IBM NS1 Connect GSLB

Extend GSLB functionality while reducing load balancing costs

Highlights

Improve performance of end-user connections

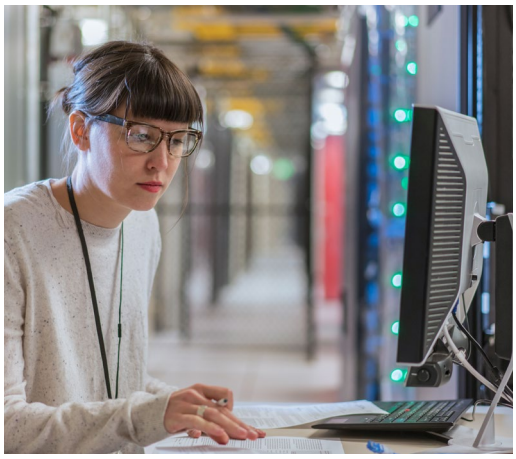
Improve resilience by eliminating single points of failure

Lower the cost of load balancing

Improve flexibility with automation and APIs

Improving application performance and reliability means attacking connection latency wherever it pops up. Unfortunately, most global server load balancing (GSLB) solutions don't measure the most critical point of latency: the "last mile." Instead, they focus on latency between the load balancer and the application. This results in slow applications, which impact revenue generation. The inline architecture of these solutions introduces a single point of failure that increases downtime risk. These solutions can also be very expensive, especially if deployed through appliances.

IBM NS1 Connect® GSLB uses the power of DNS and real user monitoring (RUM) data to disrupt the GSLB market with a low-cost, resilient, high-performance solution complete with end-to-end visibility. With IBM NS1 Connect GSLB, you can balance application loads based on the latency of end-user devices to improve the quality of experience. This end-to-end, out-of-band model also allows for multiple routing pathways, eliminating the single point of failure introduced in traditional inline GSLB solutions. With an API-first architecture and support for automation platforms, IBM NS1 Connect GSLB makes it easy to deploy and manage GSLB at scale.



Improve performance of end-user connections
Minimize latency by using RUM data to balance loads all the way out to end-user devices—a blind spot for traditional GSLB solutions. The RUM data used in IBM NS1 Connect GSLB is constantly updated on a global scale to provide real-time insights into quality of experience, which translates into real performance gains.

Improve resilience by eliminating single points of failure
IBM NS1 Connect GSLB balances loads based on latency measured on end-user devices, giving you multiple out-of-band resolution pathways from the moment a user expresses their intent through a DNS query. Contrast that with traditional inline GSLB solutions, web application firewalls (WAFs), elastic load balancers (ELBs) and application load balancers (ALBs), which route all traffic through a single ingestion point, thereby increasing risk and decreasing application resilience.

Lower the cost of load balancing
GSLB solutions can quickly become cost prohibitive, even when just a fraction of their core functionality is in use. As a SaaS product delivered through the cloud, IBM NS1 Connect GSLB eliminates the appliances and license renewals that drive the high cost of traditional appliance-based, enterprise license-driven solutions.

Improve flexibility with automation and APIs
IBM NS1 Connect GSLB is built with automation in mind. Its API-first architecture makes it simple to integrate into existing automation frameworks. Support for automation platforms like Terraform and Ansible® make it easier than ever to deploy and manage GSLB at scale.

Conclusion
IBM NS1 Connect GSLB delivers a more resilient solution that lowers connection latency, all without the cost of appliances and license renewals that drive traditional GSLB solutions. Improve the application connections your business depends on and delight your end users with lightning-fast connections.

Why IBM?
Only IBM® offers the combination of RUM data and out-of-band load balancing to improve quality of experience metrics at the end-user level. Experience the difference in performance that RUM data provides, with the additional advantage of an API-first architecture that easily plugs into your existing automation framework.

For more information
To learn more about IBM NS1 Connect GSLB, contact your IBM representative or IBM Business Partner or visit www.ibm.com/products/ns1-connect.

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