



## Barracuda Load Balancer

Powerful, easy to use and affordable solution for distributing network traffic across multiple servers.

Designed to achieve high availability and security objectives, the Barracuda Load Balancer integrates server load balancing and network intrusion prevention into an affordable and easy-to-use solution. The Barracuda Load Balancer provides distribution of traffic across multiple servers, integrated protection from network intrusions and comprehensive failover capabilities in case of server failure. With no per server or per port license fees, the Barracuda Load Balancer offers the most affordable solution for scaling and protecting mission-critical data centers.

### High Availability and Scalability

For high traffic environments, the Barracuda Load Balancer can distribute traffic based on several scheduling algorithms, including round robin, server weighting and least connections. For applications requiring persistence, the Barracuda Load Balancer can maintain state using client IP addresses and client cookies.

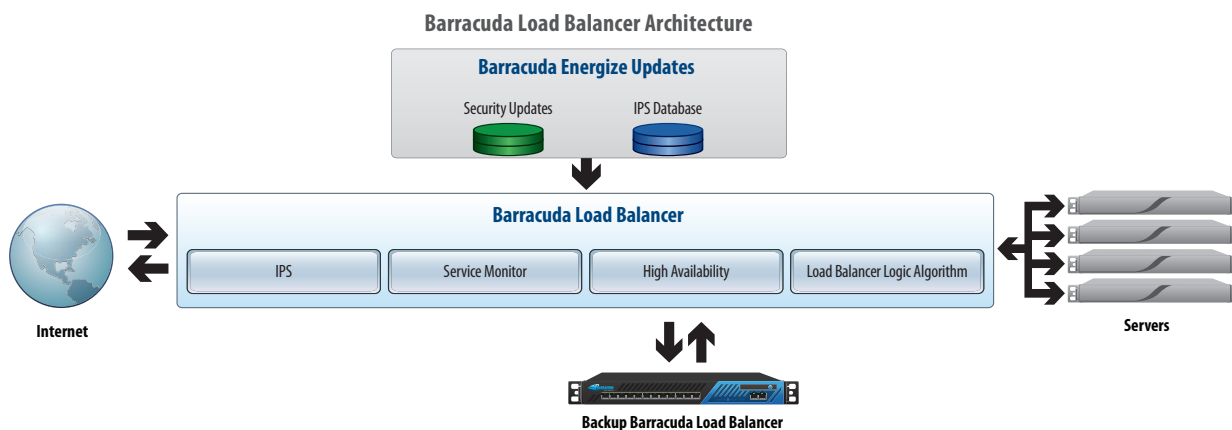
The Barracuda Load Balancer's integrated Service Monitor ensures that servers and their associated applications are always operational. In the event of server or application outage, the Barracuda Load Balancer facilitates automatic failover among servers to ensure continuous availability. To mitigate risks associated with failures of the load balancers themselves, two Barracuda Load Balancers can be deployed in an active/passive configuration.

Service Name	Virtual IP	Port	Real Servers
Corporate HTTP	216.129.105.232	TCP 80	10.7.7.101, 10.7.7.102, 10.7.7.103
Corporate HTTPS	216.129.105.232	TCP 443	10.7.7.101, 10.7.7.102, 10.7.7.103
BQ Admin	216.129.105.232	TCP 444	10.7.7.10
POP 3 Mail	216.129.105.232	TCP 110	10.7.7.10
SMTP	216.129.105.232	TCP 25	10.7.7.10

The Barracuda Load Balancer distributes traffic for multiple services, including Web, email and other network applications.

### Ease of Use and Maintenance

To minimize ongoing administration associated with security, the Barracuda Load Balancer automatically receives Energize Updates for the latest intrusion prevention definitions and security updates. Energize Updates are distributed hourly by Barracuda Central, an advanced technology center where engineers continuously monitor and alleviate the latest Internet threats.



BARRACUDA LOAD BALANCER

MODEL  
240  
340  
440  
640



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## Typical Deployment



## TECHNICAL SPECIFICATIONS

### Key Features

#### LOAD BALANCING

- Layer 4 & Layer 7 load balancing
- Layer 4 session persistence
- Layer 7 cookie persistence
- Route-Path & Bridge-Path support
- Direct Server Return mode
- Server health monitoring
- Server weighting
- Least connection and round-robin support
- Adaptive scheduling
- Custom Health Checking

#### PERFORMANCE AND AVAILABILITY

- High availability
- Server failure detection
- Gigabit wire speed throughput
- Add/remove servers on the fly
- Server maintenance mode

#### MANAGEMENT AND USABILITY

- Easy Web-based user interface
- Health monitoring
- Performance monitoring
- SNMP support
- Automated updates
- ACL and SSL protected

#### MANAGEMENT AND USABILITY (cont.)

- Traffic statistics
- Automated configuration backups
- Auto-discovery mode
- No per port or per server restrictions
- Application Programming Interface (API)
- Point and click firmware updates

#### SUPPORTED PROTOCOLS

- HTTP
- HTTPS (SSL)
- SSH
- SMTP
- IMAP
- RDP (Windows Terminal Services)
- POP3
- NNTP
- ASP
- Streaming media
- DNS
- LDAP
- RADIUS
- TFTP
- Other TCP/UDP services

#### SECURITY

- Built-in IPS and exploit protection

#### SECURITY (cont.)

- Automated IPS definition updates
- Service level ACL
- DDoS Protection

### Hardware

#### CONNECTORS

- VGA
- PS/2 keyboard/mouse
- Ethernet (see chart below)
- Serial port (DB-9)

#### POWER REQUIREMENTS

- AC input voltage 100-240 volts
- Frequency 50/60 Hz

### Support Options

#### ENERGIZE UPDATES SUBSCRIPTION

- Standard technical support
- Daily intrusion prevention updates
- Firmware updates
- Security updates

#### INSTANT REPLACEMENT SERVICE

- Replacement unit shipped next business day
- 24x7 technical support

MODEL COMPARISON	MODEL 240	MODEL 340	MODEL 440	MODEL 640
<b>CAPACITY*</b>				
Maximum Throughput	95 Mbps	950 Mbps	950 Mbps	950 Mbps
Real Server Support	10	35	50	250
SSL Offloading/Acceleration		150 TPS	200 TPS	2,000 TPS
<b>HARDWARE</b>				
Rackmount Chassis	1U Mini	1U Mini	1U Mini	1U Fullsize
Dimensions (in.)	16.8 x 1.7 x 14	16.8 x 1.7 x 14	16.8 x 1.7 x 14	16.8 x 1.7 x 22.6
Dimensions (cm.)	42.7 x 4.3 x 35.6	42.7 x 4.3 x 35.6	42.7 x 4.3 x 35.6	42.7 x 4.3 x 57.4
Weight (lbs./kg.)	12 / 5.4	12 / 5.4	12 / 5.4	26 / 11.8
Ethernet	2 x 10/100	2 x Gigabit	2 x Gigabit	14 x Gigabit
AC Input Current (Amps)	1.0	1.2	1.4	1.8
ECC Memory				✓
<b>FEATURES</b>				
Layer 4 Load Balancing	✓	✓	✓	✓
Direct Server Return	✓	✓	✓	✓
Intrusion Prevention	✓	✓	✓	✓
High Availability		✓	✓	✓
Layer 7 Load Balancing		✓	✓	✓
Cookie Persistence		✓	✓	✓
SSL Offloading		✓	✓	✓
Programming Interface/API			✓	✓
Hardware SSL Acceleration				✓

US 10.0

Specifications subject to change without notice.

\*Capacity depends on environment and selected options.