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Workspace 1

Microsoft Azure

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Home > demo-lb >

Idemo-lb

Load balancer

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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](#))
[demo-lb](#)

Location
East US

Subscription ([move](#))
[ARCHIT JAIN - MPN](#)

Subscription ID
f2825f7a-c276-40b0-b8a1-bac639219628

SKU
Standard

[Tags \(edit\)](#)
[Add tags](#)

[See more](#)

Backend pool
BE-pool (2 virtual machines)

Load balancing rule
rule1 (Tcp/80)

Health probe
health-probe (Tcp:80)

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

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Idemo-lb | Frontend IP configuration

Load balancer

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Name ↑↓	IP address ↑↓	Rules count ↑↓
Fe-pip	20.33.31.92 (lb-pip)	1

Overview

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Idemo-lb | Backend pools

Load balancer

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The backend pool is a critical component of the load balancer. The backend pool defines the group of resources that will serve traffic for a given load-balancing rule. [Learn more.](#)

Backend pool	Resource Name	IP address	Network interfa...	Availability zone	Rules count	Resource S
BE-pool (2)						
BE-pool	vm1	10.0.0.4	vm1749	-	1	-
BE-pool	vm2	10.0.0.5	vm2938	-	1	-

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Give feedback

https://portal.azure.com/#@snp.com/resource/subscriptions/f2825f7a-c276-40b0-b8a1-bac639219628/resourceGroups/demo-lb/providers/Microsoft.Network/loadBalancers/Idemo-lb/backendPools

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https://portal.azure.com/#@snp.com/resource/subscriptions/f2825f7a-c276-40b0-b8a1-bac639219628/resourceGroups/demo-lb/providers/Microsoft.Network/loadBalancers/Idemo-lb/loadBalancingRules

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Idemo-lb | Load balancing rules

Load balancer

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A load balancer rule is used to define how incoming traffic is distributed to all the instances within the backend pool. A load-balancing rule maps a given frontend IP configuration and port to multiple backend IP addresses and ports. An example would be a rule created on port 80 to load balance web traffic. [Learn more.](#)

Filter by name...

Name	Protocol	Backend pool	Health probe
rule1	TCP/80	BE-pool	health-probe

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Idemo-lb | Health probes

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Type to start filtering ...

Name	Protocol	Port	Path	Used By
health-probe	Tcp	80	-	rule1

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