Highly demanding enterprise networks require full-featured application delivery that optimizes application load balancing and performance while providing protection from an ever-expanding list of intrusions and attacks.

**The Barracuda Advantage**
- Proven technology that has blocked more than 11 billion real-world attacks
- High-performance platform designed for data centers
- GeoIP-based application control
- Pre-built application templates for rapid deployment
- Available as a virtual appliance

**Product Spotlight**
- Multiport platform with fiber and copper network interfaces
- Advanced Layer 4 & Layer 7 load balancing
- SSL offloading & application acceleration
- Global Server Load Balancing for application delivery across data centers
- Comprehensive attack protection and Data Loss Prevention

**Acceleration**
The Barracuda Load Balancer ADC is ideal for optimizing application performance. It offloads compute-intensive SSL transactions from the server, preserving resources for applications. In addition, optimization features such as caching, compression, and TCP pooling enable faster application delivery and ensure scalability.

**Availability**
Using health and performance checks, the Barracuda Load Balancer ADC distributes traffic for efficient use of server resources and employs server failover for high availability. Global Server Load Balancing allows redundancy across multiple sites enhancing availability and speeding disaster recovery.

**Control**
Content routing and content rewrites enable full control of application traffic and customized application delivery based on users, regions, and/or devices. Client controls gives administrators the ability to throttle requests to ensure application availability even during periods of heavy traffic.

**Security**
Application Security provides superior protection against data loss, DDoS, and all known application-layer attack modalities. Automatic updates ensure comprehensive security for existing and emerging Layer 7 threats such as Cross-site Scripting (XSS), SQL injections (SQLi), and Cross-site Request Forgery (CSRF).

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*Jeff Sharp*

Network & Communications Director

Liberty Tax Service

*Barracuda has simplified everything. We set up two appliances within four hours, and the solution works great—for a fraction of what our previous solution cost.*
Specifications subject to change without notice.

**Technical Specs**

**Availability**
- Load Balancing: Layer 4 & Layer 7 load balancing
- IPv6/IPv4 support
- Active/passive high availability
- Default load balancing:
  - Round robin
  - Weighted round robin
  - Least connection
- Adaptive load balancing by CPU load, URL load, and terminal sessions
- Session and service group persistence
- Server health check and monitoring

**Application Traffic**
- POP3

**SSL offloading**
- Application traffic:
  - Layer 7 content-based routing
  - Request/response rewrite
- Client & user limits:
  - Brute-force
  - Rate control
  - GeoIP reputation

**Control**
- Layer 4 ACL
- VLAN, NAT

**Network Security**
- Layer 4 ACL
- SSL offloading
- Caching & compression
- TCP connection pooling

**Application Security**
- Connection logs
- Audit logs
- Access logs
- Web Firewall logs
- Interactive and scheduled reports
- SNMP monitoring

**Authentication/Authorization**
- LDAP
- RADIUS
- Kerberos
- Two-factor authentication

**Supported Protocols**
- HTTP/S
- SSH
- SMTP
- IMAP
- POP3
- RDP
- NNTP
- VDI
- ASP
- WebSocket

**Management Features**
- Customizable role-based administration
- Centralized management
- Real-time traffic statistics
- Web firewall, access, audit, and system logs
- Certified deployments with third-party applications

**Energize Options**

**Instant Replacement Service**
- Unit replacement next business day
- 24x7 technical support
- Hardware refresh every four years

**Features**
- Availability:
  - Layer 4 Load Balancing
  - Layer 7 Load Balancing
  - High Availability Cluster
  - Global Server Load Balancing
  - Link Bonding
- Application Delivery:
  - SSL Offloading
  - Content Routing
  - AD and Kerberos Integration
  - HTTP Compression
  - Content Caching
  - Hardware Based SSL Offloading
  - SSL hardware acceleration
- Application Security:
  - Inbound Attack Protection
  - Outbound Data Theft Protection
  - Protection Against DDoS Attacks

**Specifications**

<table>
<thead>
<tr>
<th>MODEL COMPARISON</th>
<th>240</th>
<th>340*</th>
<th>440*</th>
<th>540*</th>
<th>640*</th>
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<th>642</th>
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<td>Maximum Throughput</td>
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**License**

Bearer License

*Select Models Available as Virtualized Appliances

¹The SSL TPS numbers are based on a single handshake per transaction

Specifications subject to change without notice.