

SmartCLOUD™ TAB Traffic and Application Balancer

Delivering a New Equilibrium in Performance and Efficiency

Gain more from SmartCLOUD™ and establish the perfect balance in business success. **SmartCLOUD™ TAB** is a revolutionary new way to achieve equilibrium in application performance and efficiency. Beyond just a basic load balancer, SmartCLOUD™ TAB intelligently manages application execution across the highly robust SmartCLOUD™ infrastructure to deliver superior service scalability, high availability, disaster recovery, application performance and customization.

Historically, these benefits of a full-featured load balancing solution were only available with highly complex and expensive infrastructure. Thanks to SmartCLOUD™ TAB, the powerful advantages are now immediately available via a Cloud-based subscription to all enterprise customers demanding the ultimate in application performance and reliability.

HIGHLIGHTS

- Gains higher end-user satisfaction from more responsive web applications
- Obtains better returns on investment from more efficient bandwidth utilization
- One-stop performance booster which accelerates page loading times by up to 4X, increases server efficiency by up to 3X and boosts up the application servers throughput by up to 50%
- CITIC Telecom CPC operates twelve (12) cloud services centers worldwide, providing full support to cater enterprises regional needs
- SmartCLOUD™ solutions can complement with the company's private network and managed security services to facilitate the deployment of the cloud solutions

Your Global Local ICT Solutions Partner



Comprehensive Load Balancing Solution Optimizes Applications Performance and Reliability

SmartCLOUD™ TAB goes beyond the High Availability features enjoyed by the reliable SmartCLOUD™ infrastructure, and optimizes application-layer execution across distributed architecture. Local Server Load Balancing (LSLB) optimizes execution across a server farm in the same location, and Global Server Load Balancing (GSLB) optimizes service uptime across geographically separated servers. A full set of algorithms for each Load Balancing mode allows perfect customization to needs.

LOCAL SERVER LOAD BALANCING (LSLB)

Agile Applications

To gain the best in application performance, SmartCLOUD™ TAB intelligently manages application execution among a set of servers in the same location. This optimizes server load to deliver top responsiveness for such tasks as SSL offloading, content caching, HTTP compression, ensuring e-commerce session persistence and more.

Optimum Bandwidth

SmartCLOUD™ TAB makes bandwidth utilization more efficient, and provides service level monitoring of end-user experience. This saves costs while it improves end-user satisfaction.

Stronger Security

With the optional enhanced security option, SmartCLOUD™ TAB can further protect Cloud applications with a strong Web Application Firewall. Additionally, SmartCLOUD™ TAB provides inherent DDOS protection because it can intelligently and dynamically distribute web server traffic across multiple machines to minimize or eliminate DDOS effects overloading any single server.

GLOBAL SERVER LOAD BALANCING (GSLB)

Geographically Intelligent

SmartCLOUD™ TAB can dynamically direct end-user traffic to the fastest servers based on location and topology, to maximize web application responsiveness.

Even Higher Availability

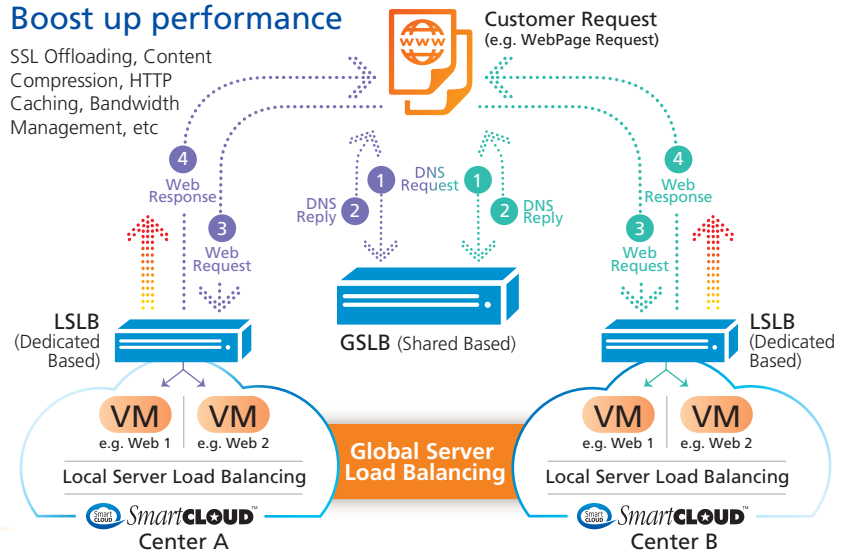
In the event of application or server failures at any location, SmartCLOUD™ TAB can seamlessly redirect traffic to another geographically separated site, reducing or eliminating downtime experienced by end-users.

Seamless Disaster Recovery

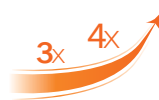
SmartCLOUD™ TAB focuses on web application performance, going above and beyond the server, data, and back-end services redundancy of SmartCLOUD™ Compute, to ensure web application failover protection.

Boost up performance

SSL Offloading, Content Compression, HTTP Caching, Bandwidth Management, etc



Powerful Customer Benefits



Higher performance and reliability. In standardized testing, SmartCLOUD™ TAB achieves on average triple the performance (3X) in TCP/SSL processing, fourfold (4X) web content optimization and boosts 50% throughput of application servers.



No burdensome technical expertise is required and it is fully managed 24x7 by experienced CITIC Telecom CPC professionals.



No up-front capital costs or high operational overhead. Its simple pricing structure and monthly flat fee keeps OPEX low, and frees up businesses to focus on their core competencies.

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