

Keep your apps online. Everywhere. Always.

Global Server Load Balancing that doesn't lose its cool.



Global Server Load Balancing, Simplified.

Your applications stay fast, resilient and always available.

It's intelligent traffic management across multiple data centres, clouds, and geos. So if one site goes down (or just gets a bit grumpy), your traffic gets automatically rerouted to a healthy one. Smooth, silent, seamless.

Benefits at a Glance

- ✓ **Geographic redundancy**
- ✓ **Application-level failover**
- ✓ **Health-aware routing**
- ✓ **Boost performance with proximity-based traffic**

Distribute data between multiple data centers and clouds to deliver fast, scalable and resilient applications regardless of location.

Implement load balancing and failover policies based on several criteria, including advanced health checks and user geo-location. Global Server Load Balancing (GSLB) gives you ultimate control in your application delivery service. Ensure that users from certain geographic locations are sent to the right data center.

Ensure that different content is served (or blocked) to different users, depending on several criteria such as the country that the client is in, the resource they are requesting, the language, etc.

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It's like teleportation for your traffic. Only with less sci-fi and more SLAs

Why You'll Love It

Stay resilient, scale globally, sleep peacefully.

Your users don't care where your servers live, they just expect your app to work.

Our GSLB delivers:

- ✓ **Automatic Failover:** Instant redirection to healthy services
- ✓ **Smart Health Checks:** Constant monitoring of application health, not just server pings
- ✓ **Load Distribution:** Keep performance smooth with intelligent traffic routing
- ✓ **Geo-aware Routing:** Send users to the closest and fastest endpoint
- ✓ **Multi-cloud Ready:** Azure? AWS? On-prem? We speak them all.

The GSLB solution runs as an integrated, containerised application on the Edgenexus EdgeADC in a secure environment. Global Server Load Balancing has traditionally been complex to setup and configure but Edgenexus simplifies this, offering an easy to use, intuitive GUI.



How It Works

Built for Engineers. Loved by Ops. Approved by Legal.

1

Monitor app and service health globally

2

Route traffic based on smart policies (latency, health, geo)

3

Ensure apps stay online, even when the unexpected hits

Global Server Load Balancing (GSLB) is typically used to provide data center failover or to enhance end user performance by directing users to their closest data centers using geolocation. GSLB is a DNS based system that manipulates the DNS response based on the availability and performance profile of the data centers.

RESILIENCY AND DISASTER RECOVERY

Run two data centers in an active-Passive architecture so that if one data center fails, traffic will be sent to the other.

LOAD BALANCING AND GEO-LOCATION

Distribute traffic between multiple data centers in an Active-Active architecture based on specific criteria including: fixed weight, round robin, data center health check, geo-location of the client etc.



Why Edgenexus

Smarter Tools. Stronger Security. Simpler Control.



1 flightPATH

Our visual rule builder lets you route traffic based on headers, cookies, geo-location, device type, and more, with zero coding.

2 WAF Essentials

Protect your applications from common threats with out-of-the-box web application firewall policies.

3 SSL Offload

Handle encryption and decryption at the edge, freeing up your backend servers for better performance.

4 Intelligent Monitoring

Stay ahead of issues with real-time analytics, alerts, and auto-remediation logic.

Ready to balance smarter?

At Edgenexus, we didn't stop at simple traffic distribution. We built the most intuitive, powerful Application Delivery Controller on the market, one that makes infrastructure feel friendly again.

There's only one way to find out: take Edgenexus for a spin.

Scan the QR code to get started or visit: edgenexus.io



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