

# AZURE LOAD BALANCER

## Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

*Thank you for using nginx.*



Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Network settings

Load balancing

Application security groups

Network manager

Settings

Availability + scale

Security

Backup + disaster recovery

Add or remove favorites by pressing Ctrl+Shift+F

Help me copy this VM in any region | Manage this VM with Azure CLI

Help me copy this VM in any region

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

Essentials

Resource group (move) : web-01\_group

Status : Running

Location : Australia East

Subscription (move) : Azure subscription\_1

Subscription ID : a3107e0d-376f-4650-b383-aa7b2b3c0c9a

Operating system : Linux

Size : Standard D2ls v5 (2 vcpus, 4 GiB memory)

Primary NIC public IP : 20.92.73.94

Virtual network/subnet : vnet-australiaeast/subnet01

DNS name : Not configured

Health state : -

Time created : 2/1/2026, 4:22 AM UTC

Tags (edit) : Add tags

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name : web-02

Operating system : Linux

Networking

Public IP address : 20.92.73.94 ( Network interface web-02264 )

1 associated public IPs

EUR/INR -1.13%

Search

ENG IN 01-02-2026 09:53

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# Now create load balancer

LB-01

Overview

Resource group (move) : az-lb

Location (move) : Australia East

Subscription (move) : Azure subscription 1

Subscription ID : a3107e0d-376f-4650-b383-aa7b2b3c0c9a

SKU : Standard

Tier : Regional

Backend pool : -

Load balancing rule : -

Health probe : -

Inbound NAT rules : -

Outbound rules : -

Frontend IP address : 20.92.67.121 (azf-ip)

Tags (edit) : Add tags

Configure high availability and scalability for your applications

Balance IPv4 and IPv6 addresses

Native dual-stack endpoints help meet regulatory requirements and address the fast-growing number of devices in mobile and IoT. [Learn more](#)

View frontend IP configuration

Build highly reliable applications

Load Balancer improves application uptime by routing traffic to healthy nodes. [Learn more](#)

View health probes

Secure your networks

Control network traffic and protect private networks using built-in network address translation (NAT). [Learn more](#)

View inbound NAT rules

Add or remove favorites by pressing **Ctrl+Shift+F**

21°C Sunny

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ENG IN

10:20 01-02-2026

## Add backend pool

Add backend pool

Name \* : bp

Virtual network : nandini (web-01\_group)

Backend Pool Configuration : NIC

IP configurations

Resource Name	Resource group	Type	IP configuration	IP Address	Availability set
web-01	web-01_group	Virtual machine	ipconfig1	172.16.0.4	-

Save Cancel Give feedback

The screenshot shows the Microsoft Azure Portal interface. The left sidebar is open, showing navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Favorites, Locks, and Settings. Under Settings, 'Backend pools' is selected. The main content area is titled 'LB-01 | Backend pools'. It contains a table with columns: Backend pool, Resource Name, IP address, Network interface, Availability zone, Rules count, Resource Status, and Admin state. One row is visible, labeled 'bp (1)', with details: bp, web-01, 172.16.0.4, web-01675\_z1, 1, 0, Running, and None.

## Health probes

The screenshot shows the Microsoft Azure Portal interface. The left sidebar is open, showing navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Favorites, Locks, and Settings. Under Settings, 'Health probes' is selected. The main content area is titled 'LB-01 | Health probes'. It contains a table with columns: Name, Protocol, Port, Path, and Used By. One row is visible, labeled 'hprobe', with details: Tcp, 80, -, -, and an edit icon. A success message 'Saved probe' is displayed in the top right corner, stating 'Successfully saved probe 'hprobe''. The status bar at the bottom shows the date as 01-02-2026 and the time as 10:22.

## Add load balancer rules

The screenshot shows the Microsoft Azure Portal interface. The left sidebar is open, showing various service links like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Favorites, Locks, and Settings. Under Settings, Load balancing rules is selected, indicated by a blue border. The main content area displays a table of load balancer rules. A success message at the top right says "Saved load balancer rule" and "Successfully saved load balancer rule 'lb-ru'".

Name	Protocol	Backend pool	Health probe	Health status
lb-ru	TCP/80	bp	hprobe	<a href="#">View details</a>

The screenshot shows a web browser window with the URL <http://20.92.67.121>. The page displays the standard "Welcome to nginx!" message. The browser's address bar shows a warning icon indicating it is not secure.



## Welcome to Web01!

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