



CLOUD LOAD BALANCER

Ensure availability of web applications wherever they are.

Total Uptime's Cloud Load Balancer gives you complete control over network traffic on the Internet **before it gets to the datacenter**. Use it for load balancing, failover or disaster recovery. It is completely datacenter independent so your infrastructure can be anywhere.

Here's how it works...

Cloud Load Balancing provides critical business continuity and global disaster recovery automation in case of site-level disruptions and outages. Using a long list of advanced server health checks, the Cloud Load Balancer continuously monitors numerous device attributes to detect availability. If a device/server/datacenter goes down, all client connections are transparently redirected by the Load Balancer to alternate locations — all without any DNS changes, and within a matter of seconds.

That's right. Because all traffic proxies through our cloud platform, routing changes are made instantly and completely. No more waiting for a DNS TTL to expire!

This architecture adds a new layer of high availability and performance to applications by routing traffic using our global IP Anycast network. You are assigned a Cloud IP Address (just like an appliance load balancer's virtual IP) that is published permanently in your existing DNS zone. All traffic is routed to the cloud IP, and when it lands on our network, we proxy it to the real servers behind the scenes. When traffic needs to be redirected, it happens immediately without the client seeing any DNS change because your IP address never changes.

To learn more about how Cloud Load Balancing works, [see our Infographic](#) for a quick overview.

More than an appliance in a datacenter. We're highly redundant!

Load Balancing has been around for many years. When most people think about Load Balancing, they think of an appliance, such as those from Cisco, F5, Citrix, Barracuda and others. These devices typically sit in a server rack and distribute traffic among the servers directly connected to it. We have similar, but better, capabilities. In fact, we're a pretty impressive layer 7 load balancer, we just load balance in a different location — before the datacenter, not in the datacenter.

100% availability on our global cloud platform - seriously.

We operate the only datacenter-independent global Cloud Load Balancing platform in the world. Our network uses Anycast technology, natively supports both IPv4 and IPv6 and is engineered for performance and 100% uptime. Our cloud platform resides in 17 countries utilizing hundreds of different network providers. What does this mean for you? It's simple: Better performance, redundancy, scalability, capacity. We route traffic for small businesses on up to some of the world's largest corporations. [More about our network >](#)

Key Features

- Active/Active, Passive and anything inbetween
- Load Balancing and Failover without DNS
- Intuitive web-interface
- Mobile Accessible
- 12 Load Balancing Methods to choose from
- 19 Advanced Monitors
- 18 Protocols, Unlimited Ports including ANY/ANY
- Session Persistence
- Role-Based Security
- Reporting & Analytics

Our easy-to-use management interface

Naturally, there is more going on behind the scenes to make everything above work smoothly. So for the curious, here is a nifty screen capture of the web-based management portal you can use to rig everything up. From server creation, firewall ports and protocols, monitoring and DDoS protection, we've packed it all into one easy-to-use interface.

Configuration Builder
This is the main page where you configure all of the parameters required for load balancing, firewall and acceleration.

DDoS Protection
Create DDoS protection policies to limit the number of connections to a website and to challenge them to prove authenticity.

Manage SSL Certificates
Upload your own SSL certificates for use with web applications. By default, the system will enable SSL offload to improve SSL performance.

Manage Monitors
Create and manage any number of different monitoring types. Assign them to a server to detect whether it is online or offline.

Servers and Packs
The left panel shows all of your servers, their status, as well as all of your Packs for simple editing and management.

Ports and Protocols
Choose which ports and protocols to allow through to your applications. This further protects them from undesirable activity.

Assign an SSL Certificate
If you previously uploaded a SSL certificate, here you can assign it to this Pack. Don't forget to enable port 443 first :)

Load Balance Configuration
Configure your cloud load balancer. Specify the balancing method, persistency type and timeout values for distributing traffic as desired.

Publish / Unpublish
When you've created a Pack, you can publish it to the Internet by assigning it an IPv4 or IPv6 address.

Manage Server Group
Here you add servers to groups, create failover pools, assign monitors to servers, adjust allowed ports and protocols and more...

Support on your terms - 24xForever

Total Uptime is here when you need us, 24x7x365. Not just by email or through our efficient case tracking system, but you can also speak to a real person by telephone, whenever you want, without limits — unlike some of our competitors. All support is provided around the clock by our US-based Network Operations Center in North Carolina. Reach out to us for help with deployment, configuration assistance, importing data or a critical issue, all at no additional cost. [More about our Support >](#)

All this from \$39/month

That's right. Our entire Cloud Load Balancer with web-based management, full access to all of the features and functionality you see here plus our REST-style API is available for as little as \$39 USD per month. Visit our website to see more [pricing and package options](#).

For more info about
Total Uptime visit
totaluptime.com

sales@totaluptime.com
+1 (800) 584-1514