

Making the Most of Your Infrastructure

NTT AMERICA LOAD BALANCING

WHY LOAD BALANCING SERVICES?

- Improved performance of sites and applications
- Protects against server outages from traffic spikes
- Improved scalability and utilization
- Improved Quality of Service

NTT AMERICA BENEFITS

- Wide range of customizable options
- Scalable and modular architecture
- Experienced service managers

DATA CENTER LOCATIONS

- **United States:** San Jose, CA; Sterling, VA; New York, NY; Ashburn, VA
- **South America:** Brazil
- **Europe:** Germany, UK, Spain, France
- **Asia Pacific:** South Korea, China, Japan, Taiwan, Vietnam, Thailand, Philippines, Malaysia, Singapore, Indonesia, India, Australia

State of the Art Load Balancing for Optimal Performance and Control

As the success of your business increasingly depends on the Internet and eCommerce, it is vital that you give your users the highest level of availability and performance. At the same time, you need to maximize the use of your existing assets, minimize capital expenditure and operating costs while still providing exceptional service.

HIGH-SPEED TRAFFIC MANAGEMENT

Load Balancing distributes website traffic between multiple application servers, improving overall site performance and protecting against server failure. Traffic is routed to a public IP address on the load balancing switch and then distributed using private IP

addressing thereby increasing utilization and resilience. NTT America's Load Balancing Services utilize Radware Alteon Application Switches to dynamically route traffic to different web servers based on defined criteria. This enables the customer to continue to provide their users high performance services throughout times of high traffic variations, server outages or server expansions.

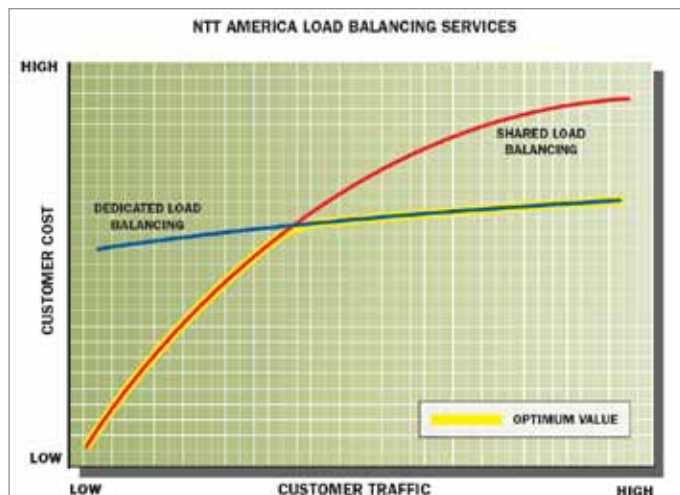
LOAD BALANCING SERVICES

NTT America offers two configurations for its load balancing services.

- **Shared** – ideal for basic requirements where traffic is more predictable and whose performance and security needs are focused on a per-server basis
- **Dedicated with High Availability** – for customers with a high number of load-balanced servers or who need some customization, Dedicated Load Balancing gives further redundancy and performance

NTT America also supports Dedicated Load Balancing without the high availability option for customers with specific needs.

These services work with the full NTT America Enterprise Hosting portfolio, including Dedicated Hosting, Colocation, Managed Storage & Recovery Services and Managed Security.



SHARED LOAD BALANCING

For entry point customers who need to manage growing application volume, minimize exposure to equipment failure and gain greater cost flexibility, NTT America's Shared Load Balancing offers a per-server solution that effectively distributes the cost of dedicated equipment while ensuring complete isolation and security from other customers.

Specifically, NTT America Shared Load Balancing offers each customer:

- Dedicated 100 Mbps uplinks to shared application switches for high-performance
- A dedicated VLAN across Ethernet infrastructure switches to ensure privacy
- Add-on Managed Security services (e.g., a dedicated firewall) for complete security protection and environment isolation

NTT America works with customers to understand and support additional requirements and needs for specific customizations.

DEDICATED LOAD BALANCING

For customers with high traffic requirements, multiple servers, or who require a high degree of customization, Dedicated Load Balancing gives the performance and flexibility needed.

NTT America's Dedicated Load Balancing also offers, as standard, a hot standby Alteon switch to ensure outstanding availability and performance. Customization is also available.

LOAD BALANCING EXPERTISE

NTT America's expert service managers work with the customer's organization to help optimize the scalability of their architecture, enhance the efficiency of online transactions and customize traffic distribution options according to specific customer requirements. Each NTT America service manager brings years of first-hand experience managing globally focused online applications and commerce capabilities to understanding the unique realities, expectations and objectives of each customer.

Key Features

Radware Alteon switches

Dedicated 100 Mbps uplinks for shared application switches

Dedicated VLAN on infrastructure Ethernet switches for complete separation between shared customers

Traffic distribution options – hash, round robin, least I/O, least connections

Customizable Load Balancing specific metrics and reporting

Multiple persistent methods

WORLD-CLASS SUPPORT

The performance of the customer's online portfolio is critical to their success. NTT America's Certified Support Engineering team diligently monitors and manages customer solutions around the clock, and directly supports Load Balancing customers. Combined with customizable service level agreements and customizable features, NTT America Load Balancing services can realize any target operational performance.

MOVING FORWARD

To learn more about how NTT America's Load Balancing Services can increase the performance and availability of your critical Internet applications, please contact us today for an initial consultation with one of our service managers.



Microsoft Partner
Gold Hosting

CONTACT US TODAY TO GET STARTED:

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Email: hosting@ntta.com
Click: www.us.ntt.com



NTT America