bionic/universe Translation-en [494] kB]
Get:7 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages [1387 kB]
Set:8 http://azure.archive.ubuntu.com/ubuntu bionic/multiverse amd64 Packages [151 kB]
Set:9 http://azure.archive.ubuntu.com/ubuntu bionic/multiverse Translation-en [108 kB]
Get:10 http://azure.archive.ubuntu.com/ubuntu bionic-undates/main amd64 Packages
 Automation
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Set:11 http://azure.archive.ubuntu.com/ubuntu bionic-updates/restricted amd64 Packages [178 kB]
Set:12 http://azure.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 Packages [178 kB]
Set:13 http://azure.archive.ubuntu.com/ubuntu bionic-updates/universe Translation-en [353 kB]
 Export template
 Support + troubleshooting
  Resource health
                                                                                                                    http://azure.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64 Packages [31.6 kB]
                                                                                                 Set:15 http://azure.archive.ubuntu.com/ubuntu bionic-updates/multiverse Translation-en [6952 B]
Set:16 http://azure.archive.ubuntu.com/ubuntu bionic-backports/main amd64 Packages [10.0 kB]
Set:17 http://azure.archive.ubuntu.com/ubuntu bionic-backports/main Translation-en [4764 B]
  Boot diagnostics
                                                                                               Get:18 http://security.ubuntu.com/ubuntu bionic-backports/main Translation-en [4764 B]
Get:18 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Packages [1075 kB]
Get:19 http://security.ubuntu.com/ubuntu bionic-security/universe Translation-en [240 kB]
Get:20 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 Packages [12.6 kB]
Get:21 http://security.ubuntu.com/ubuntu bionic-security/multiverse Translation-en [2936 B]
Get:22 http://azure.archive.ubuntu.com/ubuntu bionic-backports/universe amd64 Packages [10.3 kB]
Get:23 http://azure.archive.ubuntu.com/ubuntu bionic-backports/universe Translation-en [4588 B]
Fetched 20.7 MB in 5s (4386 kB/s)
Reading package lists Done
  Performance diagnostics (Pre...
  P Reset password
  Redeploy

    Ubuntu Advantage support pl...

                                                                                               Fetched 20.7 MB in 35 (4346 kB/5)
Reading package lists... Done
Building dependency tree
Reading state information... Done
17 packages can be upgraded. Run 'apt list --upgradable' to see them.
bvijaycom@webserver1:~$ sudo apt install apache2
Serial console
  Connection troubleshoot
  New support request
```

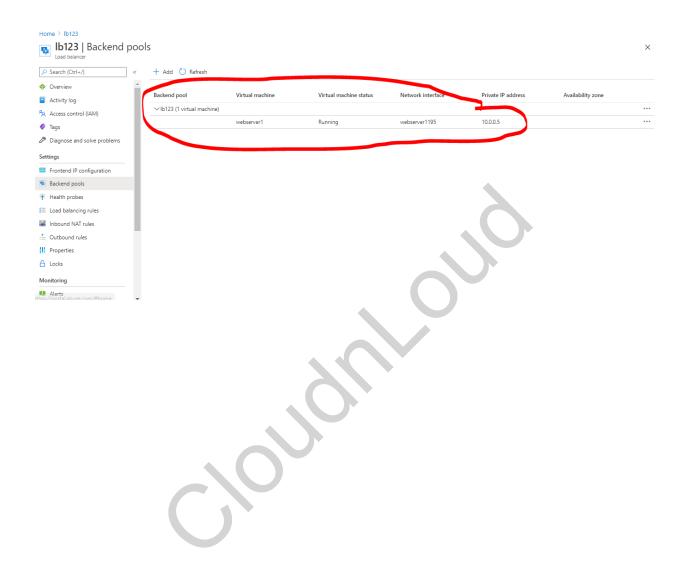








Now goto loadbalancer











Home > lb123 >

Add health probe

Name *	
lb123	~
Protocol ①	
TCP	~
Port * ①	
80	
Interval * ①	
5	
	seconds
Unhealthy threshold * ①	
2	
	consecutive failures
	· · · · · · · · · · · · · · · · · · ·

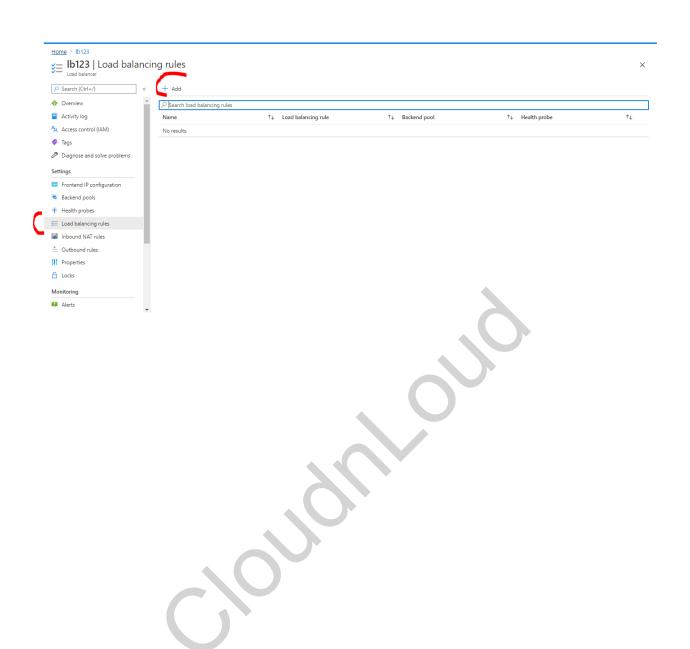
Create load balancing rules →











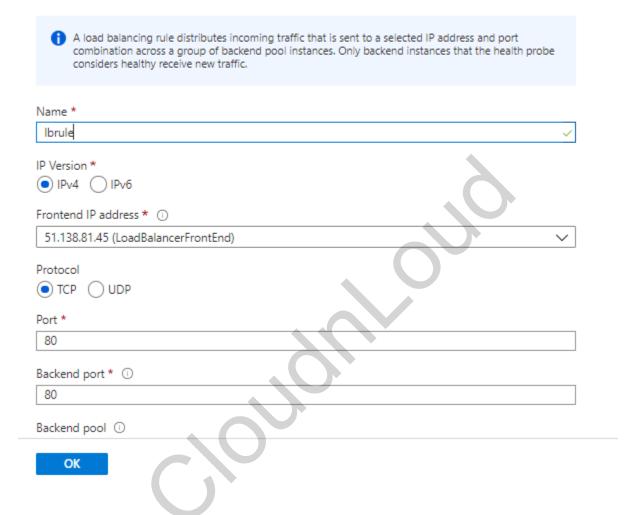








Add load balancing rule











Home > lb123 > Add load balancing rule ■ ICF \(\cup \) \(\text{ODF} \) Port * 80 Backend port * ① Backend pool ① lb123 (1 virtual machine) Health probe ① Ib123 (TCP:80) Session persistence ① None Idle timeout (minutes) ① TCP reset Disabled Enabled Floating IP ①

Disabled Enabled

OK

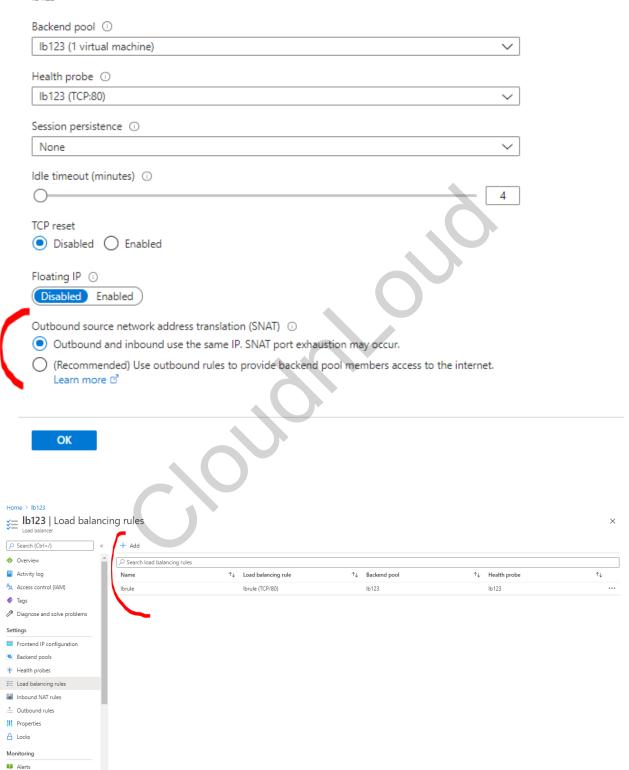






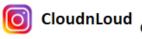
Home > lb123 >

Add load balancing rule

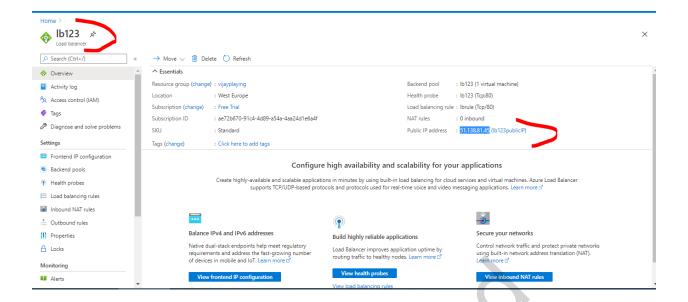






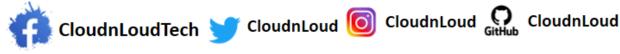






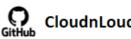
See website is working if you access loadbalancer ip



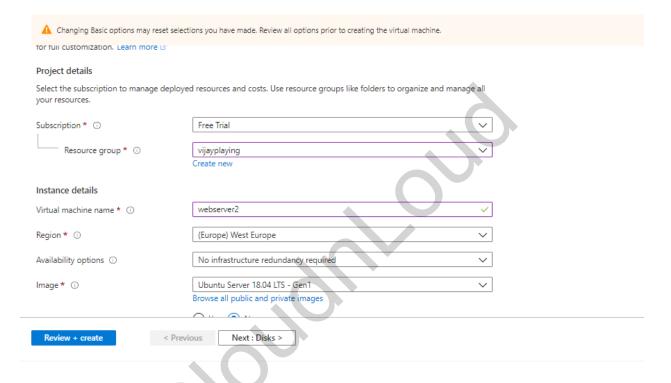


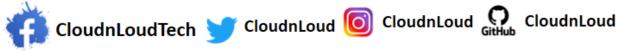






Home > Virtual machines >

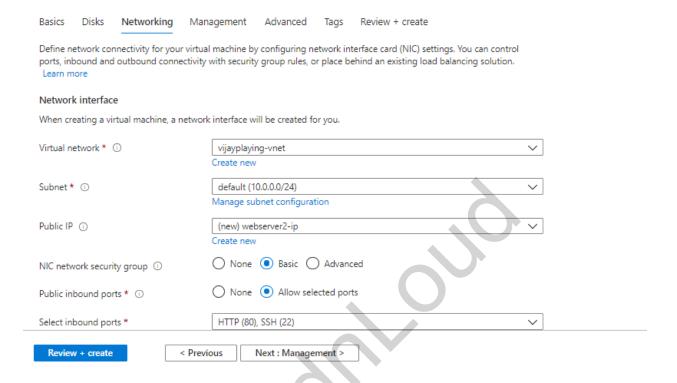










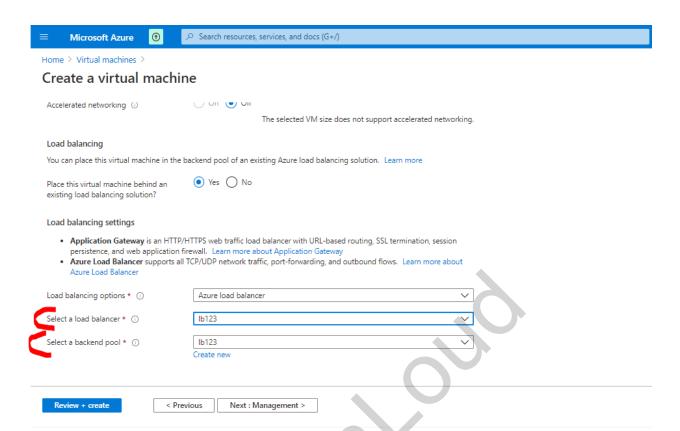










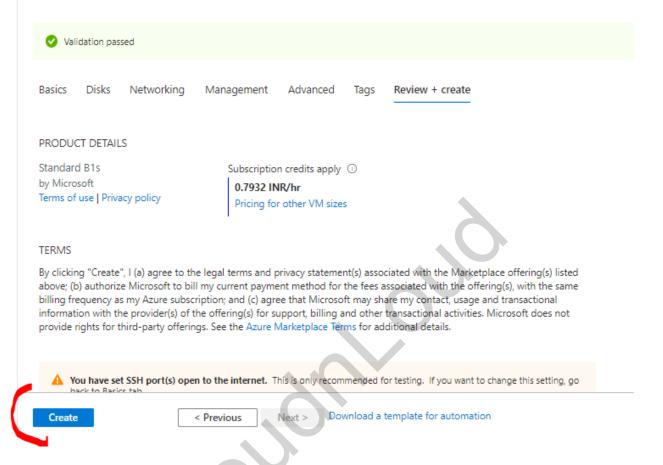












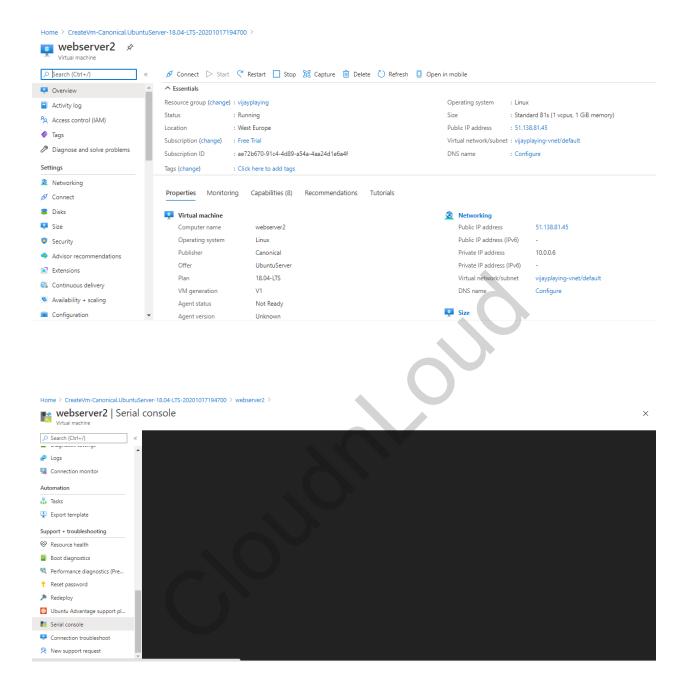
Goto webserver2 machine











Now login to the Virtual Machine and install apache webserver

Update your local package index:

sudo apt update



sudo apt install apache2

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

