Barracuda Link Balancer

Powerful and easy-to-use solution for routing and managing traffic across multiple Internet connections.

Designed to scale for high bandwidth requirements and provide business continuity for an organization of any size, the Barracuda Link Balancer optimizes the use of multiple Internet links, such as T1s, T3s, DSL and cable connections. By combining links from one or multiple Internet service providers, organizations reduce the need to purchase high cost links to handle the daily Internet usage. Capable of automatic failover in the event of link failure, the Barracuda Link Balancer helps assure that your network is always connected to the Internet.

Simple Bandwidth Management for High Availability

For today's organizations, Internet bandwidth and availability is mission critical to day-to-day operations. The Barracuda Link Balancer aggregates client and server Internet bandwidth to provide optimal access to multiple high speed connections. With bandwidth management and Quality of Service (QoS) features, the Barracuda Link Balancer prioritizes bandwidth to mission critical requests for Internet connectivity.

The Barracuda Link Balancer provides administrators with tools to automatically prioritize critical Internet applications. For example, Web browsing and email can be guaranteed bandwidth while peer-to-peer applications and media streaming can be assigned a lower priority. The flexibility to manage priority of Internet usage ensures low-priority bandwidth-intensive applications never interfere with business-critical operations. The Barracuda Link Balancer also includes a network firewall capable of enforcing access control lists (ACLs), port forwarding, NAT and DNS forwarding.
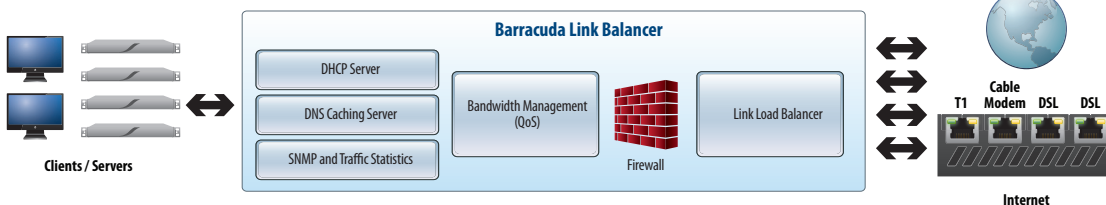
Ease of Use and Administration

Installed at the network perimeter, administrators can deploy the Barracuda Link Balancer without a separate network firewall to consolidate the management of network security and traffic aggregation into one appliance. With an easy-to-use Web user interface, the Barracuda Link Balancer allows administrators to easily define, manage and control bandwidth settings across the network.

The Barracuda Link Balancer routes and manages traffic across multiple Internet connections from one or multiple service providers.
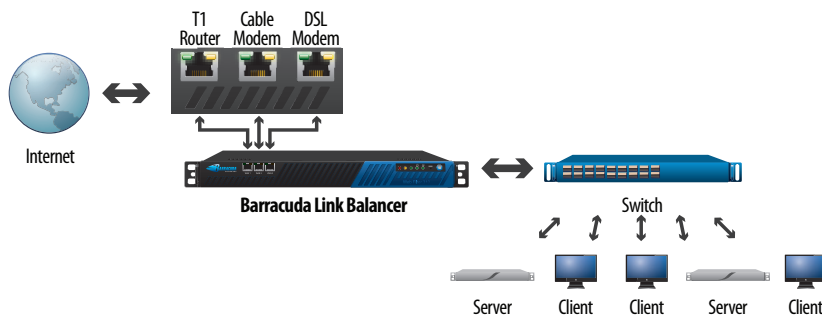
BARRACUDA LINK BALANCER

MODEL
230
330
430

Barracuda Link Balancer Architecture

Internet ↔ T1 Router | Cable Modem | DSL Modem

Barracuda Link Balancer ↔ Switch

Server | Client | Client | Server | Client

BARRACUDA LINK BALANCER

TECHNICAL SPECIFICATIONS

Security Features

LINK BALANCING
- WAN and Internet connection link balancing
- Traffic aggregation
- Automated link detection and failover
- Link health monitoring
- Link speed assignment and weighting

TRADITIONAL FIREWALL
- Network Address Translation (NAT)
- 1:1 NAT
- Port forwarding
- Firewall IP Access Control Lists (ACLs) and rules
- DDoS protection

LOCAL NETWORK SERVICES
- DHCP server
- DNS caching server
- DNS request forwarding

BANDWIDTH MANAGEMENT AND QUALITY OF SERVICE (QOS)
- Application-based priority assignments
- Custom port-based application definition
- Simple three-tier priority settings
- Preconfigured protocols:
  - Web
  - Email
  - FTP
  - DNS
  - Network Authentication
  - Terminal Services
  - SIP

System Features

ADMINISTRATORS
- Web-based interface
- Traffic and performance monitoring
- SNMP support
- Secure remote administration

Hardware Features

CONNECTORS
- Standard 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
- Firmware maintenance
- Security updates

INSTANT REPLACEMENT SUBSCRIPTION
- Replacement unit shipped next business day
- 24x7 technical support

MODEL COMPARISON	MODEL 230	MODEL 330	MODEL 430
CAPACITY*			
Internet Link Connections	2	3	6
Maximum Throughput	35 Mbps	65 Mbs	250 Mbs
HARDWARE			
Rackmount Chassis	1U Mini	1U Mini	1U Mini
Dimensions (in.)	16.8 x 1.7 x 14	16.8 x 1.7 x 14	16.8 x 1.7 x 14
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
Weight (lbs. / kg.)	12 / 5.4	12 / 5.4	12 / 5.4
Ethernet	3 x 10/100	4 x 10/100	6 x 10/100 1 x Gigabit
AC Input Current (Amps)	1.0	1.2	1.2
FEATURES			
Link Balancing	✓	✓	✓
Link Health Monitoring	✓	✓	✓
Link Failover	✓	✓	✓
Traffic Aggregation	✓	✓	✓
Network Traffic Firewall	✓	✓	✓
Local DHCP and DNS	✓	✓	✓
Web-based Traffic Statistics	✓	✓	✓
SNMP	✓	✓	✓
Automated WAN Provisioning	✓	✓	✓
Bandwidth Management and QoS		✓	✓
Customizable Branding			✓
API			✓

US 10.0   Specifications subject to change without notice.   *Capacity depends on environment and selected options.

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