

# IONOS

## FACT SHEET

# Network Services

## Expanded cloud infrastructure protection

### Managed NAT Gateway & Managed Network Load Balancer

IONOS Network Services includes both the Managed NAT Gateway and Managed Network Load Balancer.



Safer access to the public internet



Increased protection for your private networks



Intelligent load distribution during peak loads



Reliable protection against failures

The virtual data centers IaaS users depend on must be set up to work faultlessly — especially if there is any external communication with applications in the data center.

This is why it's important to ensure a trouble-free connection with the networked world and minimize load fluctuations.



# Managed NAT Gateway

Gate keep your applications and VMs.

## ✓ Anonymize your private networks (LAN)

- Enable the NAT Gateway as an automated gate-keeper
- White list functions for targeted configuration of public end points
- Mask the source for a greater level of protection against external compromise

## ✓ Safeguard your virtual data centers

- Separate external and internal network traffic
- Isolate your virtual machines (VM)
- Prevent unauthorized data traffic

## ✓ Set IP-specific output rules

- Define multiple SNAT rules per NAT Gateway
- Ensure better protection against unauthorized access with anonymized IPs

## ✓ Back up your VMs

- Back up private VMs without having to access the public network

## Features at a glance



Supports TCP,  
UDP and ICMP  
protocols



Manually assign  
up to six private  
networks



Set up multiple  
public IP  
addresses



Restore service  
with rapid  
recovery



### Managed NAT Gateway

Find out how you can protect your applications and VMs with Managed Nat Gateway.

[www.cloud.ionos.com/network/managed-nat-gateway](http://www.cloud.ionos.com/network/managed-nat-gateway)

We're here to help

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# Managed Network Load Balancer

Maximize application availability.

## ✓ Seamless cloud scaling

- Mitigate downtime during demand peaks
- Distribute loads between server resources
- Optimize workload availability with load distribution

## ✓ Fully managed service

- Leave load balancer admin to the experts
- Restore service within a few minutes in the event of an outage

## ✓ Effective multi-level protection

- Increase redundancy of cloud applications
- Prevent single points of failure
- Set rules and automate network traffic distribution across several end points

## ✓ Flexible monitoring

- Perform independent health checks using adjustable metrics
- Exclude end points from monitoring as needed
- Schedule maintenance and planned interruptions as required

## Features at a glance



Individually  
adjustable health  
checks



Customizable  
rules for  
static/dynamic  
algorithms



Freely  
configurable rules  
with definable  
targets



Multi-IP capability  
and sticky  
sessions



### Managed Network Load Balancer

Find out how you can maximize your application availability.

[www.cloud.ionos.com/network/network-loadbalancer](https://www.cloud.ionos.com/network/network-loadbalancer)

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