

## **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

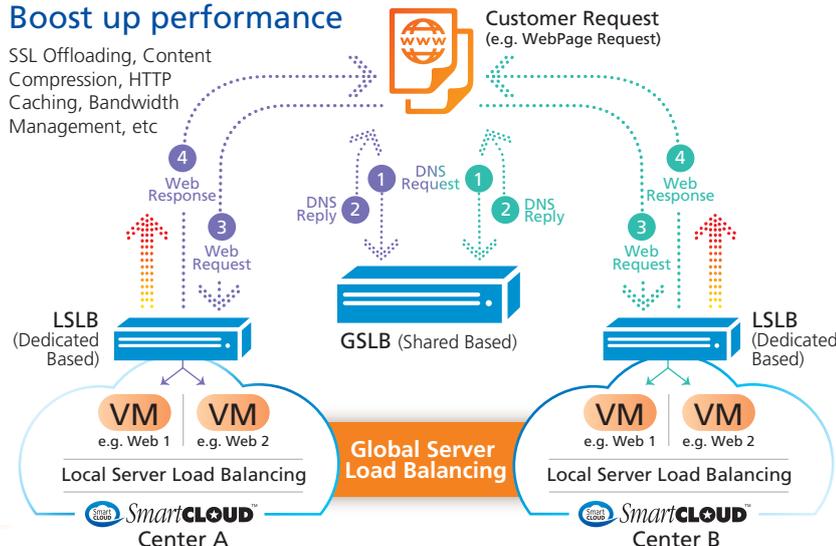
In the event of application or server failures at any location, SmartCLOUD™ TAB can seamlessly redirect traffic to another geographically separated site, reducing or eliminating downtime experienced by end-users.

#### 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.

### CITIC Telecom CPC

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