Azure 103 Module 5

Hands On - 2

Azure Certification Training

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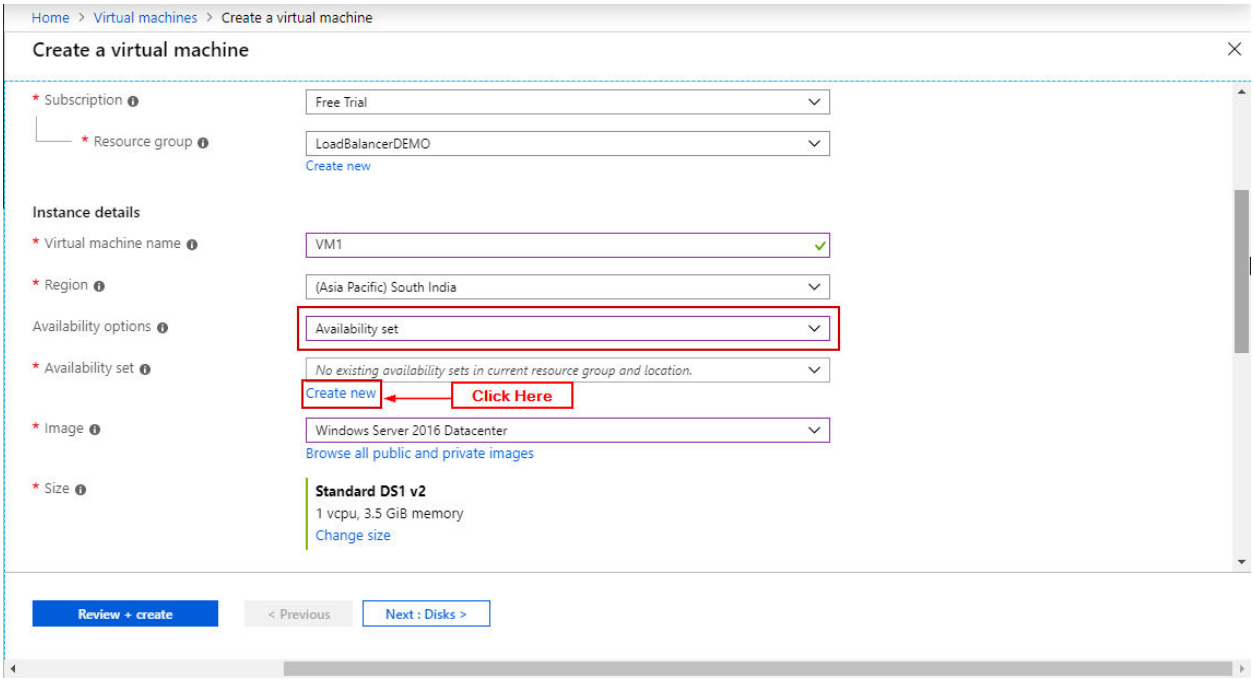
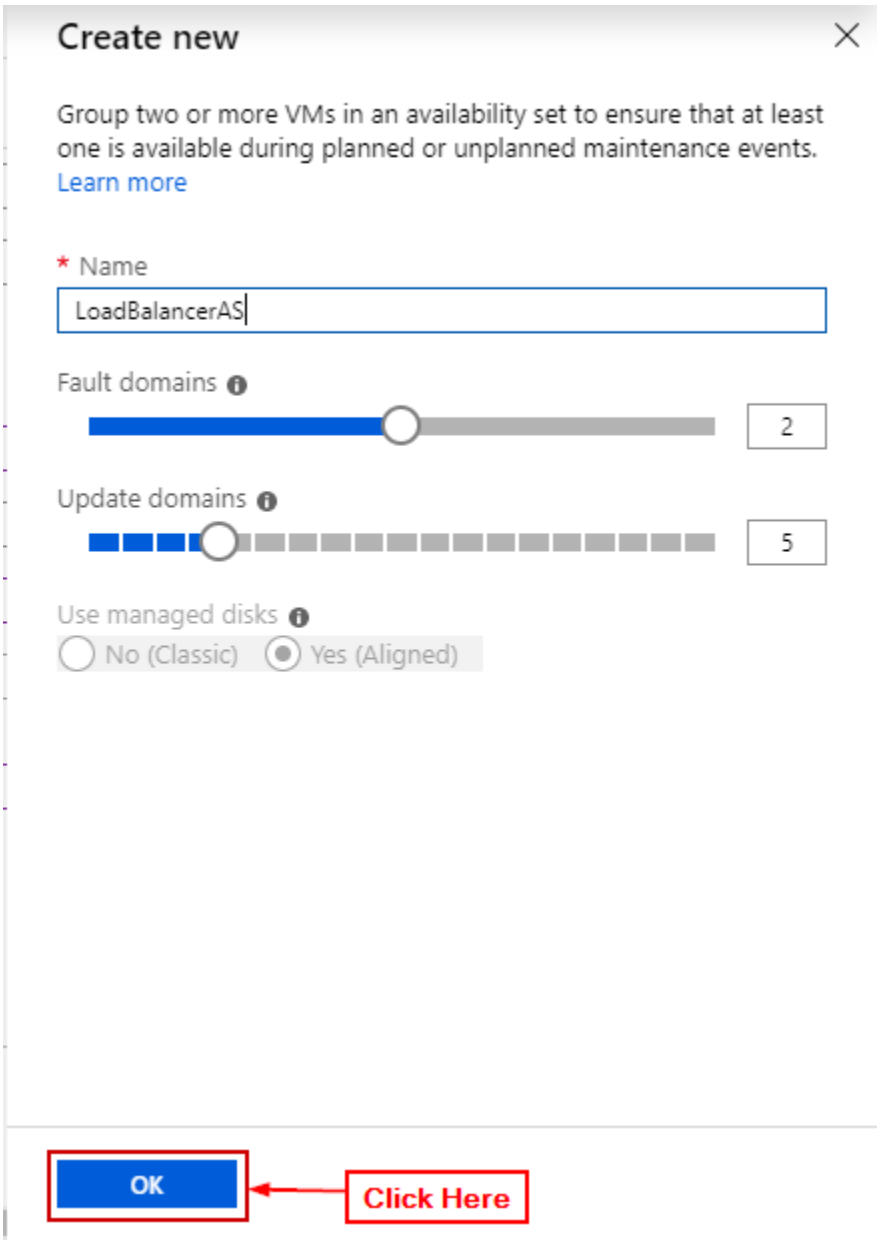
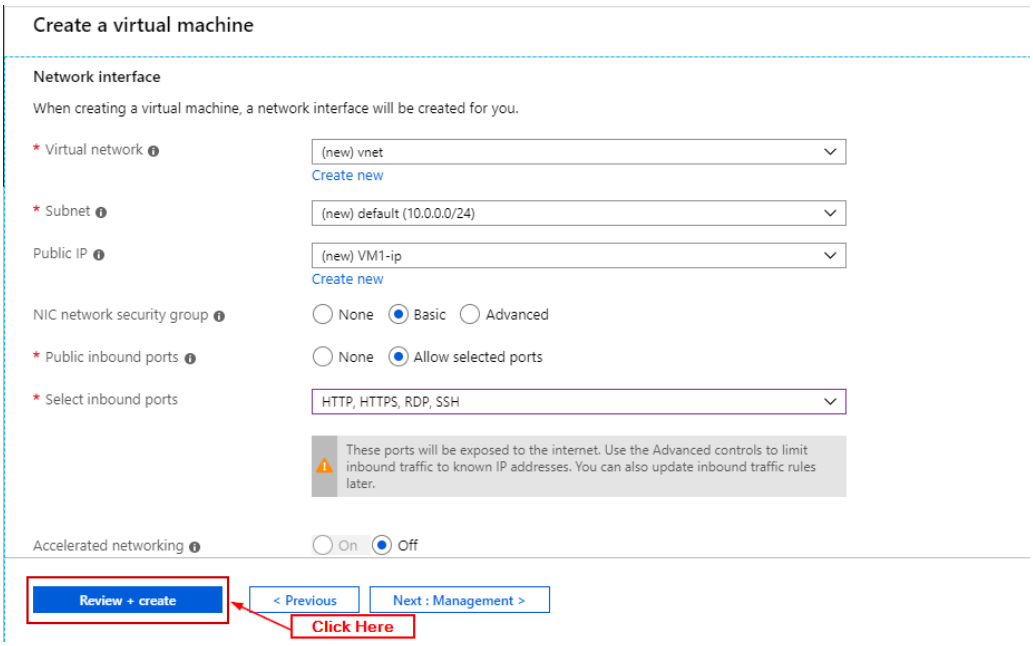
Azure 103 Module 5 Hands On – 2

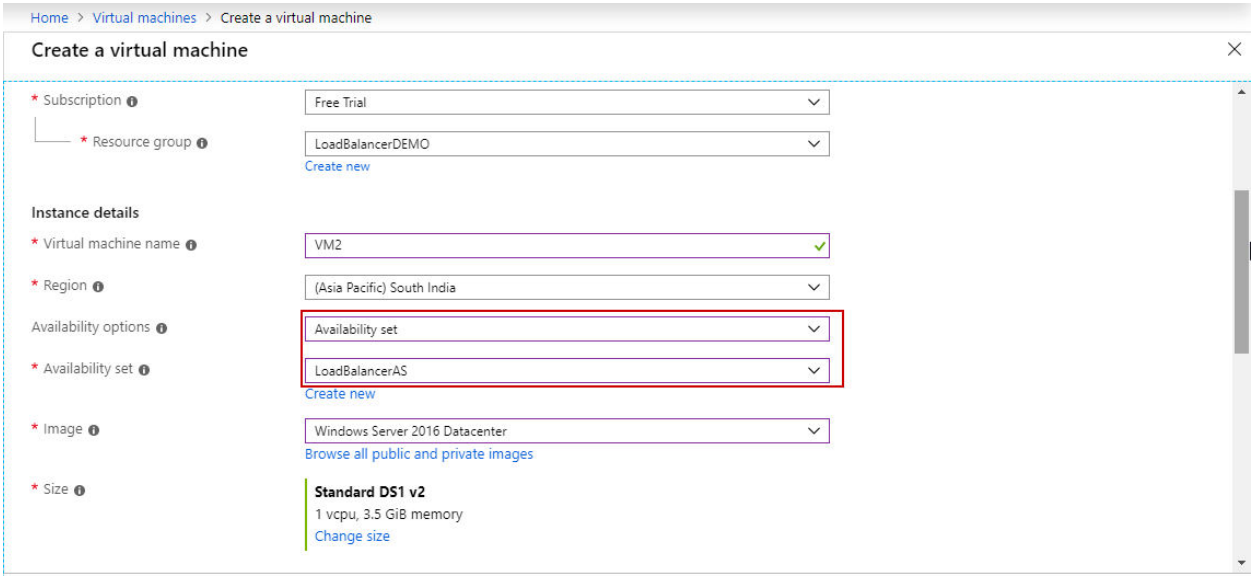
Create Public Load Balancer

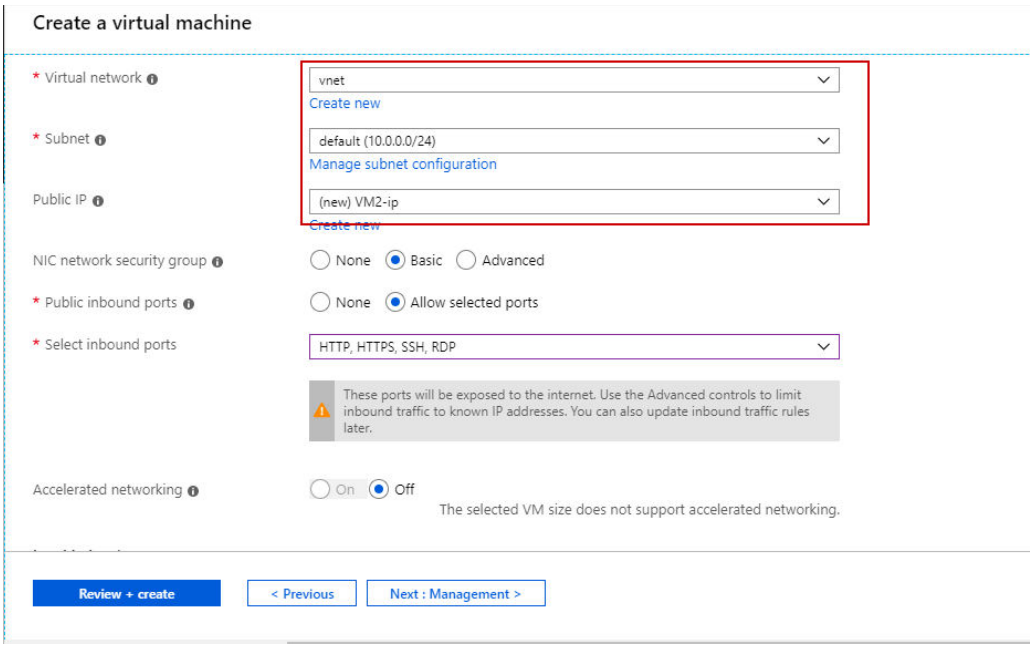
Step 1: Create two virtual machines within a single availability set and same virtual network.



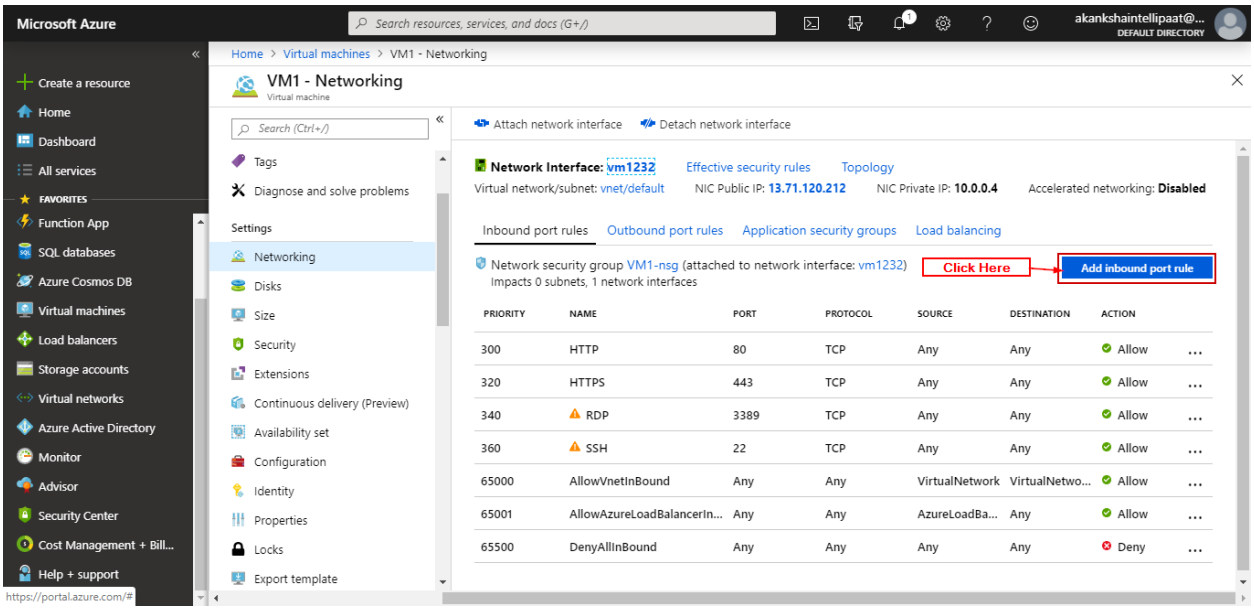

Create new
Group two or more VMs in an availability set to ensure that at least one is available during planned or unplanned maintenance events.
Learn more
* Name
LoadBalancerAS
Fault domains
2
Update domains
5
Use managed disks
No (Classic)
Yes (Aligned)
OK
Click Here

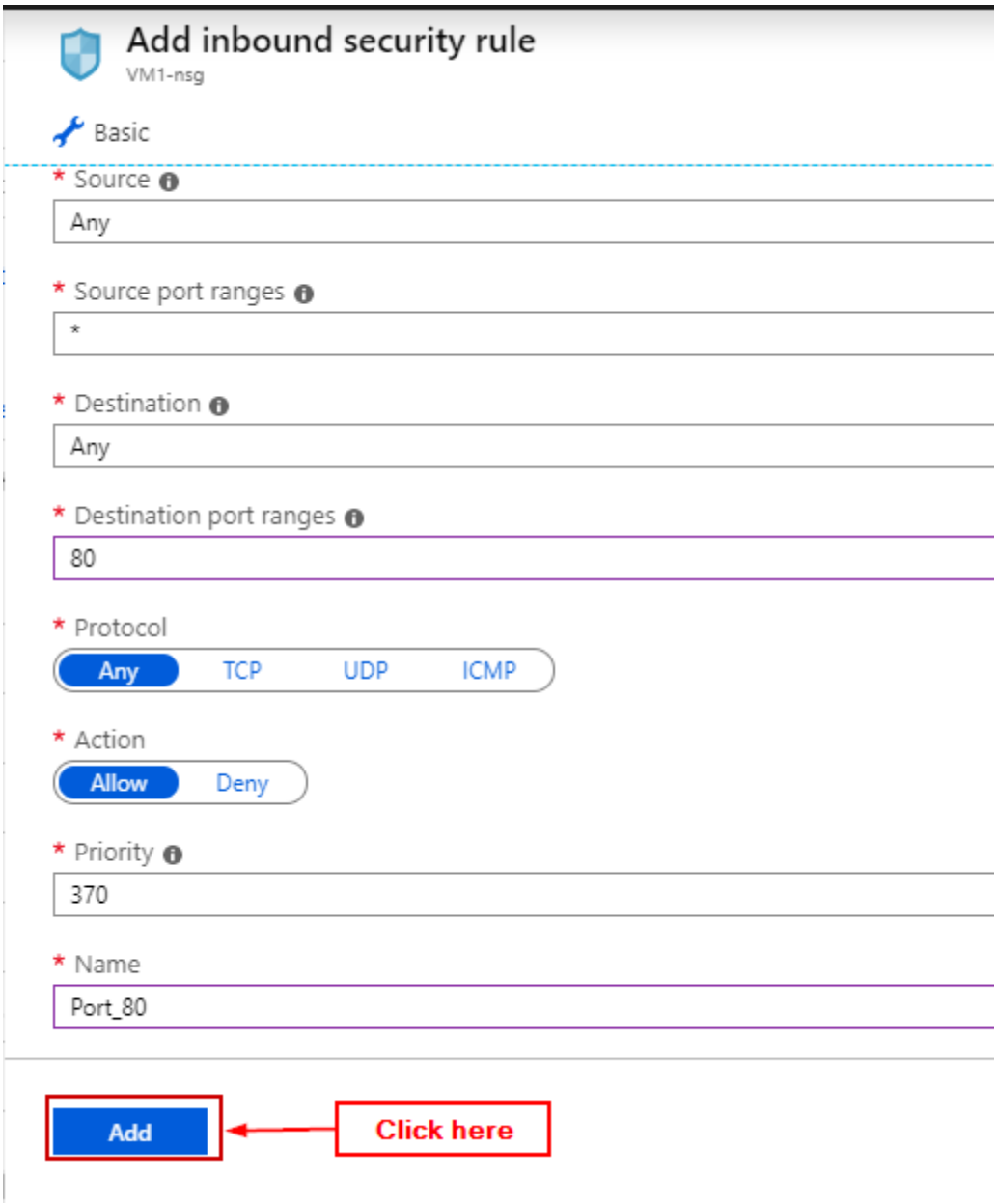

Create a virtual machine
Network interface
When creating a virtual machine, a network interface will be created for you.
* Virtual network
(new) vnet
Create new
* Subnet
(new) default (10.0.0.0/24)
Public IP
(new) VM1-ip
Create new
NIC network security group
None
Basic
Advanced
* Public inbound ports
None
Allow selected ports
* Select inbound ports
HTTP, HTTPS, RDP, SSH
These ports will be exposed to the internet. Use the Advanced controls to limit inbound traffic to known IP addresses. You can also update inbound traffic rules later.
Accelerated networking
On
Off
Review + create
< Previous
Next : Management >
Click Here


Home > Virtual machines > Create a virtual machine
Create a virtual machine
* Subscription
Free Trial
* Resource group
LoadBalancerDEMO
Create new
Instance details
* Virtual machine name
VM2
* Region
(Asia Pacific) South India
Availability options
Availability set
* Availability set
LoadBalancerAS
Create new
* Image
Windows Server 2016 Datacenter
Browse all public and private images
* Size
Standard DS1 v2
1 vcpu, 3.5 GiB memory
Change size

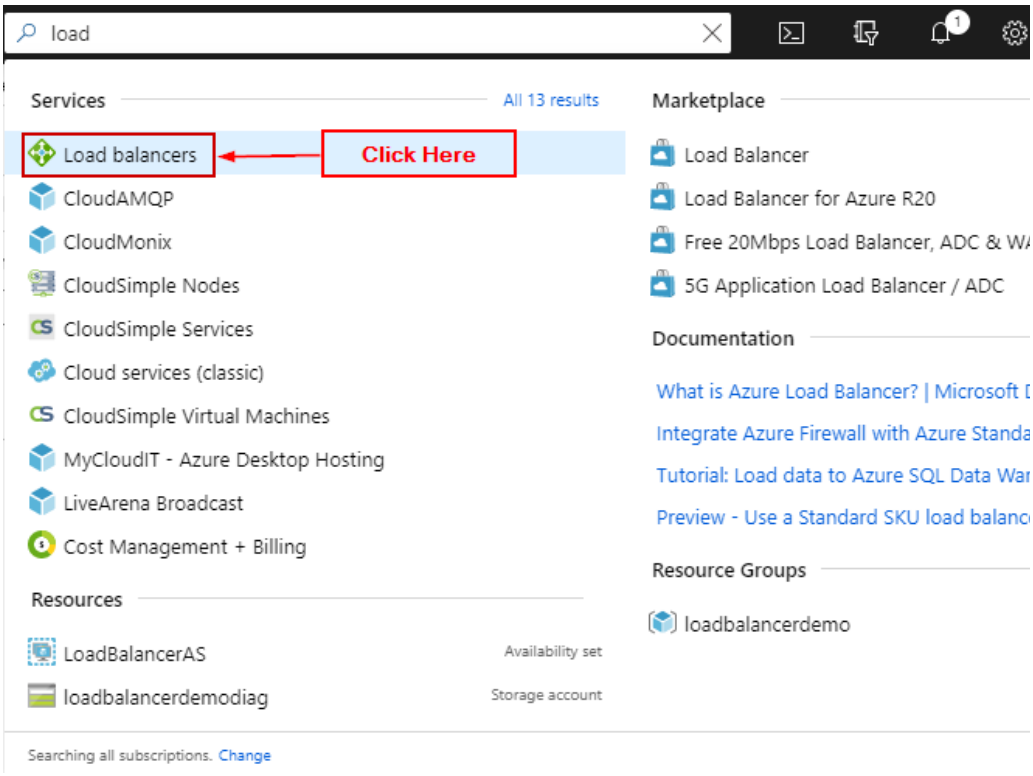


Step 2: In both virtual machines in Networking add an inbound security port rule for port 80.

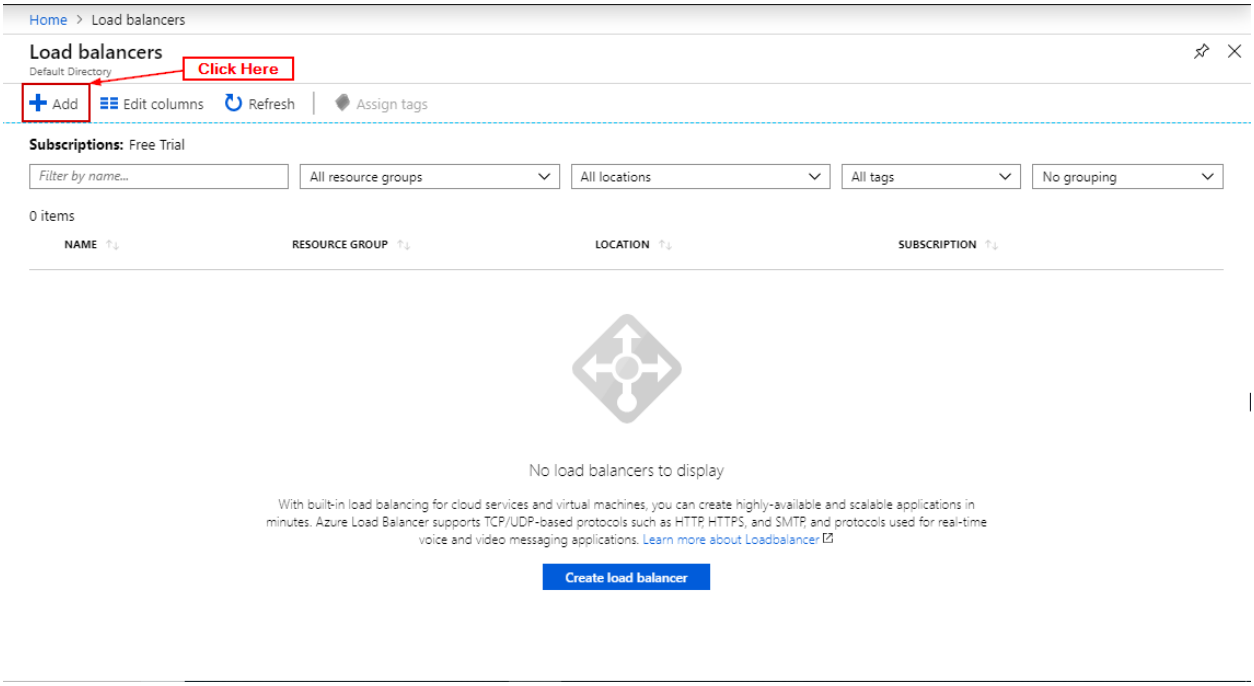




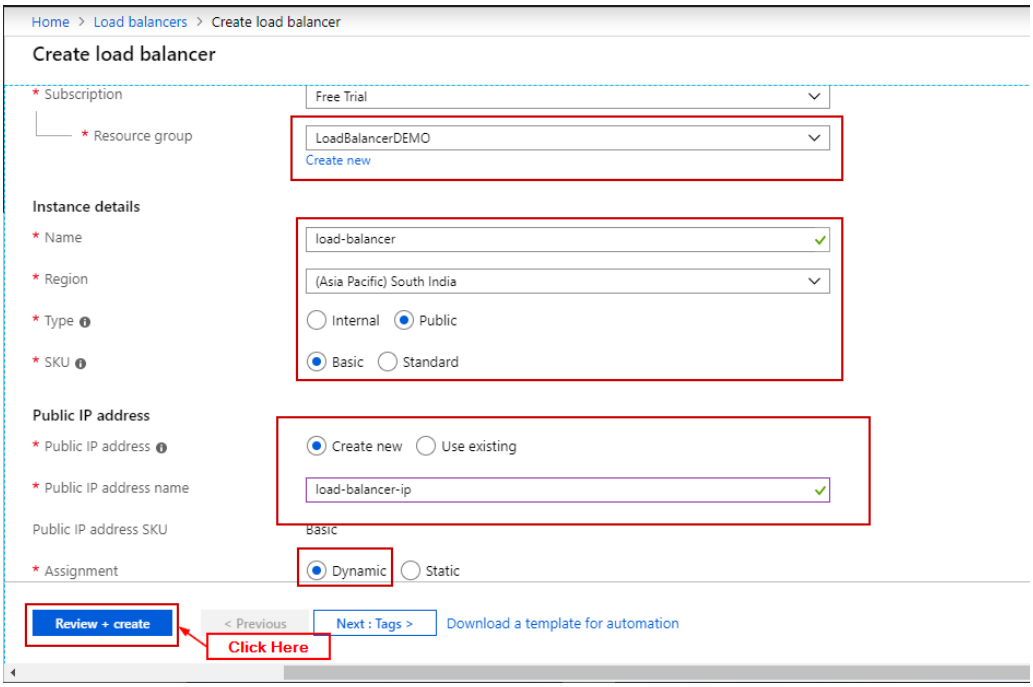
Step 3: Search load balancer and click on it.



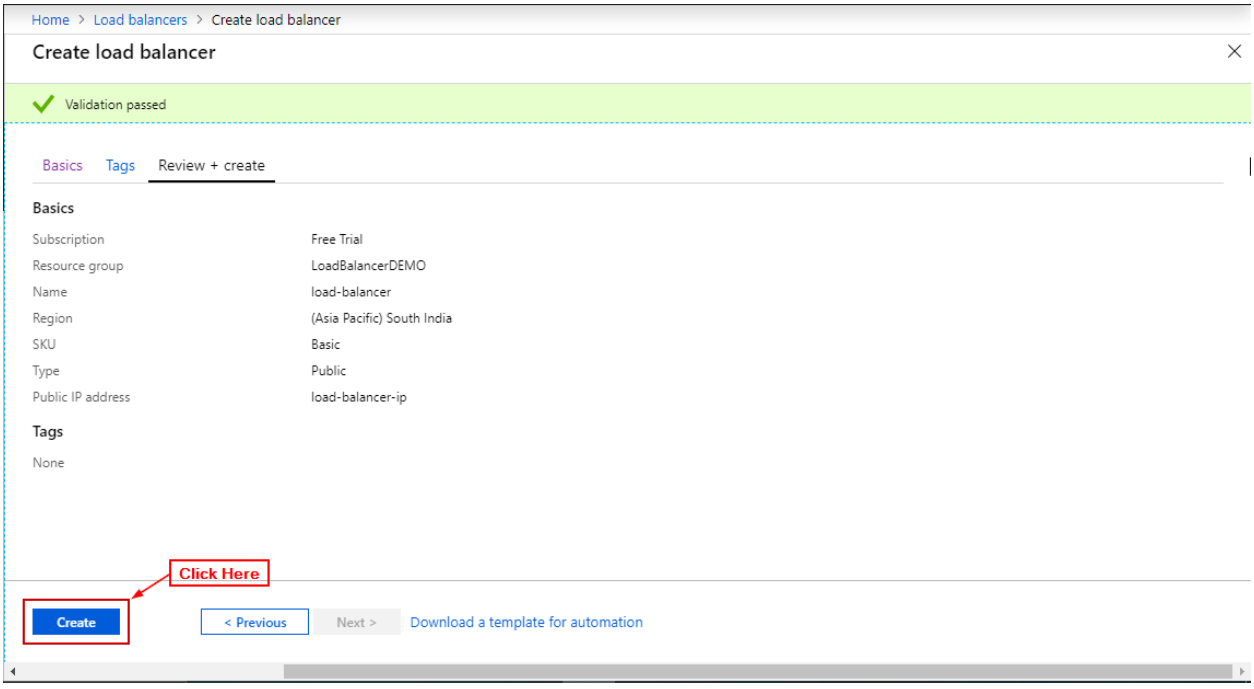
Step 4: Click on '+ Add'.



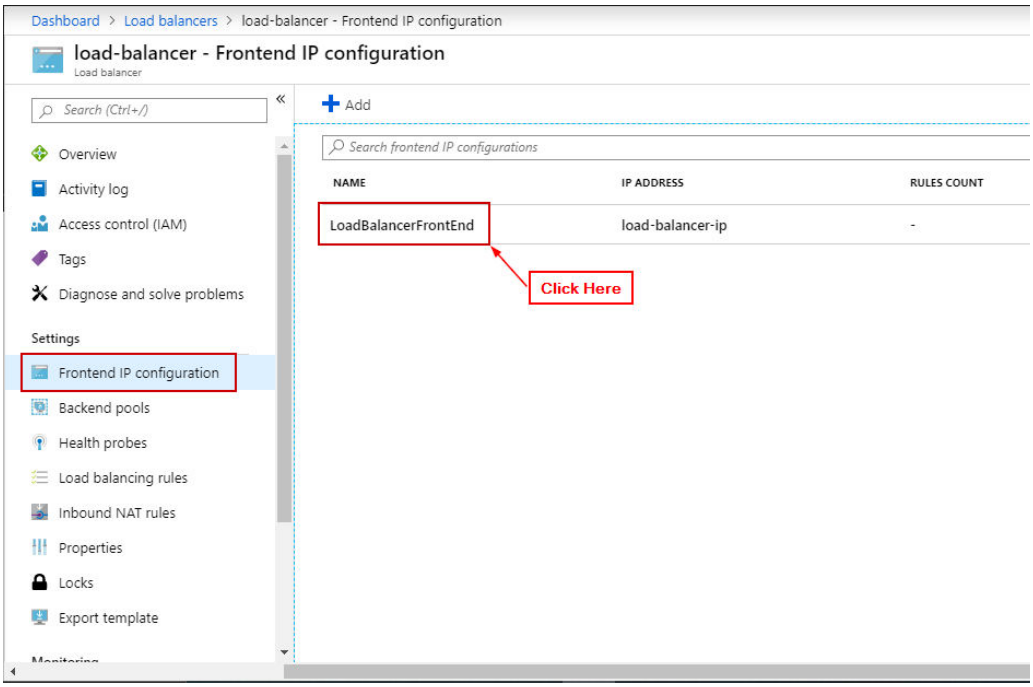
Step 5: Add details and click 'Review + Create'.



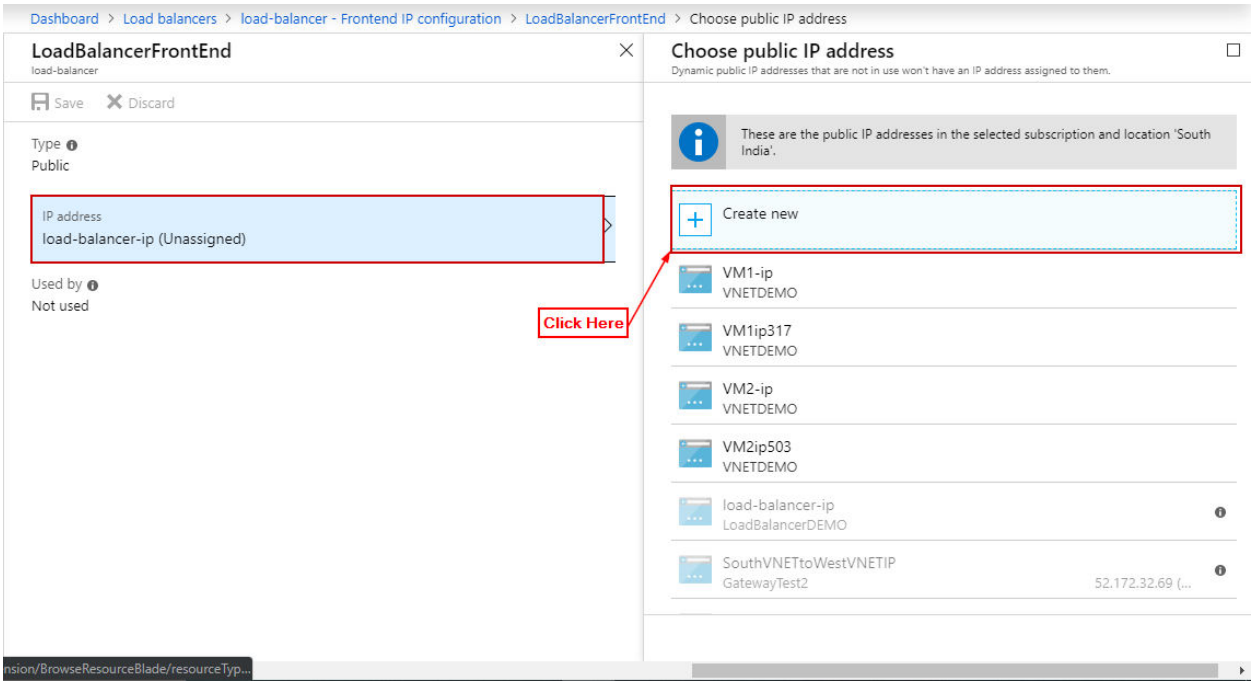
Step 6: Click on 'Create'.



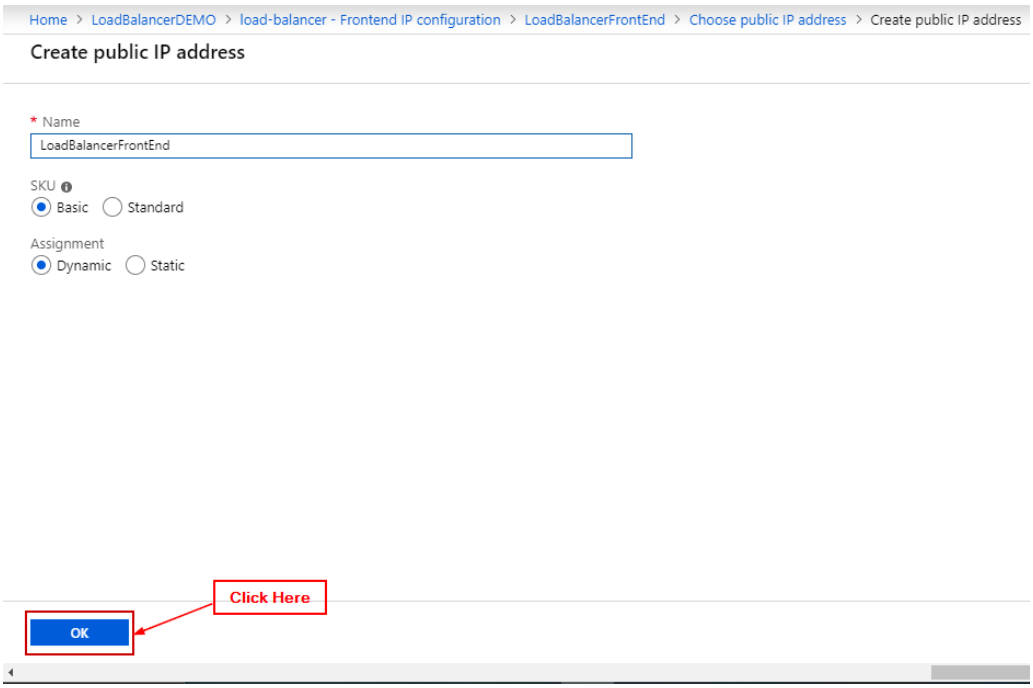
Step 7 Open Load Balancer and click on FrontEndIP and click on the IP.



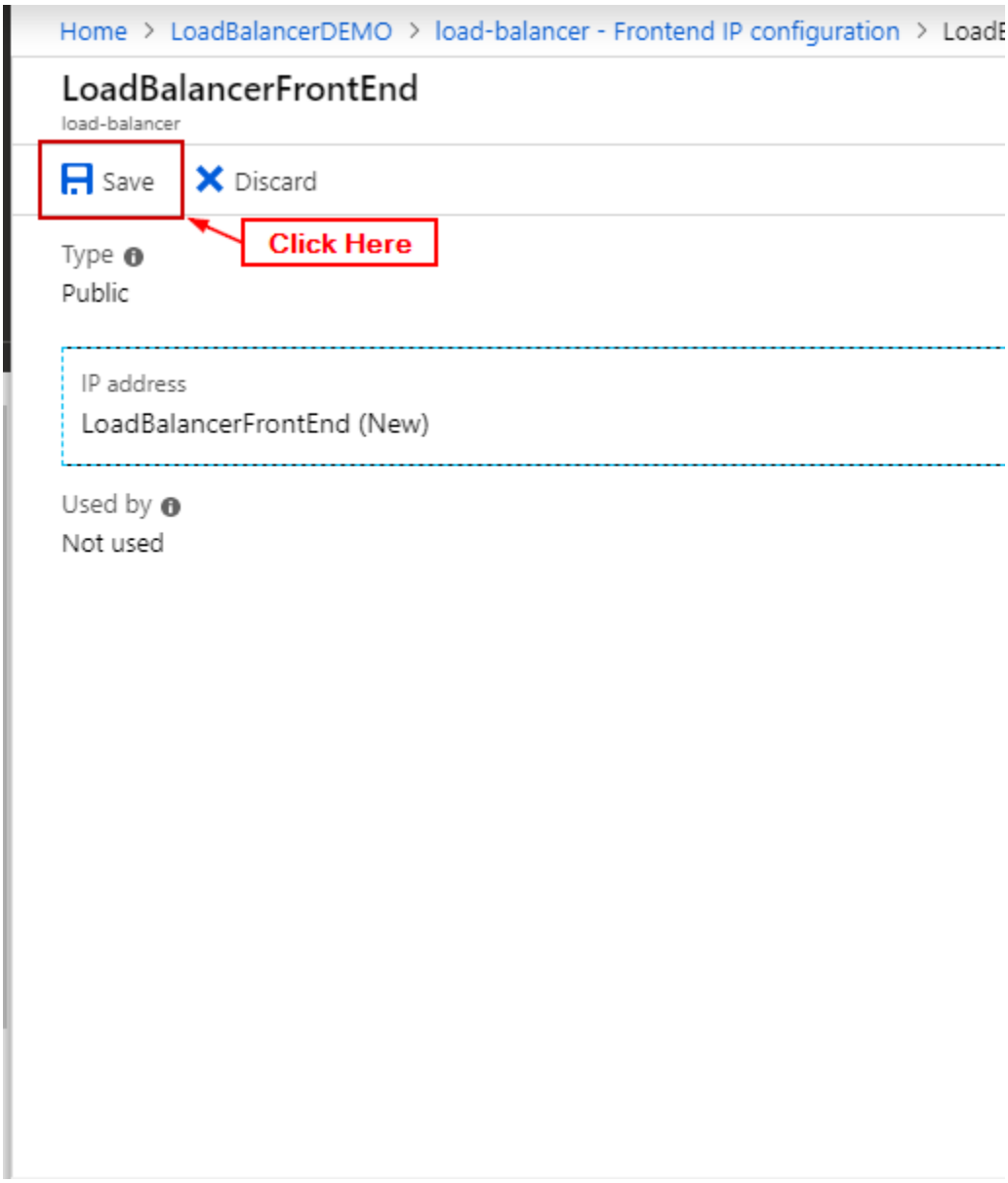
Step 8: Click on '+ Create New'.



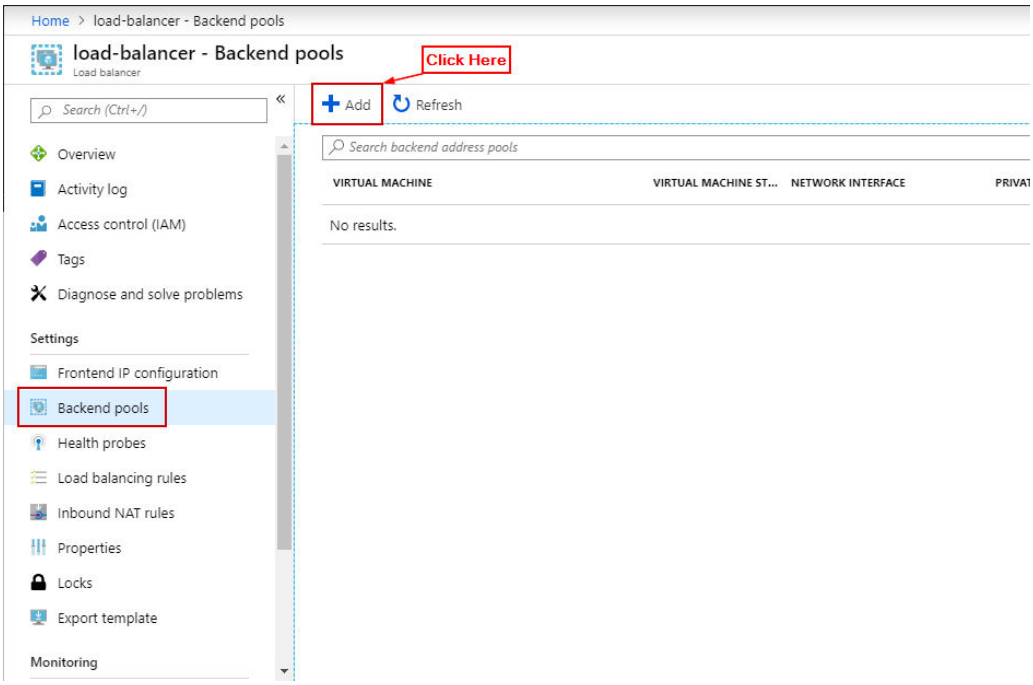
Step 9: Enter details click on OK.



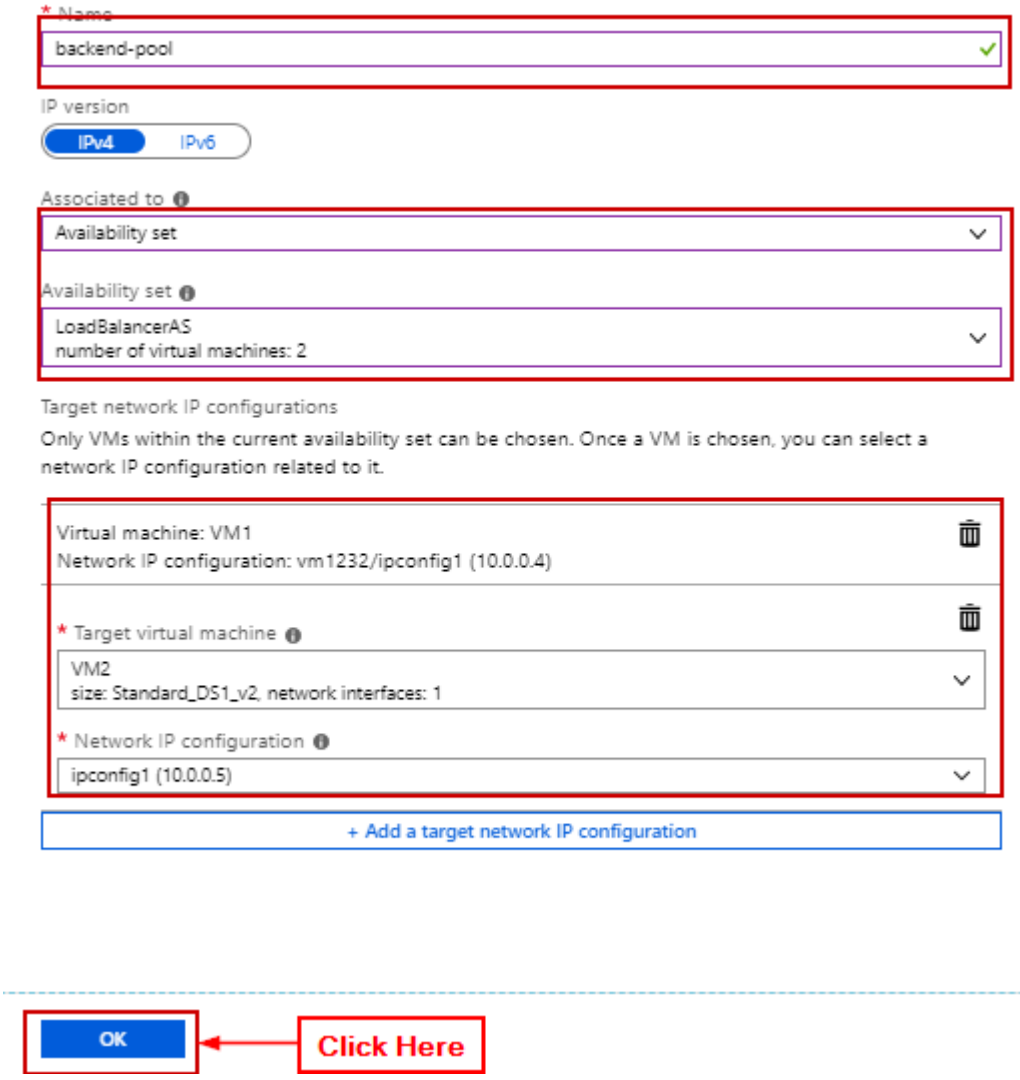
Step 10: Click on Save



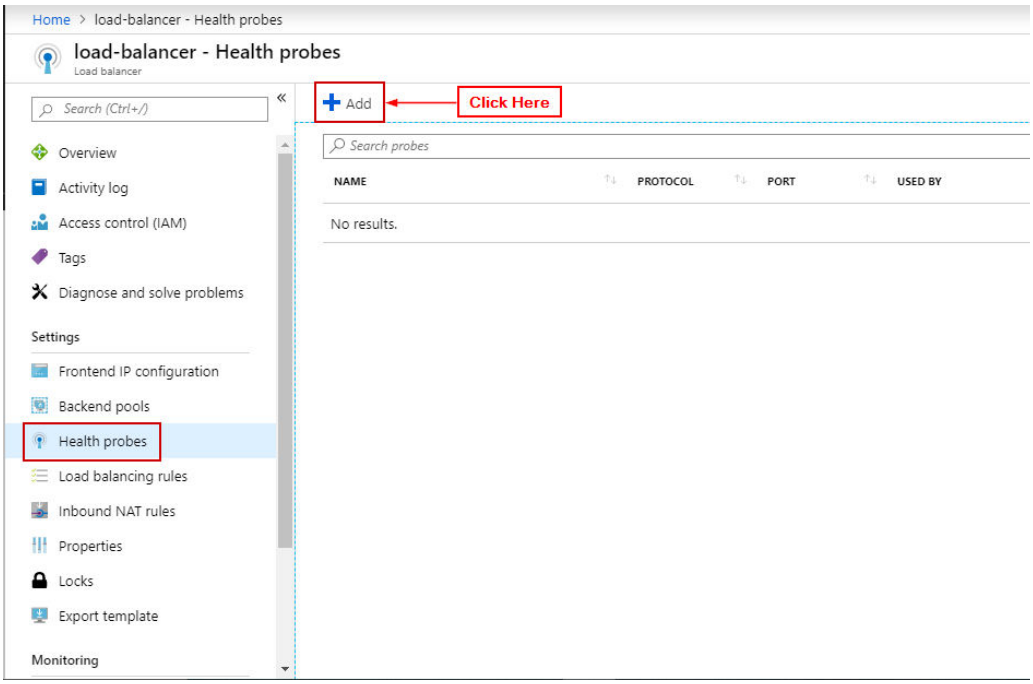
Step 11: In load balancer click on backend pools and click on '+ Add'.



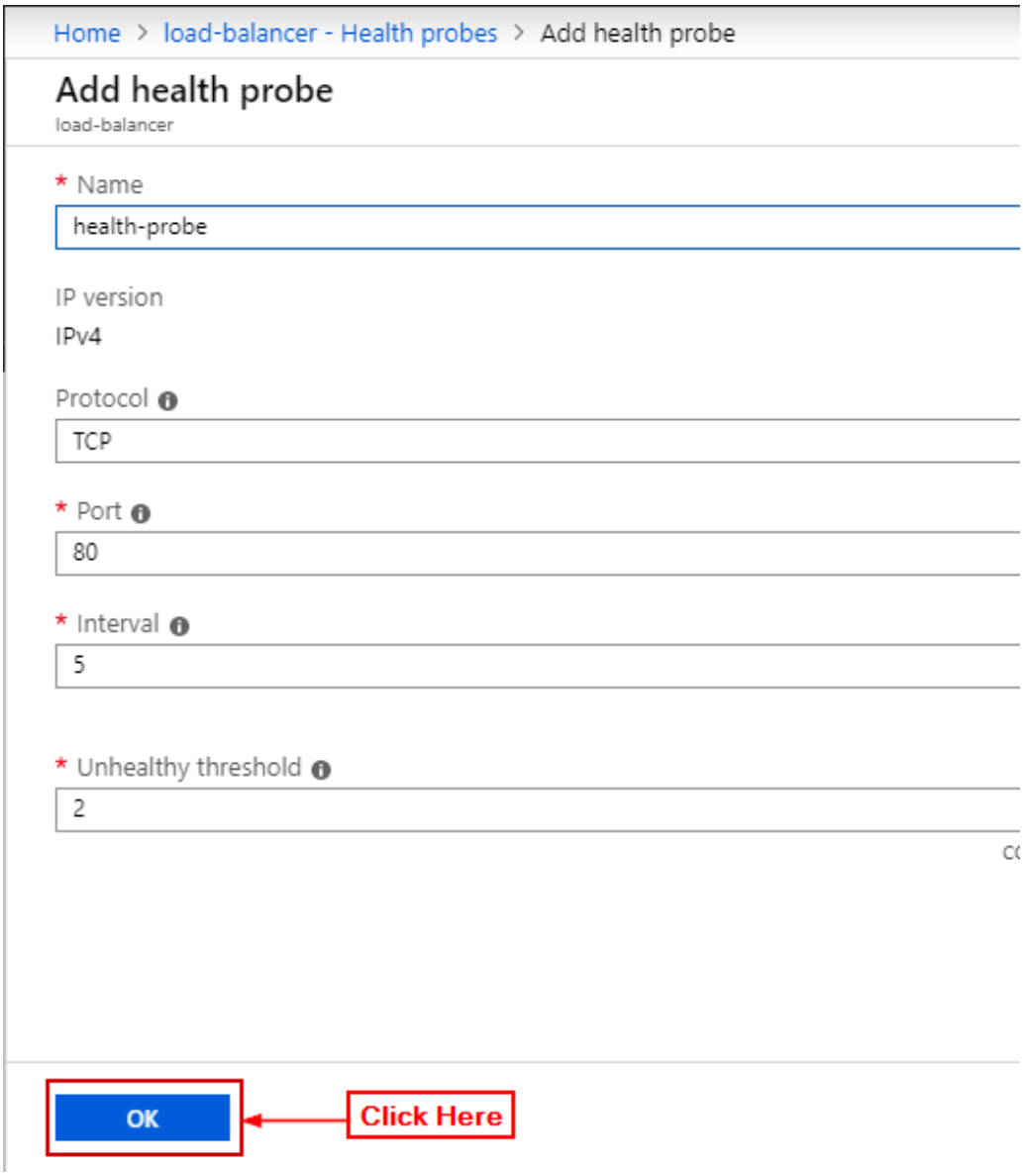
Step 12: Enter the details (Availability Set, in target IP Configuration add both VM's and their IP) and click on OK.



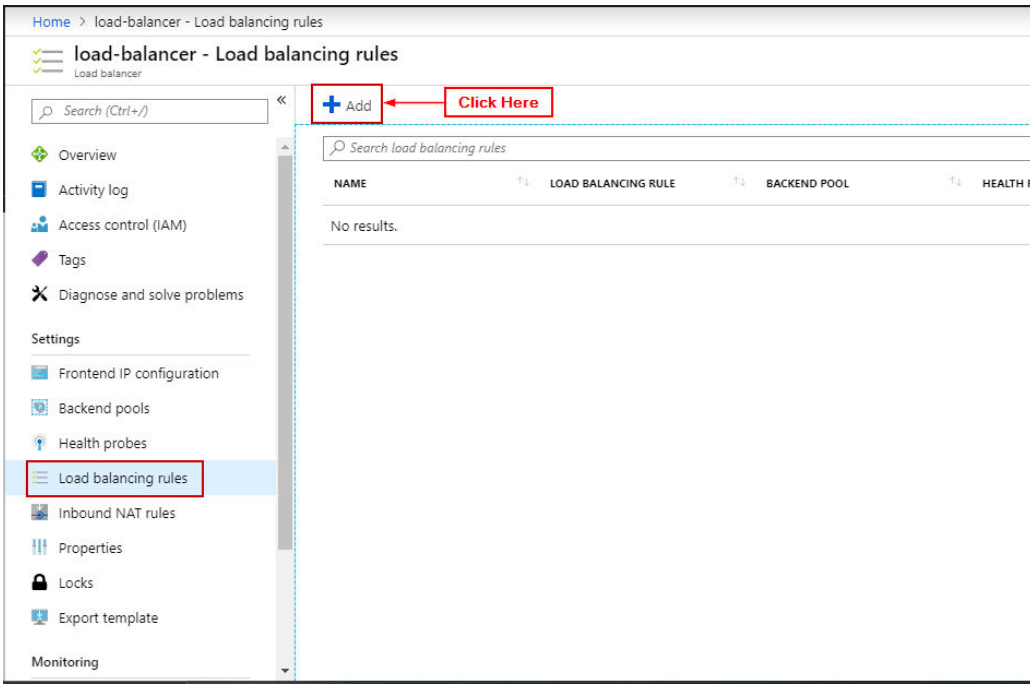
Step 13: In load balancer click on health probes and click on '+ Add'.



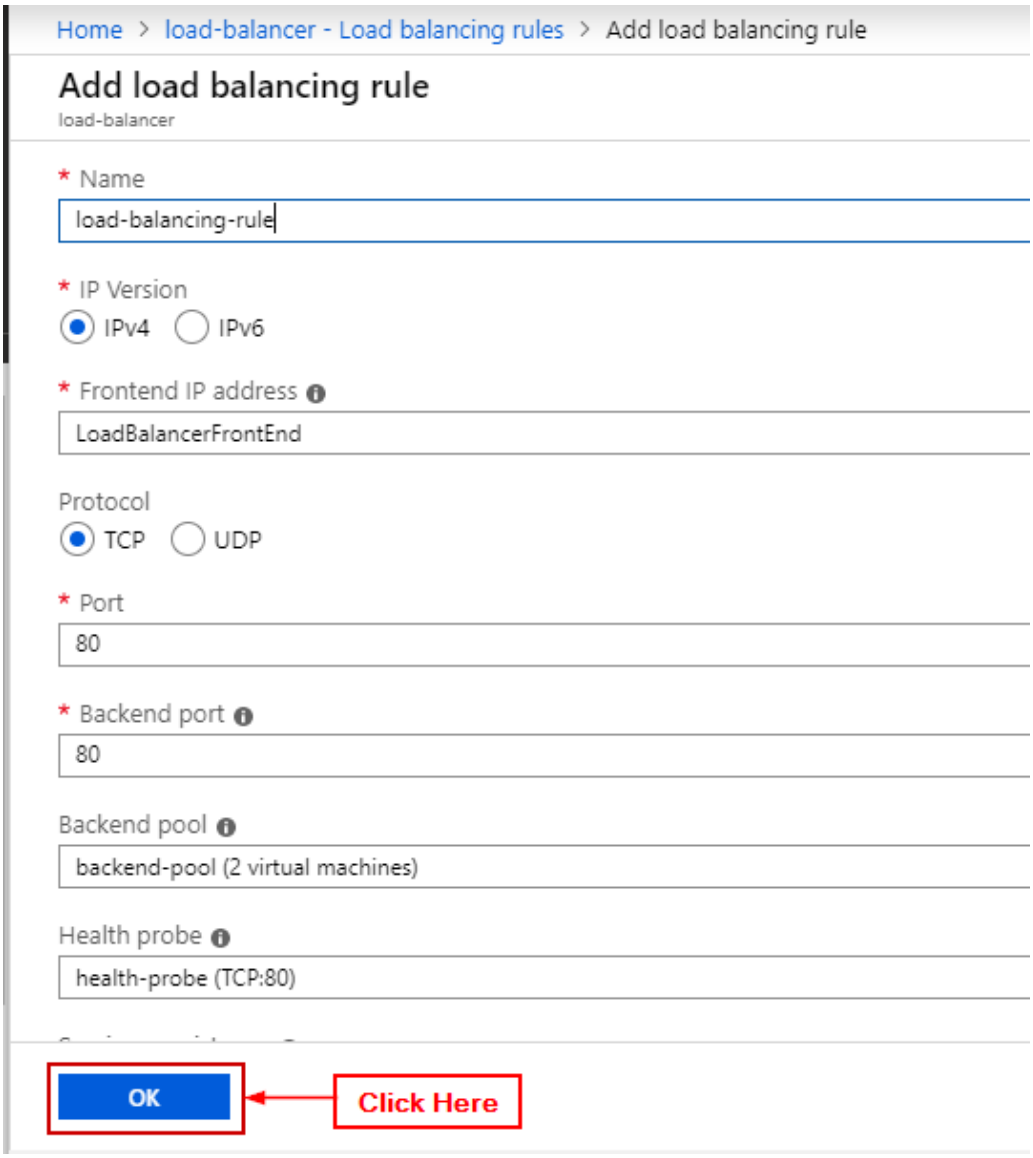
Step 14: Enter details click on OK.



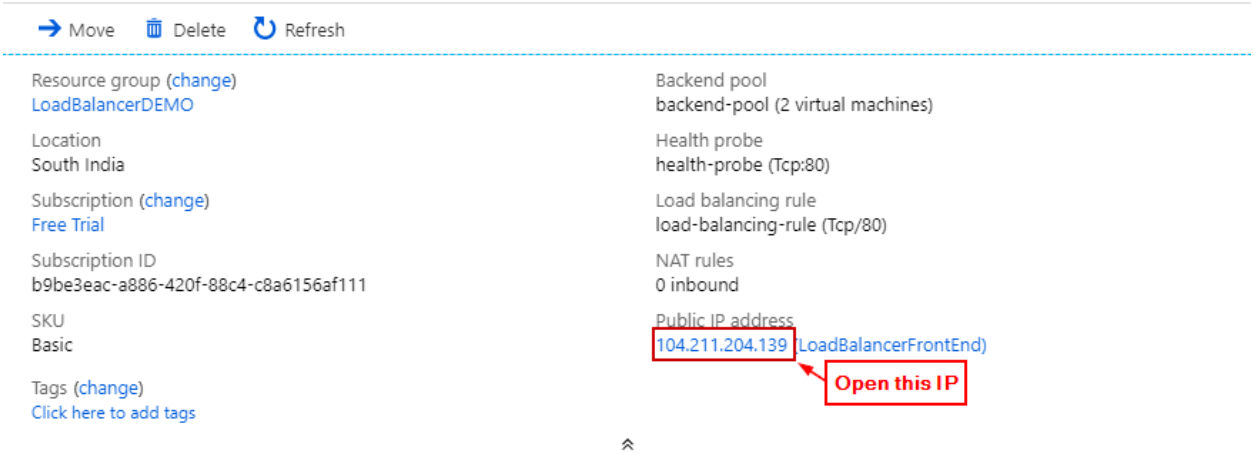
Step 15: In load balancer click on Load Balancing Rule and click on '+ Add'.



Step 16: Enter details click on OK.



Step 17: Open load balancer and open the public IP Address.



Step 18: Notice the website is being served by the load balancer.

Step 19: Wait for a couple of minutes and refresh to see the website being loaded by other VM in the backend pool.