

# Barracuda Load Balancer ADC

Application Delivery Controller for Availability, Acceleration, and Control



Highly demanding enterprise networks require full-featured application delivery that **optimizes application load balancing and performance on Amazon Web Services.**

- Security
- Storage
- ☑ **Application Delivery**

## 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

- Multiprotocol 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.



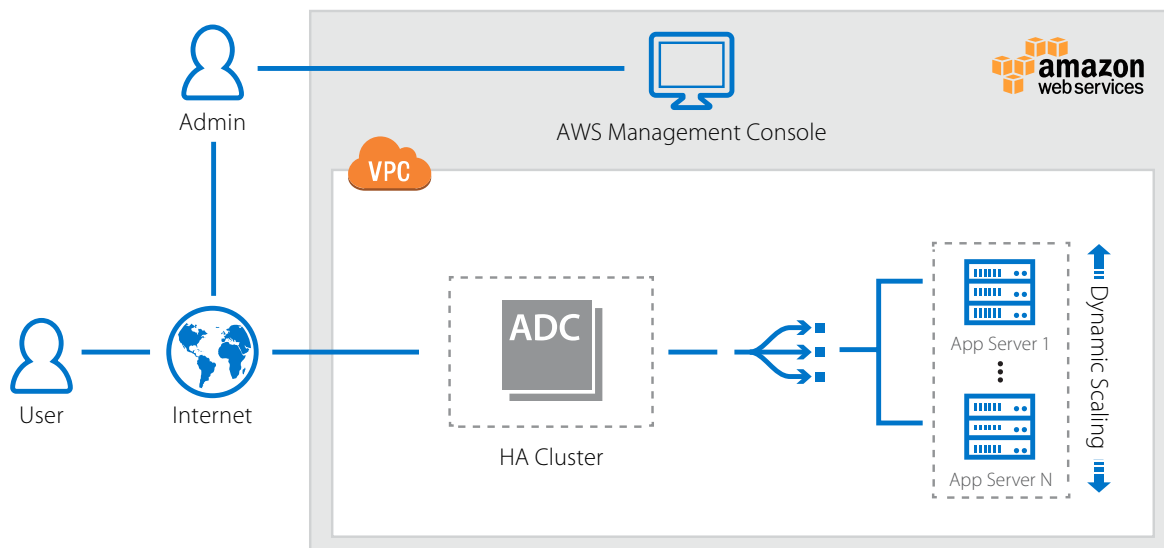
### Availability

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.



*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.*

*Jeff Sharp  
Network & Communications Director  
Liberty Tax Service*

## 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

#### Global Server Load Balancing:

- By priority, geographic IP, and region
- Health checks between multiple sites

## 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

### Acceleration

- SSL offloading
- Caching & compression
- TCP connection pooling

### Control

- Application traffic
  - Layer 7 content-based routing
  - Request/response rewrite
- Client & user limits
  - Brute-force
  - Rate control
  - GeolP reputation
- Barracuda Web Security Gateway integration

## Support Options

### Energize Updates

- Firmware updates
- Application Security updates
- Standard technical support

### Application Security

- Security policies out of the box
- Website cloaking
- Form field metadata violation
- Protection against common attacks
  - OWASP Top 10
  - SQL injections
  - Cross-site Scripting
  - Cookie or form tampering
- Data Loss Prevention (DLP)
  - Credit card & SSN numbers
  - Custom patterns
- Granular policy management

### Logging, Monitoring and Reporting

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

### Authentication/Authorization

- LDAP
- RADIUS
- Kerberos
- Two-factor authentication

### Network Security

- Layer 4 ACL
- VLAN, NAT

### Supported Protocols

- HTTP/S
- SSH
- SMTP
- IMAP
- POP3
- NNTP
- ASP
- DNS
- LDAP
- RADIUS
- TFTP
- RDP
- WebSocket
- Windows Terminal Services
- Any TCP/UDP application

MODEL COMPARISON	M3 MEDIUM	M3 LARGE/M4 LARGE	M3 XLARGE/M4 XLARGE
CAPACITY	LEVEL 3	LEVEL 4	LEVEL 6
AWS Container Size	m3.medium	m3.large	m3.xlarge
<b>FEATURES</b>			
<b>Administration</b>			
Role-Based Administration	•	•	•
Connection Logging		•	•
Enhanced Reporting	•	•	•
SNMP Monitoring		•	•
REST API		•	•
<b>Availability</b>			
Layer 4 Load Balancing	•	•	•
Layer 7 Load Balancing			•
High Availability Cluster		•	•
Global Server Load Balancing (GSLB)		•	•
<b>Application Delivery</b>			
SSL Offloading		•	•
Content Routing		•	•
AD & Kerberos Integration		•	•
Content Caching		•	•
<b>Application Security</b>			
Inbound Attack Protection			•
Outbound Data Theft Protection			•
Protection Against DDoS Attacks			•

Specifications subject to change without notice.