

# Barracuda Link Balancer

Cost-Effective Internet Performance and Availability



As data traffic grows exponentially – and organizations grow ever more dependent on continuous connectivity – the ability to **intelligently and dynamically balance traffic across multiple Internet links** is critical to efficiently maintain day-to-day operations. The Barracuda Link Balancer deploys transparently in front of legacy firewalls that cannot handle such requirements.<sup>1</sup>

- Security
- Data Protection
- ✓ **Application Delivery**

## The Barracuda Advantage

- Deploys rapidly while retaining existing firewall and router settings
- Inbound link load balancing using authoritative DNS
- Automatic VPN failover and failback between Internet links
- Application-aware traffic shaping across Internet links

## Product Spotlight

- Dynamic link load balancing and failover across multiple ISPs
- Ensure's maximum Internet uptime and high availability
- Real-time visibility into health, performance, and utilization of Internet links



For information on Barracuda Firewalls, which include link balancing, see the Barracuda Firewall and Barracuda NG Firewall datasheets.



### Cost-Effective Internet Continuity

Internet continuity is just as important as application and data availability in a business continuity plan. The Barracuda Link Balancer provides: automatic Internet link monitoring and failover, which prevents Internet downtime and lost employee productivity during ISP outages. Key services such as web, voice, and email continue to be available to customers and partners, protecting the business and brand.



### Scale Bandwidth and Performance

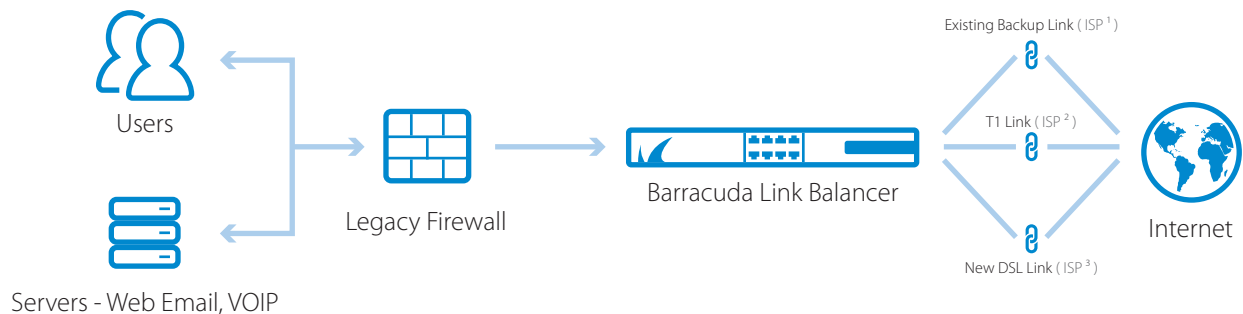
Scale bandwidth and increase reliability without purchasing expensive backup lines. Transparent switching and failover across multiple Internet links based on active monitoring of link health and performance guarantee maximum speed and reliability. Application-aware traffic shaping allows granular bandwidth prioritization for critical Internet applications and infrastructure across one or more Internet links.



### Quick Return on Investment

The Barracuda Link Balancer is affordably priced, without any per-user or per-port fees. Drop-in, transparent deployment ensures rapid installation with minimal disruptions to existing network infrastructure. It provides immediate return on investment by allowing the provisioning of underutilized backup links or the use of low-cost Internet links instead of expensive T1 lines – while making Internet connectivity more reliable.

## The Barracuda Link Balancer manages multiple concurrent Internet connections



*The Barracuda Link Balancer offers by far the most comprehensive feature set and the best support at an unbeatable price.*

*Rob Eden  
Network Administrator, Europa House*

## Features

### Link Balancing

- WAN and Internet connection link balancing
- Inbound link balancing
- Automated link failover and failback
- Link health monitoring
  - Ping
  - HTTP
  - DNS
  - TCP port checking
- Link speed assignment and weighting
- Transparent "drop in" mode

### Basic Firewall Functions

- Network Address Translation (NAT)
- 1:1 NAT
- Port forwarding
- Firewall IP Access Control Lists (ACLs) and rules
- Firewall transparency

### Network Services

- DHCP server
- Authoritative DNS server
- DNS request forwarding
- Site-to-site VPN
- Outbound Source NAT
- VLAN support

### Bandwidth Management and Quality of Service (QoS)

- Application-based priority assignments
- Custom port-based application definition
- Preconfigured protocols:
  - Web
  - Email
  - FTP
  - DNS
  - Network Authentication
  - Terminal Services
  - SIP

## System Features

### Administrators

- Web-based interface
- Traffic and performance monitoring
- Event logging
- SNMP support
- Secure remote administration
- Reporting

## Support Options

### Barracuda Energize Updates

- Firmware updates
- Security updates
- Standard technical support

### Instant Replacement Service

- Replacement unit shipped next business day
- 24x7 technical support
- Hardware refresh every four years

MODEL COMPARISON	230	330	430
<b>CAPACITY</b>			
Internet Link Connections	2	3	7
Maximum Throughput	150 Mbps	300 Mbps	550 Mbps
Recommended Number of Site-to-Site VPN Peers*	10	20	35
<b>HARDWARE</b>			
Rackmount Chassis	1U Mini	1U Mini	1U Mini
Dimensions (in)	16.8 x 1.7 x 9	16.8 x 1.7 x 14	16.8 x 1.7 x 14
Weight (lbs)	8	12	12
Ethernet	3 x 1 Gigabit	5 x 1 Gigabit	9 x 1 Gigabit
Ethernet Passthrough		1 x Gigabit	1 x Gigabit
AC Input Current (amps)	1.0	1.2	1.2
<b>FEATURES</b>			
Transparent "Drop-in" Deployment	●	●	●
Link Balancing	●	●	●
Link Health Monitoring	●	●	●
Link Failover	●	●	●
Network Traffic Firewall	●	●	●
Built-in DHCP Server	●	●	●
Built-in Authoritative DNS	●	●	●
SNMP	●	●	●
Site-to-Site VPN	●	●	●
Bandwidth Management and QoS	●	●	●
Ethernet Bypass Hardware		●	●
Clustering/High Availability		●	●
Reporting		●	●
Customizable Branding		●	●

Specifications subject to change without notice.

\*Multiple subnets (phase 2 entries) to a peer will reduce capacity. Max subnets supported to the same peer is 3.