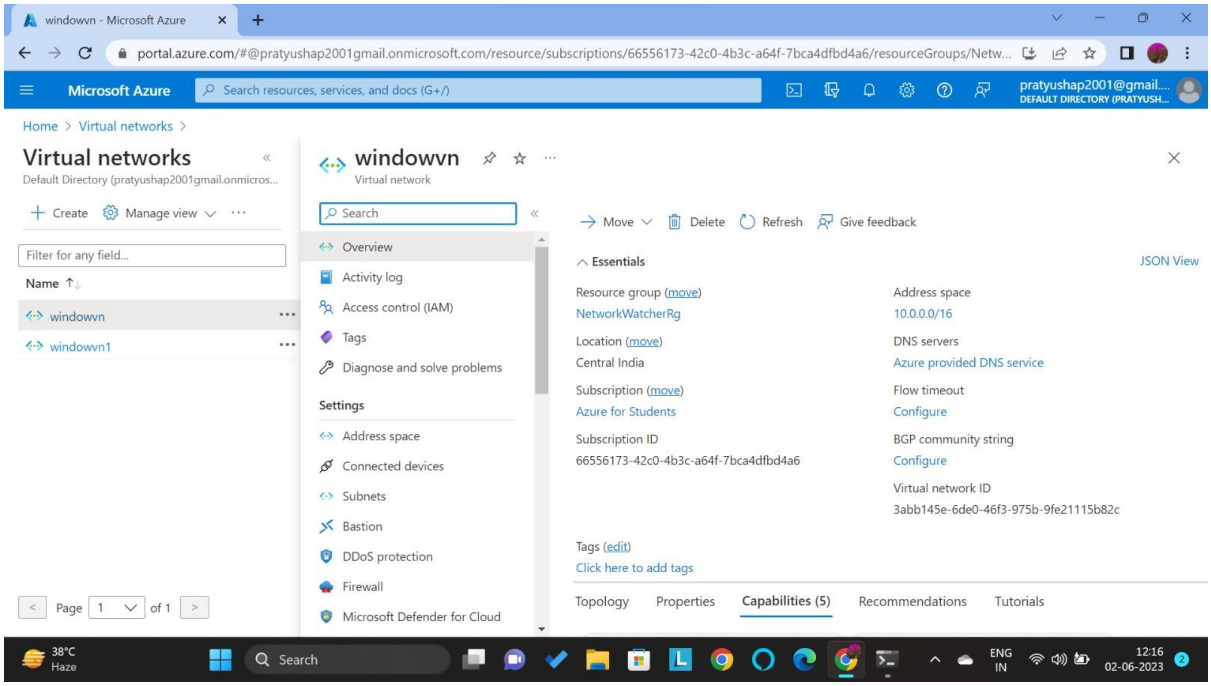
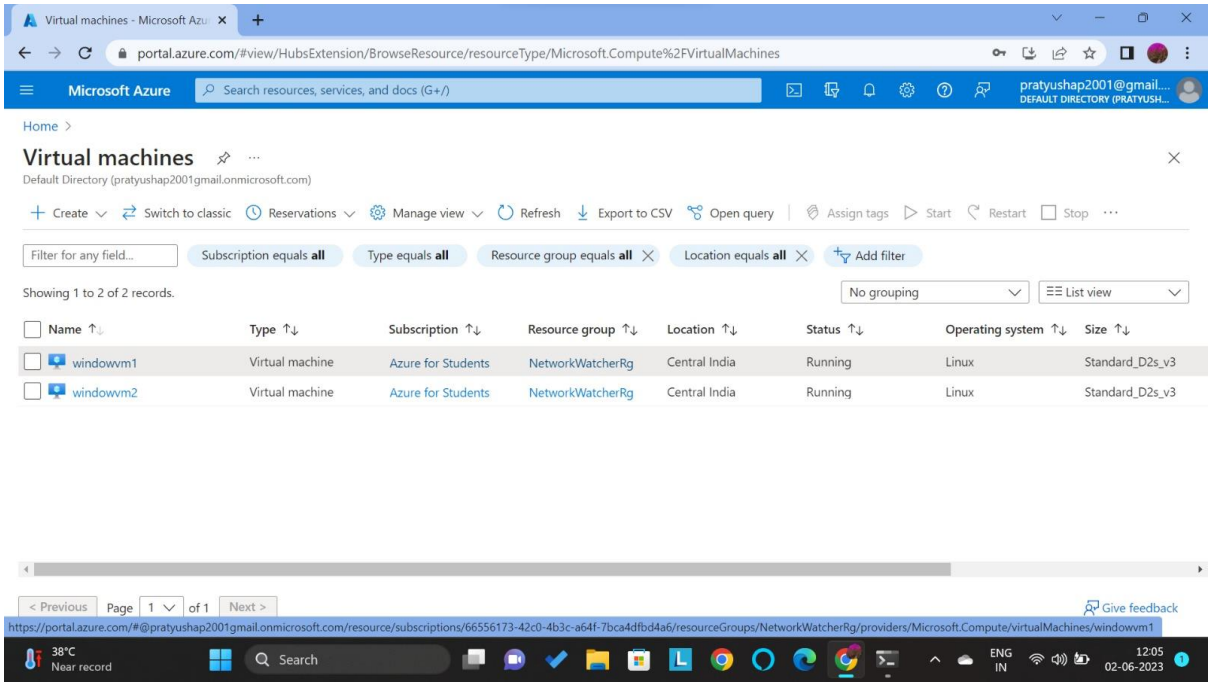
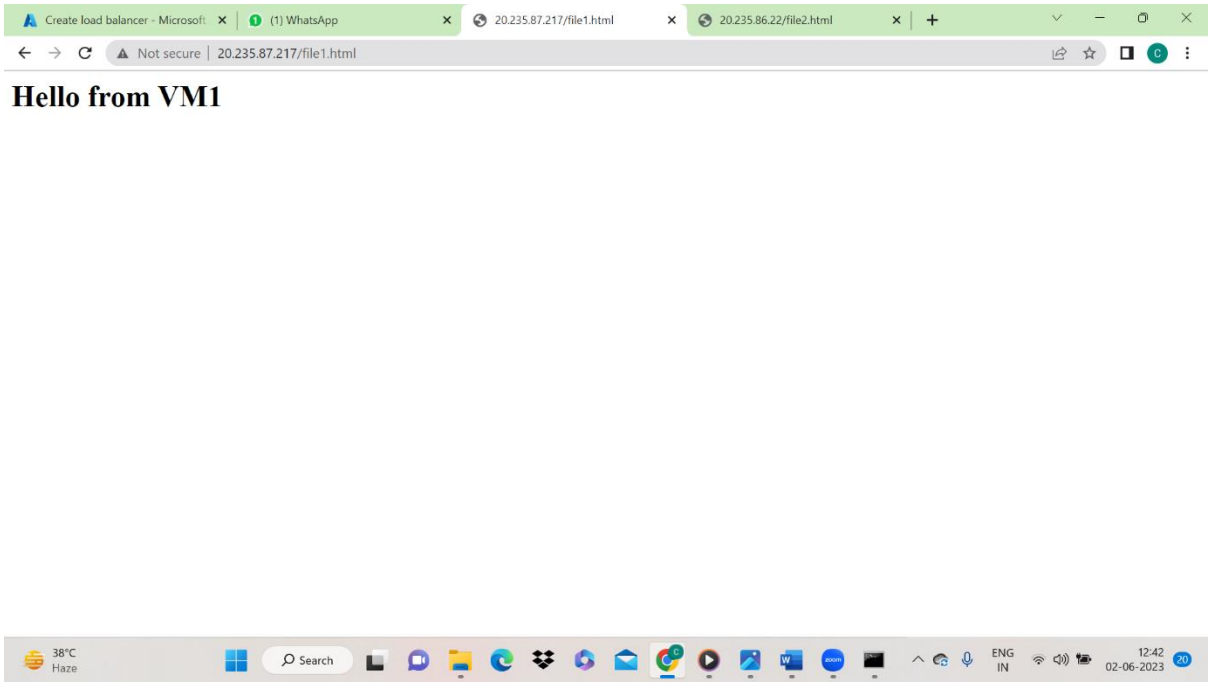
ASSIGNMENT-5

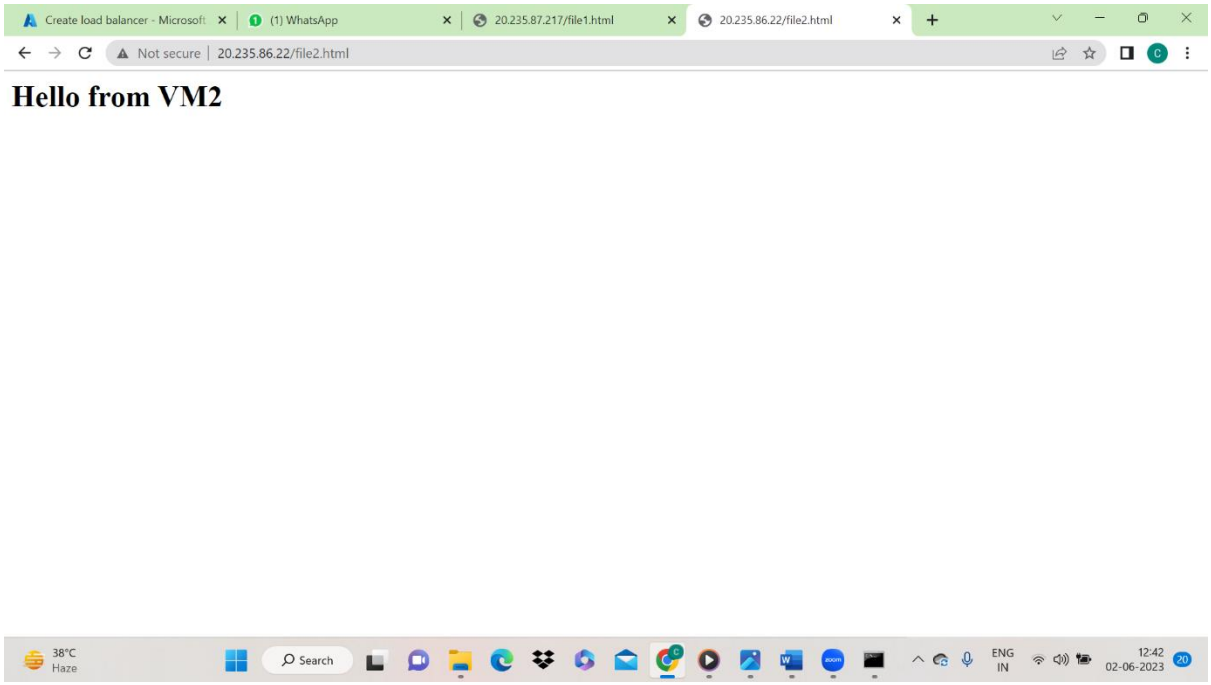
20bcsa09_Pratyusha Priyadarshini

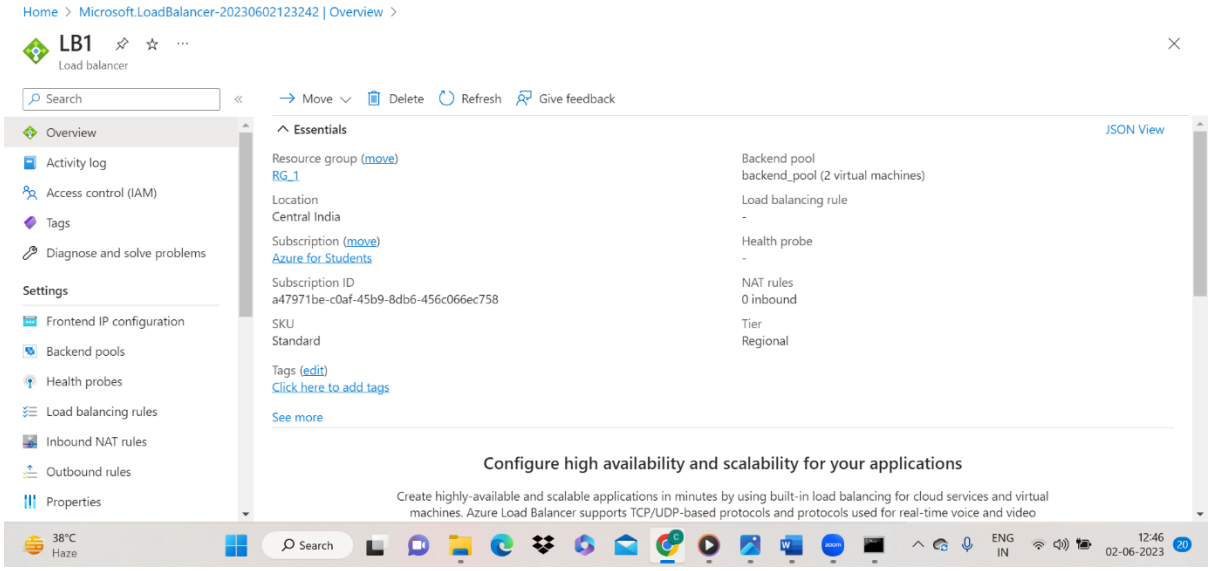
Q1. Create a Virtual Network (VN) inside the MS Azure & deploy 2 different VM inside the same VN, create a load balancer (LB) in that VN now connect it with your CLI & install the Apache2 webserver on these two VM, place an HTML text file(write some text in it) on that Apache server, now configure your Load Balancer (LB) & try to distribute the traffic among the two different VMs.

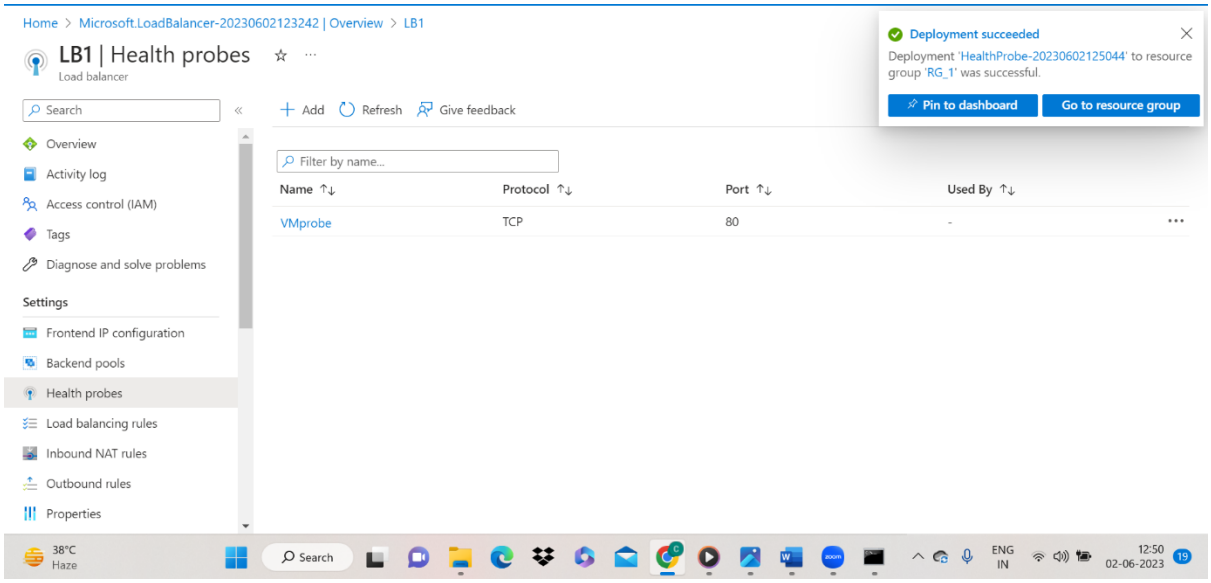


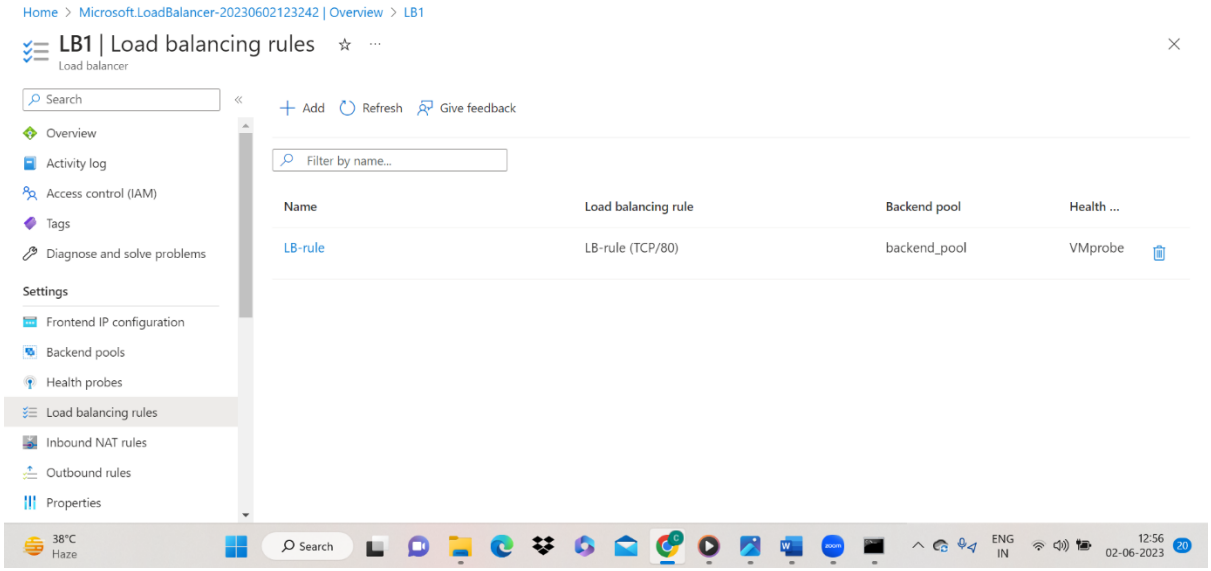

Virtual machines - Microsoft Azu
portal.azure.com/#view/HubsExtension/BrowseResource/resourceType/Microsoft.Compute%2FVirtualMachines
Microsoft Azure
Search resources, services, and docs (G+/)
pratyushap2001@gmail....
DEFAULT DIRECTORY (PRATYUSH...
Home
Virtual machines
Default Directory (pratyushap2001gmail.onmicrosoft.com)
Create
Switch to classic
Reservations
Manage view
Refresh
Export to CSV
Open query
Assign tags
Start
Restart
Stop
Filter for any field...
Subscription equals all
Type equals all
Resource group equals all
Location equals all
Add filter
Showing 1 to 2 of 2 records.
No grouping
List view
Name
Type
Subscription
Resource group
Location
Status
Operating system
Size
windowvm1
Virtual machine
Azure for Students
NetworkWatcherRg
Central India
Running
Linux
Standard_D2s_v3
windowvm2
Virtual machine
Azure for Students
NetworkWatcherRg
Central India
Running
Linux
Standard_D2s_v3
< Previous
Page 1 of 1
Next >
Give feedback
https://portal.azure.com/#@pratyushap2001gmail.onmicrosoft.com/resource/subscriptions/66556173-42c0-4b3c-a64f-7bca4dfbd4a6/resourceGroups/NetworkWatcherRg/providers/Microsoft.Compute/virtualMachines/windowvm1
38°C
Near record
Search
ENG
IN
12:05
02-06-2023


Create load balancer - Microsoft
(1) WhatsApp
20.235.87.217/file1.html
20.235.86.22/file2.html
Not secure | 20.235.87.217/file1.html
Hello from VM1
38°C
Haze
Search
ENG
IN
12:42
02-06-2023


Create load balancer - Microsoft
(1) WhatsApp
20.235.87.217/file1.html
20.235.86.22/file2.html
Not secure | 20.235.86.22/file2.html
Hello from VM2
38°C
Haze
Search
ENG
IN
12:42
02-06-2023


Home > Microsoft.LoadBalancer-20230602123242 | Overview >
LB1
Load balancer
Search
Move
Delete
Refresh
Give feedback
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Frontend IP configuration
Backend pools
Health probes
Load balancing rules
Inbound NAT rules
Outbound rules
Properties
Essentials
JSON View
Resource group (move)
RG_1
Location
Central India
Subscription (move)
Azure for Students
Subscription ID
a47971be-c0af-45b9-8db6-456c066ec758
SKU
Standard
Tags (edit)
Click here to add tags
See more
Backend pool
backend_pool (2 virtual machines)
Load balancing rule
-
Health probe
-
NAT rules
0 inbound
Tier
Regional
Configure high availability and scalability for your applications
Create highly-available and scalable applications in minutes by using built-in load balancing for cloud services and virtual machines. Azure Load Balancer supports TCP/UDP-based protocols and protocols used for real-time voice and video
38°C
Haze
Search
ENG
IN
12:46
02-06-2023


Home > Microsoft.LoadBalancer-20230602123242 | Overview > LB1
LB1 | Health probes
Load balancer
Deployment succeeded
Deployment 'HealthProbe-20230602125044' to resource group 'RG_1' was successful.
Pin to dashboard
Go to resource group
Search
Add
Refresh
Give feedback
Filter by name...
Name
Protocol
Port
Used By
VMprobe
TCP
80
-
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Frontend IP configuration
Backend pools
Health probes
Load balancing rules
Inbound NAT rules
Outbound rules
Properties
38°C
Haze
Search
ENG
IN
12:50
02-06-2023


Home > Microsoft.LoadBalancer-20230602123242 | Overview > LB1
LB1 | Load balancing rules
Load balancer
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Frontend IP configuration
Backend pools
Health probes
Load balancing rules
Inbound NAT rules
Outbound rules
Properties
Add
Refresh
Give feedback
Filter by name...
Name
Load balancing rule
Backend pool
Health ...
LB-rule
LB-rule (TCP/80)
backend_pool
VMprobe
38°C
Haze
Search
ENG
IN
12:56
02-06-2023