



Barracuda Web Application Firewall

Powerful, application-layer security for Web servers.

The Barracuda Web Application Firewall protects your Web sites and Web applications from attackers leveraging protocol or application vulnerabilities to instigate data theft, denial of service or defacement of your Web site. Unlike traditional network firewalls or intrusion detection systems that simply pass HTTP, HTTPS or FTP traffic for Web applications, the Barracuda Web Application Firewall proxies this traffic and inspects it for attacks to insulate your Web servers from direct access by hackers.

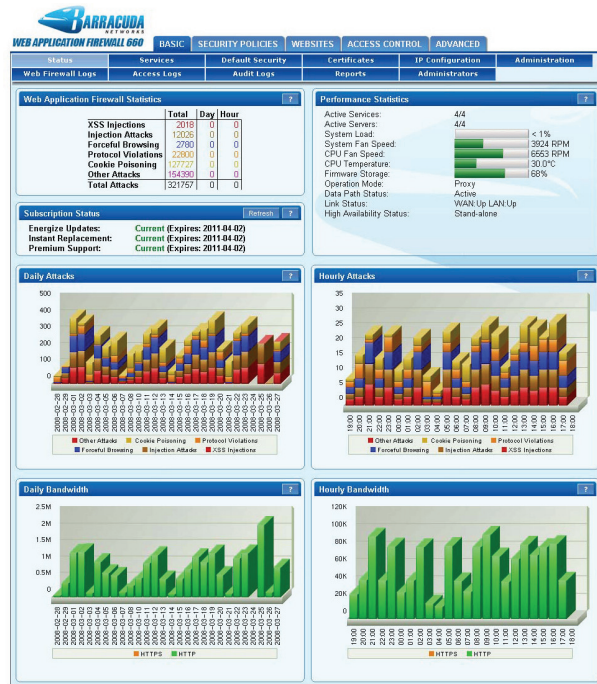
Comprehensive Web Site Protection

The Barracuda Web Application Firewall provides award-winning protection from all common attacks on Web applications, including SQL injections, cross-site scripting attacks, session tampering and buffer overflows. As a full proxy, the Barracuda Web Application Firewall blocks or cloaks attacks, while preventing sensitive outbound data leakage, such as credit card or Social Security numbers.

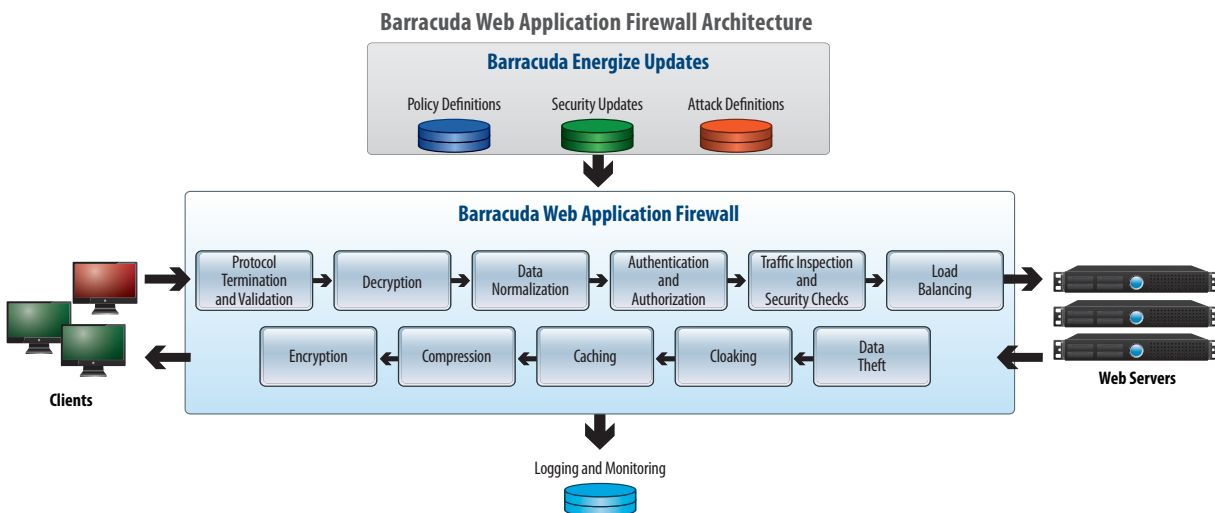
In addition, the Barracuda Web Application Firewall mitigates broken access control to applications by preventing cookie tampering and corruption of an application's access control system. Unlike intrusion detection systems that only analyze byte patterns, the Barracuda Web Application Firewall terminates HTTP traffic on behalf of the Web server to decode character sets, remove padded spacing and normalize against common obfuscation techniques. For added security, the Barracuda Web Application Firewall provides full PKI integration for use with client certificates to verify identities of clients accessing the Web applications.

Advanced Traffic Management and Acceleration

To minimize ongoing administration associated with security, the Barracuda Web Application Firewall automatically receives Energize Updates for the latest policy definitions, security updates and attack definitions. The Barracuda Web Application Firewall also integrates application delivery capabilities, including SSL offloading, SSL acceleration and load balancing. With the Barracuda Web Application Firewall, you not only secure your Web applications but increase both their performance and availability.



The Barracuda Web Application Firewall monitors and tracks common application attacks, performance statistics, subscription status and bandwidth usage.



BARRACUDA WEB APPLICATION FIREWALL

MODEL
360
460
660
860
960



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Internet



Network Firewall



Typical Deployment



Barracuda Web Application Firewall



Web Server

TECHNICAL SPECIFICATIONS

Key Features

WEB APPLICATION SECURITY

- HTTP/HTTPS/FTP protocol validation
- Protection against common attacks
 - SQL injection
 - OS command injection
 - Cross-site scripting
 - Cookie or forms tampering
- Form field meta data validation
- Web site cloaking
- Response control
 - Block client
 - Reset connection
 - Redirect
- Outbound data theft protection
 - Credit card numbers
 - Social Security numbers
 - Custom pattern matching (regex)
- Granular policies to HTML elements
- AV for file uploads

WEB APPLICATION SECURITY (cont.)

- Protocol limit checks
- File upload control
- Brute force protection
- Session tracking

AUTHENTICATION AND AUTHORIZATION

- LDAP/RADIUS/local user database
- Client certificates
- Single Sign-On

LOGGING, MONITORING AND REPORTING

- System log
- Web Firewall log
- Access log
- Audit log
- PCI reports
- Syslog/FTP support

APPLICATION DELIVERY AND ACCELERATION

- High availability
- SSL offloading
- Load balancing
- Hardware SSL acceleration
- Caching
- Compression
- Content routing

XML FIREWALL

- XML DOS protection
- Schema / WSDL enforcement
- WS-I conformance checks

System Features

- Graphical user interface
- Secure remote administration
- Ethernet hard bypass ("fail open")
- Shared policies
- Trusted host exemption

Hardware Features

CONNECTORS

- Ethernet
 - LAN port (1 Gigabit)
 - WAN port (1 Gigabit)
- Serial port (DB-9) for console

POWER REQUIREMENTS

- AC Input Voltage - 110-240 V AC
- Frequency - 50 / 60 Hz

Support Options

ENERGIZE UPDATES SUBSCRIPTION

- Standard technical support
- Policy definitions
- Security updates
- Attack definitions

INSTANT REPLACEMENT SERVICE

- Replacement unit shipped next business day
- 24x7 Technical Support

MODEL COMPARISON	MODEL 360	MODEL 460	MODEL 660	MODEL 860	MODEL 960
CAPACITY*					
Backend Servers Supported	1-5	5-10	10-25	25-150	150-300
Inbound Web Traffic (Mbps)	25	50	100	600	900
HARDWARE					
Rackmount Chassis	1U Mini	1U Mini	1U Fullsize	2U Fullsize	2U Fullsize
Dimensions (in.)	16.8 x 1.7 x 14	16.8 x 1.7 x 14	16.8 x 1.7 x 22.6	17.4 x 3.5 x 25.5	17.4 x 3.5 x 25.5
Dimensions (cm.)	42.7 x 4.3 x 35.6	42.7 x 4.3 x 35.6	42.7 x 4.3 x 57.4	44.2 x 8.9 x 64.8	44.2 x 8.9 x 64.8
Weight (lbs. / kg.)	12 / 5.4	12 / 5.4	26 / 11.8	46 / 20.9	52 / 23.6
Front Ethernet Ports	2 x 10/100	2 x Gigabit	2 x Gigabit	2 x Gigabit	2 x Gigabit
Back Ethernet Ports	1 x 10/100	1 x 10/100	1 x Gigabit	1 x Gigabit	1 x Gigabit
AC Input Current (Amps)	1.2	1.4	1.8	4.1	5.4
ECC Memory			✓	✓	✓
FEATURES					
HTTP/HTTPS/FTP Protocol Validation	✓	✓	✓	✓	✓
Protection Against Common Attacks	✓	✓	✓	✓	✓
Form Field Meta Data Validation	✓	✓	✓	✓	✓
Web Site Cloaking	✓	✓	✓	✓	✓
Response Control	✓	✓	✓	✓	✓
Outbound Data Theft Protection	✓	✓	✓	✓	✓
Granular Policies to HTML Elements	✓	✓	✓	✓	✓
Protocol Limit Checks	✓	✓	✓	✓	✓
File Upload Control	✓	✓	✓	✓	✓
Logging, Monitoring and Reporting	✓	✓	✓	✓	✓
High Availability	✓	✓	✓	✓	✓
SSL Offloading	✓	✓	✓	✓	✓
Authentication and Authorization	✓	✓	✓	✓	✓
LDAP/RADIUS Integration	✓	✓	✓	✓	✓
Load Balancing	✓	✓	✓	✓	✓
Content Routing	✓	✓	✓	✓	✓
XML Firewall			✓	✓	✓

US 10.0

Specifications subject to change without notice.

*Capacity depends on environment and selected options.