

Barracuda Load Balancer ADC Vx

Secure Application Delivery Controller for Availability, Acceleration, and Control



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.**

- ✓ 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

Product Spotlight

- 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.



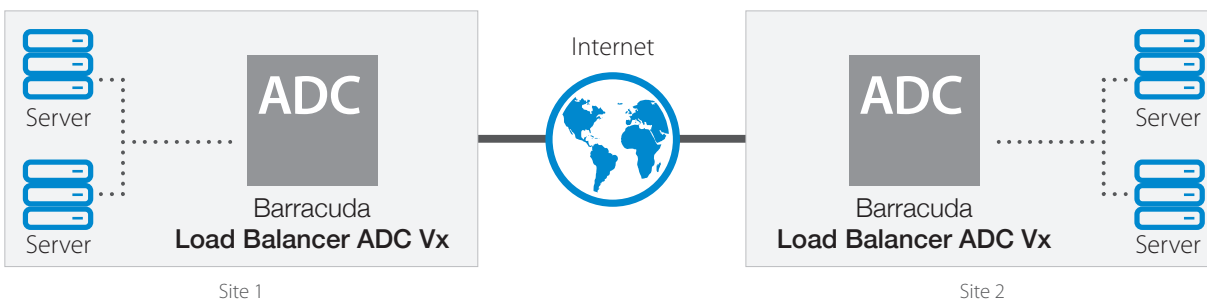
Control

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).



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
 - GeolIP reputation

Logging, Monitoring and Reporting

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

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

Hypervisor Support

- VMware ESX/ESXi
- VMware Server/Fusion/Workstation/Player
- Citrix XenServer
- Microsoft Hyper-V
- Oracle VirtualBox

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

Support Options

Energize Updates

- Firmware updates
- Application security updates
- Standard technical support

MODEL COMPARISON	V340	V440	V540	V640
CAPACITY				
CPU Cores Allowed	2	4	5	6
Maximum Throughput	300 Mbps	900 Mbps	2 Gbps	5 Gbps
FEATURES				
Administration				
Role Based Administration	•	•	•	•
Connection Logging			•	•
Enhanced Reporting	•	•	•	•
SNMP Monitoring	•	•	•	•
REST API	•	•	•	•
Availability				
Layer 4 Load Balancing	•	•	•	•
Direct Server Return	•	•	•	•
Layer 7 Load Balancing	•	•	•	•
High Availability Cluster	•	•	•	•
Global Server Load Balancing (GSLB)		•	•	•
VLAN	•	•	•	•
Link Bonding		•	•	•
Application Delivery				
SSL Offloading	•	•	•	•
Content Routing	•	•	•	•
AD & Kerberos Integration	•	•	•	•
HTTP Compression		•	•	•
Content Caching		•	•	•
SSL Hardware Acceleration				
Application Security				
Inbound Attack Protection			•	•
Outbound Data Theft Protection			•	•
Protection Against DDoS Attacks			•	•

Specifications subject to change without notice.