

MANAGED LOAD BALANCING

According to industry analysts, fewer than 20% of mission critical Internet applications achieve internal objectives for continuous availability.

Challenges include maintaining uptime when servers fail, scaling data center capabilities to handle increased load, and protecting infrastructure from network vulnerabilities. Designed to help organizations achieve their availability objectives, the Carpathia Managed Load Balancer solutions integrate IP load balancing and network intrusion prevention into an affordable package.

TYPICAL MANAGED LOAD BALANCER CUSTOMERS INCLUDE:

- Internet sites including high traffic requirements, including Web, FTP, media streaming, and content delivery networks.
- Hosted applications using thin-client architectures, such as Citrix or Windows Terminal Services.

To mitigate risks associated with failures of the load balancers themselves, two managed load balancers are often deployed in an active/passive configuration. In the event of failure of a primary active load balancer, the secondary load balancer automatically activates and assumes the identity as primary so as to maintain application availability.

KEY BENEFITS

- Fully managed
- Security experts on staff
- Levels to suit your exact requirements
- Best of breed technology
- No capital investment
- World-class customer service

LOAD BALANCER FEATURES	LEVEL 1	LEVEL 2	LEVEL 3
Hardware SSL Acceleration	N/A	x	✓
SSL Offloading/Acceleration	N/A	200 TPS	200+ TPS
SSL Offloading	x	✓	✓
High Availability	N/A	✓	✓
Cookie Persistence	N/A	✓	✓
Vlan Support	10 Vlans	N/A	100 Vlans
Direct Server Return	✓	✓	✓
Layer 7 Load Balancing	✓	✓	✓
Maximum Virtual Servers	100	200	400
Layer 4 Load Balancing	✓	✓	✓
“Real” Server Support	40	50	300
Maximum Throughput	200Mbps	400Mbps	550Mbps
Firewall Functionality (No VPN)	✓	x	✓

Carpathia Hosting is a leading provider of managed hosting services, delivering secure, reliable and compliant IT infrastructure and management for some of the world's most demanding enterprises and federal agencies. Founded in 2003, Carpathia is a growing, profitable business run by a seasoned management team with deep experience in delivering enterprise hosting solutions including colocation, managed services and cloud computing. Carpathia's suite of services is designed for organizations seeking scalable, secure, robust and enterprise-grade hosting solutions that can be quickly provisioned or tailored to meet unique requirements. Backed by its E3 Promise, Carpathia consistently delivers an experience that exceeds customers' expectations. Carpathia qualifies as a small business. Contact Carpathia at 1.888.200.9494, or visit www.carpathia.com for more information. References to other products are made to show compatibility. All companies and/or products mentioned in this document are registered or trademarked by their respective organizations. The inclusion of third party products does not infer endorsement by these parties, unless otherwise noted.