Application Loadbalancer/WAF

Fast, Secure, and Always-On Applications - with Smarter Load Balancing

Distribute traffic intelligently and keep apps available — with JioCloud Application Load Balancer built for real-time scaling, Layer 7 protection, and simplified delivery.

The Challenge

- Web apps can break under sudden traffic — or from targeted attacks.

- Sudden usage spikes, uneven traffic routing, or overloaded backend services can lead to downtime and poor user experience.

- Manual scaling and complex rule configurations slow teams down when speed matters most.

The JioCloud Solution

JioCloud Application Load Balancer helps you deliver web apps, APIs, and internal services reliably — even during traffic spikes or attacks.

You can direct HTTP/S traffic based on URLs or headers, offload SSL processing to ease backend load, and apply built-in defenses against common web exploits — all without manual configuration. This gives your team the confidence to scale apps securely and efficiently.

Key Features

- **Smart layer 7 routing**
  Route traffic based on URL, headers, or content to match users with the right service.

- **WAF-backed protection**
  Stop common web exploits and bad bots using preconfigured security policies.

- **Defense against app-layer DDoS**
  Detect and respond to HTTP-based attacks in real time - keeping services up even during high-volume events.

- **Live traffic visibility**
  See traffic patterns and anomalies on dashboards built into your load balancer.

- **Auto-scale based on demand**
  Add or reduce capacity as traffic changes — no need for manual intervention.

- **SSL offload at the edge**
  Terminate SSL at the load balancer to reduce backend load and speed up responses.

What You Gain

- Keep your apps fast and stable, even under heavy traffic or attack.

- Prevent downtime from code-level threats, bot abuse, or misrouted requests.

- Deliver a consistent user experience — with less operational overhead.

- Free up DevOps time by automating traffic handling and scaling.

- Improve conversion rates and trust with secure, responsive access.

Use Cases in Action

Handle traffic surges

Keep your site responsive during flash sales, marketing campaigns, or seasonal peaks.

Protect customer-facing apps

Block bots, injection attempts, and DDoS threats before they reach backend servers.

Serve global users faster

Distribute traffic smartly across services and regions with built-in redundancy.
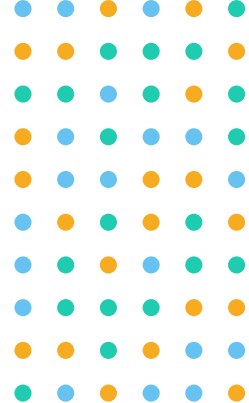
Simplify day-to-day ops

Let your teams focus on product and releases, not firewall rules and scaling triggers.

Who It's For

- Application and Cloud Infrastructure Teams

- DevOps and Platform Engineers

- Security and Compliance Teams

- Business and Product Owners

- Industry-Specific Decision Makers (Retail, Finance, Media, etc.)

Why JioCloud

- Fully integrated into the JioCloud ecosystem — no extra tooling needed

- Hosted in-region for low latency and regulatory compliance

- Backed by enterprise-grade SLAs and local support

JioCloud

Scale Smarter. Manage Less. Stay Always-On.

Talk to our team at jpl.cloudsales@ril.com or visit (website) to get started with JioCloud Application Load Balancer.