

ASSIGNMENT – 9

- 01) Create a VM in azure & add a new user to that resource you've created, assign that user a role of "Reader", now implement a lock on that VM & paste the screenshot of the final page of the new user which you've created as well as the screenshot of the notification bar which raises a red flag that you can't delete the resource until you remove the lock.

The screenshot displays the Microsoft Azure portal interface. The main content area shows the 'myVM' Access control (IAM) page. The 'Check access' tab is selected, displaying the user 'Pratyusha Priyadarshini' assigned the 'Reader' role. A notification bar on the right shows a successful role assignment and a deployment succeeded message.

Notifications

- Added Role assignment
Pratyusha Priyadarshini was added as Reader for myVM.
a few seconds ago
- Deployment succeeded
Deployment 'CreateVm-canonical.0001-com-ubuntu-server-focal-2-20230608112348' to resource group 'NetworkWatcherRg' was successful.
Go to resource Pin to dashboard
18 minutes ago
- Executed delete command on 2 selected items
Succeeded: 2, Failed: 0, Canceled: 0.
32 minutes ago

myVM | Access control (IAM)

Check access Role assignments Roles Deny assignments Classic administrators

Number of role assignments for this subscription 1 4000

Search by name or email Type: All Role: All Scope: All scopes Group by: Role

1 items (1 Users)

Name	Type	Role	Scope	Condition
Pratyusha Priyadarshini pratyushap2001_gmai...	User	Reader	This resource	None

The top screenshot shows the Microsoft Azure portal interface. The breadcrumb navigation is 'Home > myVM'. The page title is 'myVM | Locks' with a sub-header 'Virtual machine'. A search bar is present. Below the search bar, there are tabs for 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', and 'Diagnose and solve problems'. A 'Settings' section is also visible. The main content area shows a table of locks:

Lock name	Lock type	Scope	Notes
mylock	Delete	myVM	don't delete it

The bottom screenshot shows the 'myVM' overview page. The breadcrumb navigation is 'Home > myVM'. The page title is 'myVM' with a sub-header 'Virtual machine'. A search bar is present. Below the search bar, there are tabs for 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', and 'Diagnose and solve problems'. A 'Settings' section is also visible. The main content area shows the 'Essentials' section with details about the VM, including Resource group, Status, Location, Subscription, Subscription ID, Availability zone, and Tags. A 'Notifications' panel is open on the right, showing two error messages:

Failed to delete virtual machine myVM

An error occurred while deleting virtual machine myVM and/or any selected resource(s) associated with it. Error: 'The scope '/subscriptions/66556173-42c0-4b3c-a64f-7bca4dfbd4a6/resourceGroups/NetworkWatcherRg/providers/Microsoft.Com... cannot perform delete operation because following scope(s) are locked: '/subscriptions/66556173-42c0-4b3c-a64f-7bca4dfbd4a6/resourceGroups/NetworkWatcherRg/providers/Microsoft.Com... Please remove the lock and try again.'

Failed to delete virtual machine myVM

An error occurred while deleting virtual machine myVM and/or any selected resource(s) associated with it. Error: 'The scope '/subscriptions/66556173-42c0-4b3c-a64f-7bca4dfbd4a6/resourceGroups/NetworkWatcherRg/providers/Microsoft.Com... cannot perform delete operation because following scope(s) are locked: '/subscriptions/66556173-42c0-4b3c-a64f-7bca4dfbd4a6/resourceGroups/NetworkWatcherRg/providers/Microsoft.Com... Please remove the lock and try again.'

02) Create two VMs & a load balancer (LB) to demonstrate how your Load Balancer is distributing traffic among two VMs you've created
Paste the screenshot of the final Webpage displayed by the load balancer in the new tab using the public IP of LB.

Home > Virtual networks >

Virtual networks

Default Directory (chiragsahoo16gmail.onmicrosof...)

+ Create Manage view ...

Filter for any field...

Name ↑

linuxVN

linuxVN Virtual network

Search

Move Delete Refresh Give feedback

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

Settings

- Address space
- Connected devices
- Subnets
- Bastion
- DDoS protection
- Firewall
- Microsoft Defender for Cloud

Essentials

Resource group (move) RG_1

Location (move) Central India

Subscription (move) Azure for Students

Subscription ID a47971be-c0af-45b9-8db6-456c066ec758

Address space 10.0.0/16

DNS servers Azure provided DNS service

Flow timeout Configure

BGP community string Configure

Virtual network ID 323513ff-a6ea-4933-a191-d687d55a119a

Tags (edit) Click here to add tags

Topology Properties Capabilities (5) Recommendations Tutorials

36°C Haze

Search

11:39 02-06-2023

Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20230602114025 | Overview >

VM1

Virtual machine

Search

Connect Start Restart Stop Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

Settings

- Networking
- Connect
- Disks
- Size
- Microsoft Defender for Cloud
- Advisor recommendations
- Extensions + applications

Essentials

Resource group (move) RG_1

Status Running

Location Central India

Subscription (move) Azure for Students

Subscription ID a47971be-c0af-45b9-8db6-456c066ec758

Operating system Linux (ubuntu 20.04)

Size Standard D2s v3 (2 vcpus, 8 GiB memory)

Public IP address 20.235.87.217

Virtual network/subnet linuxVN/default

DNS name Not configured

Health state -

Tags (edit) Click here to add tags

Properties Monitoring Capabilities (7) Recommendations Tutorials

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Search

11:51 02-06-2023

Home > Virtual machines >

Virtual machines

Default Directory (chiragsahoo16gmail.onmicrosof...)

+ Create Switch to classic ...

Filter for any field...

Name ↑

VM1

VM2

VM2 Virtual machine

Search

Connect Start Restart Stop Capture Delete Refresh ...

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

Settings

- Networking
- Connect
- Disks
- Size
- Microsoft Defender for Cloud
- Advisor recommendations
- Extensions + applications

Essentials

Resource group (move) RG_1

Status Running

Location Central India

Subscription (move) Azure for Students

Subscription ID a47971be-c0af-45b9-8db6-456c066ec758

Operating system Linux (ubuntu 20.04)

Size Standard D2s v3 (2 vcpus, 8 GiB memory)

Public IP address 20.235.86.22

Virtual network/subnet linuxVN/default

DNS name Not configured

Health state -

Tags (edit) Click here to add tags

Properties Monitoring Capabilities (7) Recommendations Tutorials

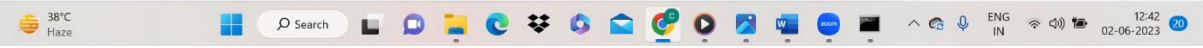
36°C Haze

Search

11:59 02-06-2023



Hello from VM1



Hello from VM2



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

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

JSON View

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

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Search

20

12:46 02-06-2023

Home > Microsoft.LoadBalancer-20230602123242 | Overview > LB1

LB1 | Health probes

Load balancer

Search

+ Add 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

Filter by name...

Name ↑↓	Protocol ↑↓	Port ↑↓	Used By ↑↓	...
VMprobe	TCP	80	-	...

Deployment succeeded

Deployment 'HealthProbe-20230602125044' to resource group 'RG_1' was successful.

Pin to dashboard Go to resource group

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Search

20

12:50 02-06-2023

Home > Microsoft.LoadBalancer-20230602123242 | Overview > LB1

LB1 | Load balancing rules

Load balancer

Search

+ Add 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

Filter by name...

Name	Load balancing rule	Backend pool	Health ...
LB-rule	LB-rule (TCP/80)	backend_pool	VMprobe

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Search

20

12:56 02-06-2023