

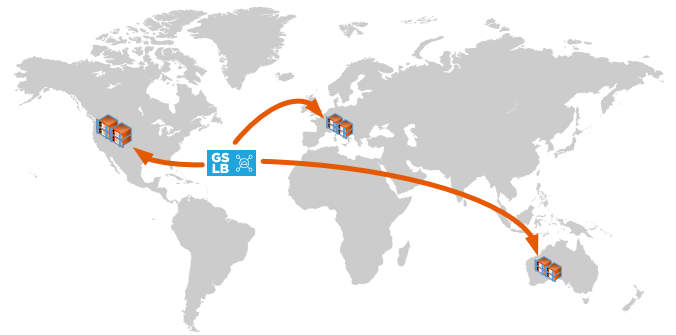
Load Balance Across Global Data Centers

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.



How does Global Server Load Balancing work?

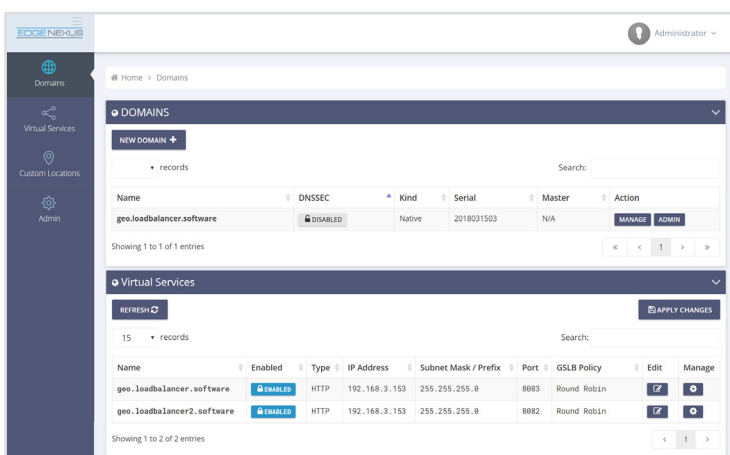
Global Server Load Balancing (GSLB) is typically used to provide data center failover or to enhance end user performance by directing users to their closest data centers using geolocation. GSLB is a DNS based system that manipulates the DNS response based on the availability and performance profile of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



Contact us about edgeGSLB today!

In the UK: 0808 1645876
In the USA: (866) 376-0175
or email us: hello@edgenexus.io



How Do I Deploy Global Server Load Balancing

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.

DNS CHECK

example.com A Search +

CD Flag Refresh: 20 sec.

Holtsville NY, United States	185.43.50.76	✓
Mountain View CA, United States	185.43.50.76	✓
Berkeley, US	185.43.50.76	✓
Brooklyn, United States	185.43.50.76	✓
Miami, United States	185.43.50.76	✓
Canoga Park, CA, United States	185.43.50.76	✓
Kansas City, United States	185.43.50.76	✓
St. John's, Canada	185.43.50.76	✓
Yokaterburg, Russian Federation	185.43.50.76	✓
Cullinan, South Africa	185.43.50.76	✓

CHECK DNS PROPAGATION

Recently changed your DNS records, switched web host, or started a new website: then you are at the right place! DNS Checker provides a free DNS lookup service to check Domain Name System records against a selected list of DNS servers located in multiple regions worldwide. Perform a quick DNS propagation lookup for any hostname, and check DNS data collected from all available DNS Servers to confirm that the DNS records are fully propagated.

edgenexus.io - DNS Propagation Map by DNSChecker.org

✓ Resolved ✗ Not Resolved

Home > Domain > geo.loadbalancer.software

geo.loadbalancer.software

ADD RECORD + APPLY CHANGES

15 records

Name	Type	Status	TTL	Data	Edit	Delete
@	SOA	Active	3600	a.misconfigured.powerdns.server hostmaster.geo.loadbalancer.software 2018031503 18000 3600 604800 3600		
server2	A	Active	60	185.43.50.85		
server3	A	Active	60	185.43.50.87		

Showing 1 to 3 of 3 entries

Do I Need External DNS Servers?

With the EdgeGSLB, say goodbye to the reliance on external DNS servers.

The built-in PowerDNS engine provides an authoritative DNS server and as a result, extremely fast DNS lookup.

<https://www.edgenexus.io>