

# RACKSPACE® CLOUD LOAD BALANCERS - BETA

## Automatically Deploy and Scale an On-demand Load Balancing Solution in Minutes

Mission-critical web-based applications and workloads require high availability. Load balancing distributes workloads across two or more servers, network links, and other resources to maximize throughput, minimize response time and avoid overload. Rackspace Cloud Load Balancers allow you to quickly load balance multiple Cloud Servers™ for optimal resource utilization.

### SERVICE DETAILS:

- **Static IP Addresses** – Every load balancer is assigned a dedicated static IP address that can be selectively shared with other load balancers under a single account. IP addresses are persistent and won't change while a load balancer is active.
- **Built-in High Availability** – Our cloud load balancer solution has high-availability functionality built-in. You only need to buy one cloud load balancer and you get a high-availability at no additional charge.
- **Multiple Protocols** – Supports load balancing HTTP, HTTPS, LDAP, LDAPS, IMAP, FTP, POP3, POP3S, and SMTP protocols on either a public interface or internal interface.
- **Advanced Algorithms** – With support for round robin, weighted round robin, least connections, weighted least connections, and random, you can ensure traffic is being properly routed to the back-end nodes in the optimal way for your application.
- **Health Check** – In the event that a back-end node fails, the load balancer will quickly remove it from rotation. The health check also uses synthetic transaction monitoring to inspect an HTTP response code and body content to determine if the application or site is healthy.
- **Advanced Access Control** – Easily manage who can and can't access the services that are exposed via the load balancer.
- **Session Persistence** – If you are load balancing HTTP traffic, the session persistence feature utilizes an HTTP cookie to ensure subsequent requests are directed to the same node in your load balancer pool.
- **REST-based API** – RESTful API lets you customize solutions to automate cloud load balancer management.
- **Connection Logging** – To simplify log management, the connection logging feature allows for Apache-style access logs (for HTTP-based protocol traffic) or connection and transfer logging (for all other traffic) to your Cloud Files™ account. If you need raw data in one place for performance tuning or web analytics, logs are sorted, aggregated, and delivered to Cloud Files.
- **Connection Throttling** – As an additional feature, our cloud load balancer has a connection throttling feature that imposes user defined limits on the number of connections per IP address which may be used to mitigate malicious or abusive traffic to your application or website.

### SUPPORT\*

All Rackspace Cloud Load Balancers are backed by **Fanatical Support**®. Support includes:

- Chat/phone/ticket support available 24x7x365
- Authentication troubleshooting and verification
- Verify cloud load balancing infrastructure availability
- Provide documentation where available
- Verify/confirm load balancer details

\*Users will be solely responsible for creating, configuring, and deleting load balancers via API (Rackspace Cloud Control Panel integration coming soon). Rackspace will not create, configure, or delete any load balancers on behalf of a user. If you are a Cloud Servers with a managed service level customer, contact the Managed Cloud support team for assistance. Cloud load balancers do not include a Service Level Agreement (SLA) while in Beta.

### PRICING

Each cloud load balancer (instance) is billed by the hour + number of concurrent connections + bandwidth as shown below. There are no upfront, base fees.

Load Balancing Prices	Hourly (Est. Mthly.)
Cloud load balancer instance	\$0.015/hr. (\$10.95/mo.)
Each 100 concurrent connections**	\$0.015/hr. (\$10.95/mo.)

Bandwidth for your Rackspace Cloud Load Balancer is calculated separately as follows:

Bandwidth (Out)	Bandwidth (In)
\$0.18 per GB	\$0.08 per GB

\*\* Concurrent connections are a measure of average utilization over an hour based on 5 minute polling.

### API

Implementation and management of our cloud load balancer solution is currently available only through our API. In the near future, we will integrate cloud load balancer into our Cloud Control Panel. To use our API, customers should have a general understanding of load balancing and be familiar with:

- RESTful Web Services
- HTTP/1.1 Conventions
- JSON and/or XML Data Serialization Formats
- ATOM Syndication Format

For help, download the API Guide: <http://docs.rackspacecloud.com>

### GET STARTED IN 3 EASY STEPS:

#### 1 - Add a cloud load balancer

If you don't have a Rackspace Cloud account, go to the **Order Now** page and sign up for an account. Once you have a Rackspace Cloud account, use the "Create Load Balancer" API operation.

#### 2 - Configure cloud load balancer

Using our API, define name, protocol, port, algorithm, and which servers you need load balanced.

#### 3 - Your cloud load balancer is online

With the API you can customize or remove cloud load balancers as your needs change.

experience **fanatical support**®

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