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# Global Server Load Balancer

## Load Balance Across Data Centers

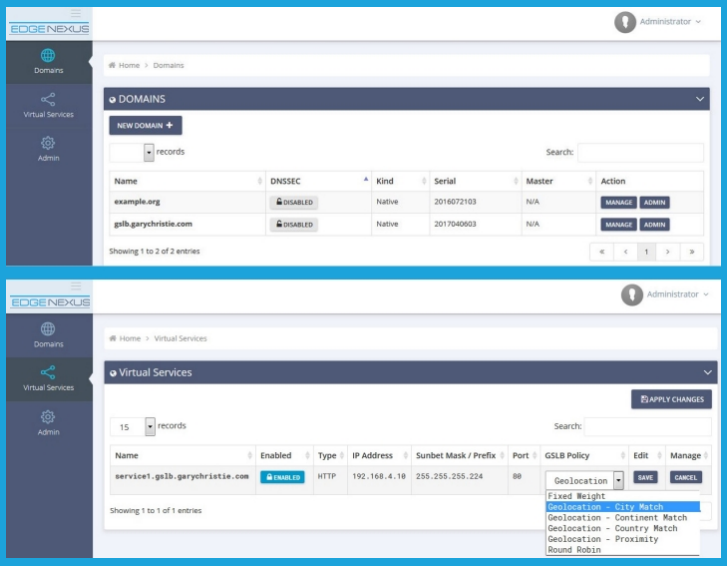
## Distribute data between multiple data centers and clouds to deliver fast, scalable and resilient applications regardless of location.

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.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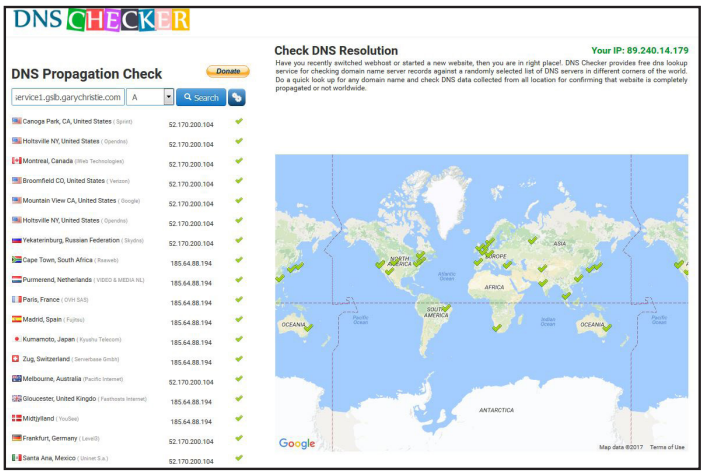
## How Do I Deploy Global Server Load Balancing?

The GSLB solution runs as an integrated, containerised application on the edgenexus load balancer in a secure environment.

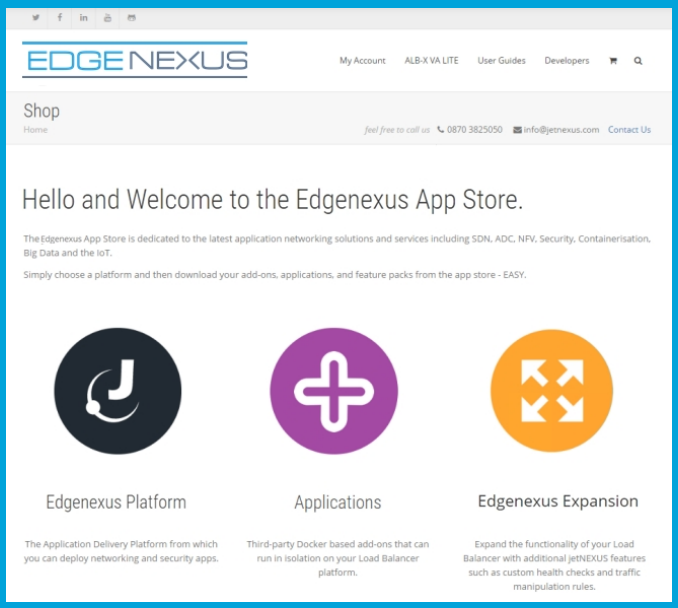
Global Server Load Balancing has traditionally been complex to setup and configure but edgenexus simplifies this, offering an easy-to-use, intuitive GUI.




## Introducing the edgenexus App Store:

The edgenexus Global Server Load Balancer container for Docker can be downloaded from the edgenexus App Store here.

The edgenexus App Store is a marketplace dedicated to the latest application networking solutions and services including Software Defined Networking (SDN), Application Delivery Control technology (ADC), Security, Containerisation, Network Function Virtualisation (NFV), Big Data and the IoT.




The App Store represents the next generation in application delivery and the ultimate in solution flexibility. Why pay for an over-engineered, bloated solution with features and functionality that you don't need?

The App Store allows you to conquer application performance challenges with a solution that is built to your unique requirements.

Browse, buy and deploy feature bundles, additional licences, health checks and add-ons for your ALB-X at the click of a mouse.

**Visit the App Store here.**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