Barracuda **Load Balancer ADC**

Application Delivery Controller for Availability, Acceleration, and Control

Barracuda

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

☐ 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

- 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.
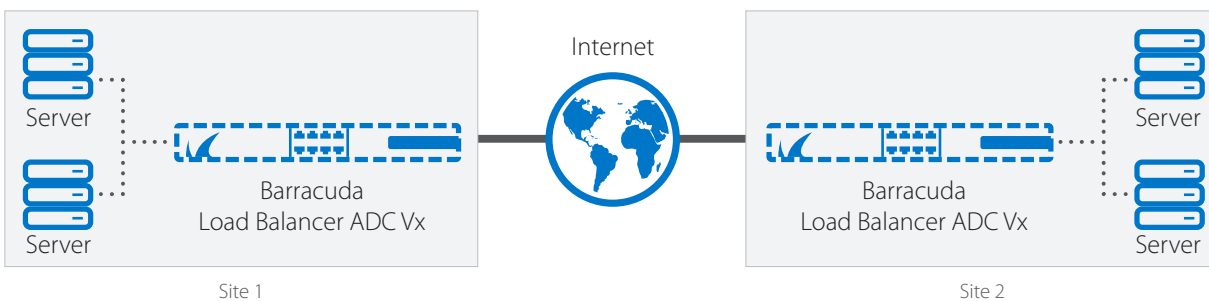
Availability

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.

amazon web services

Server

Server

Barracuda
Load Balancer ADC Vx

Site 1

Internet

Barracuda
Load Balancer ADC Vx

Server

Server

Site 2

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 persistence
- Server health check and monitoring

Global Server Load Balancing:
- By priority, geographic IP, and region
- Health checks between multiple sites

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
    - GeoIP reputation

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
- Windows Terminal Services
- Any TCP/UDP application

Management Features
- Real-time traffic statistics
- Web firewall, access, audit, and system logs
- Certified deployments with third-party applications

Support Options

Energize Updates
- Firmware updates
- Application Security updates
- Standard technical support

MODEL COMPARISON	M1 SMALL	M1 MEDIUM	M1 LARGE
CAPACITY	**LEVEL 3**	**LEVEL 4**	**LEVEL 6**
Virtual Cores	2	2	4
Throughput	300 Mbps	900 Mbps	5 Gbps
Real Server Support	35	50	500
SSL Offloading/Acceleration	500	6,000	15,000
FEATURES			
Availability			
Layer 4 Load Balancing	●	●	●
Direct Server Return	●	●	●
Layer 7 Load Balancing	●	●	●
High Availability Cluster	●	●	●
Global Server Load Balancing	●	●	●
Acceleration			
SSL Offloading	●	●	●
Content Routing	●	●	●
HTTP Compression	●	●	●
Content Caching	●	●	●

*Select Models Available as Virtualized Appliances   Specifications subject to change without notice.