



SOLUTIONS BRIEF

## Global Load Balancing for Citrix Presentation Server

Provide transparent high availability and disaster recovery for applications delivered by Citrix Presentation Server and Citrix Access Suite in multi-site environments.

Citrix Presentation Server™ enables IT to centrally deploy and manage line-of-business applications while providing secure, on-demand access to these resources and delivering the lowest total cost of ownership (TCO), highest security, and best performance and scalability. For organizations that rely upon Presentation Server to deliver critical applications and information resources to local and remote users, ensuring the availability of Presentation Server is critical to the firm's business continuity, disaster recovery and high-availability strategy.

- Improve availability of applications delivered by Citrix Presentation Server™
- Prevent disruptions to application availability and maintain workforce productivity
- Provide seamless application access across distributed multi-site Presentation Server deployments
- Extend Presentation Server built-in server load balancing with transparent site to site failover

### Citrix NetScaler Global Server Load Balancing (GSLB) – one component of Citrix®

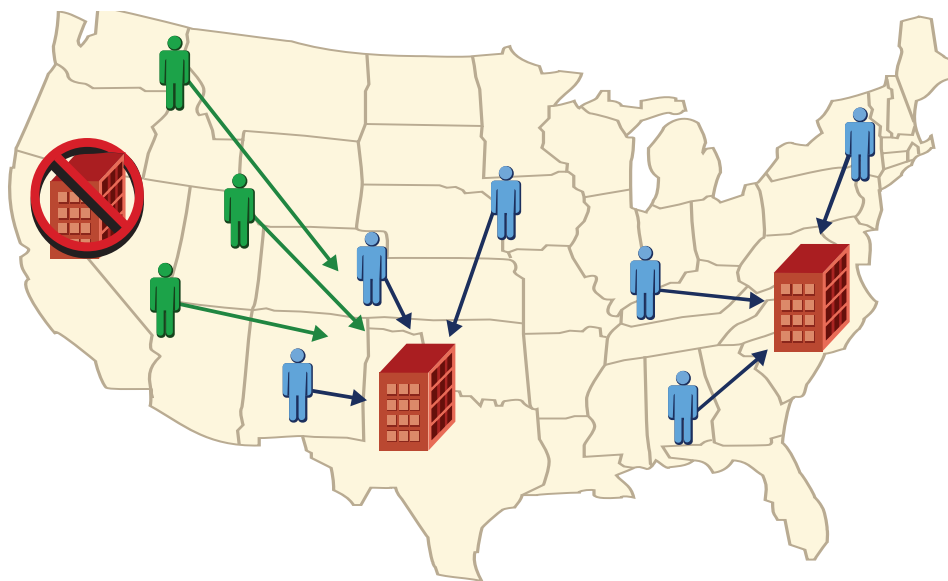
Citrix® NetScaler® Application Switch provides transparent high availability and load balancing among sites for multi-site Presentation Server and Citrix Access Suite™ environments. Working in conjunction with the DNS infrastructure, GSLB allows the organization to give all users a single, fully qualified domain name for each of the following, regardless of which Presentation Server site the user accesses:

- Web Interface for Citrix® Presentation Server
- Citrix Access Gateway™
- Citrix® Program Neighborhood® Agent

When all sites are operating normally, users are directed to the site most appropriate – as configured by the administrators. However, in the event that a site is unavailable or overloaded (based upon several configurable parameters), users are transparently directed to an available Presentation Server site.

In conjunction with Presentation Server and Access Suite, NetScaler GSLB can be used in both active/active and active/passive site deployments. In an active/active deployment, all sites receive requests. If a site goes out of service, its users are directed to the remaining in service sites. In an active/passive site deployment, a site (e.g., a disaster recovery site) receives no traffic unless a primary site goes down, at which time all traffic from the affected site is directed to the back-up site.

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- > In the event that a site is unavailable, users are transparently directed to an available Presentation Server site.

GSLB simplifies URL management for multi-site Presentation Server and Access Suite environments for both users and IT administrators. Since GSLB masks the fact that there are multiple sites, users only need to keep track of a single URL to gain access to the entire Presentation Server environment. Regardless of which Presentation Server sites are in service at any given time, NetScaler GSLB will ensure user requests are directed to an appropriate resource. Simultaneously, NetScaler frees administrators from having to manage multiple domain names, and from having to explain to different groups of users which URLs to use during normal and interrupted operations.



Best Access Experience. Anytime. Anywhere.

**About Citrix:** Citrix Systems, Inc. (Nasdaq:CTXS) is the global leader and most trusted name in on-demand access. More than 180,000 organizations around the world rely on Citrix to provide the best possible access experience to any application for any user. Citrix customers include 100% of the *Fortune* 100 companies and 98% of the *Fortune* Global 500, as well as hundreds of thousands of small businesses and individuals. Citrix has approximately 6,200 channel and alliance partners in more than 100 countries. Citrix annual revenues in 2005 were \$909 million. Learn more at [www.citrix.com](http://www.citrix.com).

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