worldstream

FLEXIBLE VPS ADD-ON

PRODUCT SHEET

Load Balancer

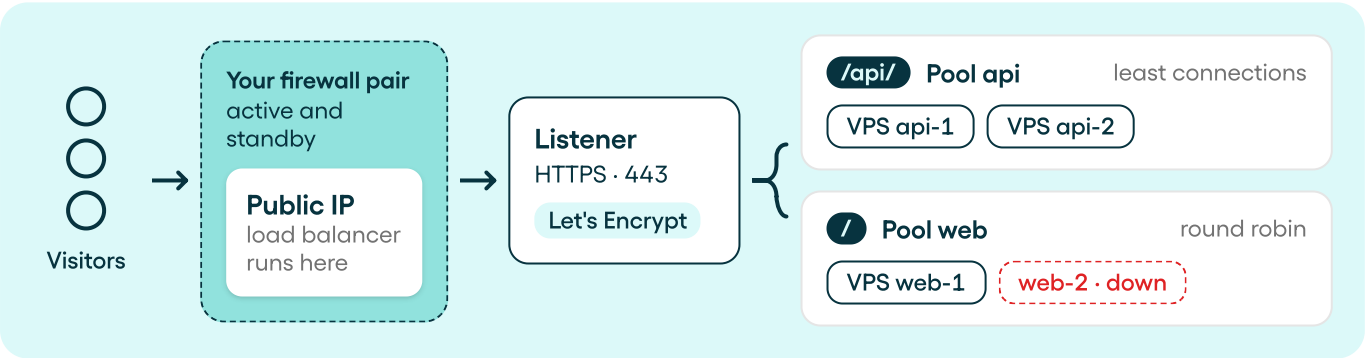
Spread traffic over several servers, on the public IP of your firewall.
With health checks and automatic certificates.

from €7.95	99.90%	up to 4 Gbit/s	Public IP
per month, excl. VAT	SLA on every plan	bandwidth	included in the price

How your traffic flows

HTTP · HTTPS · TCP

Your load balancer runs on your firewall. Visitors arrive on the public IP, a listener sends them to a pool, and the pool spreads them over your servers.



Example: one HTTPS listener with two routes. If web-2 fails, the health check stops sending it traffic.

What you use a load balancer for

Several web servers behind one address

Run your site on two or more VPSs. If one fails, traffic goes to the others.

Website and API on one IP

Routes by host or path send /api/ to one pool and everything else to another.

Maintenance without taking your site down

Set a server to Drain: it gets no new connections. Done? Enable the server again.

Spread a TCP service

A TCP listener passes traffic to your servers unchanged, for example for a database, mail or Redis.

Choose your plan

Every plan has the same features. They differ in capacity.

PER LOAD BALANCER	Small €7.95 /mo	Medium €17.95 /mo	Large €39.95 /mo
Bandwidth	1 Gbit/s	2 Gbit/s	4 Gbit/s
Traffic per month	30 TB	60 TB	80 TB
Max. concurrent connections	10,000	25,000	50,000
HTTP requests per second	20,000	30,000	44,000
HTTPS requests per second	5,500	7,800	12,300
Listeners	10	25	50
Servers in total	40	100	200
Certificates	15	40	75
Public IP	Included	Included	Included
Firewall	Free	Free	Free

Prices per month, excl. VAT. Above the traffic bundle: €1.00 per TB. Requests per second measured with keep-alive. You also need a free firewall.

INCLUDED IN EVERY PLAN

- Let's Encrypt, automatic
- Health checks per pool
- 99.90% SLA
- Public IP included
- On your firewall pair, active and standby
- Visitor IP stays visible

Under the hood

Protocols and IP	HTTP, HTTPS with HTTP/2 and TCP, over IPv4 and IPv6. Servers over IPv4.
Balancing	Round robin, least connections or by visitor IP, with a weight per server
Health checks	Per pool, TCP or HTTP on a path. You set interval and thresholds.
Access	Restrict each listener to your own networks, IPv4 and IPv6
Availability	99.90% SLA. Both nodes of your firewall pair, with takeover on failure
Management	Portal and API. Topology, logs and performance graphs per listener
Not supported	UDP, HTTP/3, WAF and servers outside Worldstream

Certificates	Let's Encrypt per hostname, renewed automatically, or your own PEM certificate
Sessions	Persistence by visitor IP, or with a cookie for HTTP and HTTPS
Routes	By host and path, to different pools
Limits	Max. connections. HTTP and HTTPS: also a limit on requests per IP
Regions	The Netherlands and Germany
Servers	Flexible VPS behind your firewall. Bare Metal is coming.

Live in three steps, on your existing firewall

portal.worldstream.com

1. **Create the load balancer**
   Choose a plan and your firewall in the portal. Your VPSs sit on a network behind that firewall.
2. **Pool with servers**
   Add your VPSs to a pool. Health checks monitor them automatically.
3. **Listener**
   Open HTTP, HTTPS or TCP on the public IP. For HTTPS we request the certificate.