Barracuda
Web Application Firewall

Protect applications and data from advanced threats.

The Barracuda Web Application Firewall blocks an ever-expanding list of sophisticated web-based intrusions and attacks that target the applications hosted on web servers and the sensitive or confidential data to which they have access. Placed between the Internet and web servers, the Barracuda Web Application Firewall scans all inbound web traffic to block attacks, and scans outbound traffic to provide highly effective data loss prevention.

The Barracuda Web Application Firewall simplifies application security so you can focus on your business. Its comprehensive feature set, versatile deployment options, and ease of use lets you automate many application security tasks, whether your web infrastructure lives on-site, in a virtualized environment, or in the cloud.
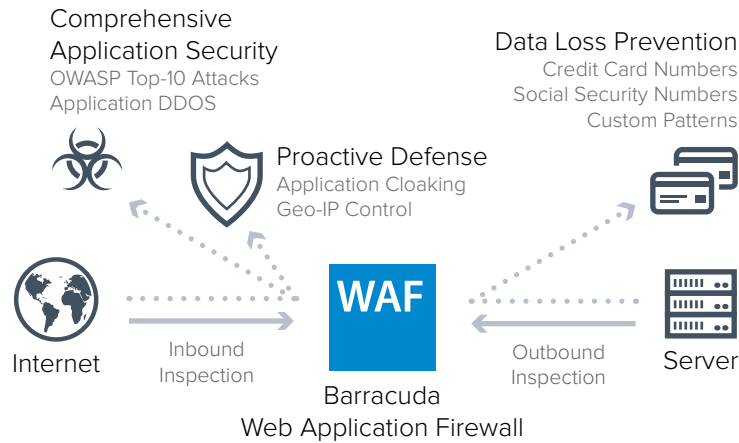
Get nonstop protection from evolving threats

The Barracuda Web Application Firewall provides superior protection against data loss, DDoS, and all known application-layer attack modalities. Automatic updates provide defense against new threats as they appear. As new types of threats emerge, it acquires new capabilities to block them.

Simplify identity and access management

The Barracuda Web Application Firewall has strong authentication and access control capabilities that ensure security and privacy by restricting access to sensitive applications or data to authorized users.

Make advanced web app security easy

Pre-built security templates and intuitive web interface provide immediate security without the need for time-consuming tuning or application learning. Integration with security vulnerability scanners and SIEM tools automates the assessment, monitoring, and mitigation process.

Comprehensive Application Security
OWASP Top-10 Attacks
Application DDOS

Data Loss Prevention
Credit Card Numbers
Social Security Numbers
Custom Patterns

Proactive Defense
Application Cloaking
Geo-IP Control

WAF

Internet

Inbound Inspection

Barracuda Web Application Firewall

Outbound Inspection

Server

Technical Specs

Web Application Security

- OWASP top 10 protection (including)
  - SQL injection
  - Cross-site scripting
  - Cookie or forms tampering
- Form field meta-data validation
- Adaptive security
- Website cloaking
- URL encryption
- Response control
- JSON payload inspection
- XML firewall
- Web scraping protection
- Network HSM Support (660 & above)
- Outbound data theft protection
  - Credit card numbers
  - Custom pattern matching (regex)
- Granular policies to HTML elements
- Protocol limit checks
- File upload control
- Geo IP location
  - Anonymous Proxy
- Tor Blocking

Networking

- VLAN, NAT
- Network ACLs
- Advanced routing

Supported Web Protocols

- HTTP/S 0.9/1.0/1.1/2.0
- WebSocket
- FTP/S
- XML
- IPv4/IPv6

Authentication

- LDAP/RADIUS
- Client Certificates
- SMS Passcode
- Single Sign-On
- Multi-Domain SSO

Advanced Authentication
(660 & above)

- Kerberos v5
- SAML
- Azure AD
- RSA SecurID

Application Delivery and Acceleration

- High availability
- SSL offloading
- Load balancing
- Content routing

DDoS Protection

- Integration with Barracuda NextGen Firewall to block malicious IPs
- Barracuda IP Reputation Database
- Heuristic Fingerprinting
- CAPTCHA challenges
- Slow Client protection
- ToR exit nodes
- Barracuda blacklist
- Volumetric DDoS protection[3]

SIEM Integrations

- HPE ArcSight
- RSA enVision
- Splunk
- Symantec
- Microsoft Azure Event Hub
- Custom

Logging, Monitoring and Reporting

- Barracuda IP Reputation Database
- Heuristic Fingerprinting
- CAPTCHA challenges
- Slow Client protection

Support Options

Instant Replacement Service

- Replacement unit shipped next business day
- 24/7 technical support
- Hardware refresh every four years

Barracuda Energize Updates

- Standard technical support
- Firmware and capability updates as required
- Automatic application definitions updates

Hardware Options

Optional Ethernet Bypass

Management Features

- Customizable role-based administration
- Vulnerability scanner integration
- Trusted host exception
- Rest API
- Custom Templates
- Interactive and scheduled reports

Model Comparison

	360	460	660
SPECIFICATIONS			
HTTP Transactions Per Second	8,000	15,000	30,000
HTTP Connections Per Second	2,000	3,000	10,000
HTTPS Transactions Per Second	2,500	4,000	12,000
Concurrent Connections	90,000	150,000	500,000
Throughput	25 Mbps	50 Mbps	200 Mbps
Backend Servers Supported	1-5	5-10	10-25
NETWORKING			
Advanced Routing	-	-	•
Multi-port Hardware	-	-	-
Link Bonding	-	-	-
HARDWARE			
RAID Type	-	-	1
ECC Memory	-	-	•
Management Port	10/100	10/100/1000	10/100/1000
Ethernet Ports	2 x 10/100 w/bypass CU	-	-
Gigabit Ethernet Ports	-	2 x GbE w/bypass CU	2 x GbE w/bypass CU
10 Gigabit Ethernet Ports	-	-	-
PHYSICAL			
Form Factor	1U - Mini	1U - Mini	1U
Dimensions (in)	17.2 x 1.7 x 14	17.2 x 1.7 x 14	17.2 x 1.7 x 22.6
Weight (lb)	12	12	26
Power Supply	1	1	1
AC Input (Amps)	1.2	1.4	1.8
Voltage	100-240V 50-60 Hz	100-240V 50-60 Hz	100-240V 50-60 Hz
Heat Output (BTU/Hr)	490	575	740
Operating Temperature	5°C-35°C (41°F-95°F)	5°C-35°C (41°F-95°F)	5°C-35°C (41°F-95°F)
Operational Relative Humidity	8% ~ 90% (non-condensing)	8% ~ 90% (non-condensing)	8% ~ 90% (non-condensing)
Safety Certifications	Available upon request	Available upon request	**Power Supply:** • USA - UL listed, FCC • Canada - CUL listed • Europe/CE Mark • EN 0950/ IEC 60950-Compliant

Model Comparison

	860	861	862
SPECIFICATIONS			
HTTP Transactions Per Second	90,000	90,000	90,000
HTTP Connections Per Second	16,000	16,000	16,000
HTTPS Transactions Per Second	30,000	30,000	30,000
Concurrent Connections	950,000	950,000	950,000
Throughput	1 Gbps	1 Gbps	1 Gbps
Backend Servers Supported	25-150	25-150	25-150
NETWORKING			
Advanced Routing	•	•	•
Multi-port Hardware	•	•	•
Link Bonding	•	•	•
Hardware			
ECC Memory	•	•	•
Management Port	10/100/1000	10/100/1000	10/100/1000
Ethernet Ports	-	-	-
Gigabit Ethernet Ports	8 x GbE CU	8 x GbE w/bypass CU	8 x GbE w/bypass SPF (MM)
10 Gigabit Ethernet Ports	-	-	-
PHYSICAL			
Form Factor	2U	2U	2U
Dimensions (in)	17.4x3.5x25.5	17.4x3.5x25.5	17.4x3.5x25.5
Weight (lb)	46	46	46
Power Supply	2	2	2
AC Input (Amps)	4.1	4.1	4.1
Voltage	100-240V 50-60 Hz	100-240V 50-60 Hz	100-240V 50-60 Hz
Heat Output (BTU/Hr)	1680	1680	1680
Operating Temperature	5°C-35°C (41°F-95°F)	5°C-35°C (41°F-95°F)	5°C-35°C (41°F-95°F)
Operational Relative Humidity	8% ~ 90% (non-condensing)	8% ~ 90% (non-condensing)	8% ~ 90% (non-condensing)
Safety Certifications	**Power Supply:**	• USA - UL listed • Canada - CUL listed • Germany - TUV Certified	• EN 60950/IEC 60950-Compliant • CB Report • CCC Certification

Model Comparison

	960	961	964
SPECIFICATIONS			
HTTP Transactions Per Second	180,000	180,000	180,000
HTTP Connections Per Second	30,000	30,000	30,000
HTTPS Transactions Per Second	50,000	50,000	50,000
Concurrent Connections	1.8M	1.8M	1.8M
Throughput	5 Gbps	5 Gbps	5 Gbps
Backend Servers Supported	150-300	150-300	150-300
NETWORKING			
Advanced Routing	•	•	•
Multi-port Hardware	•	•	•
Link Bonding	•	•	•
HARDWARE			
ECC Memory	•	•	•
Management Port	10/100/1000	10/100/1000	10/100/1000
Ethernet Ports	-	-	-
Gigabit Ethernet Ports	8 x GbE CU	8 x GbE w/bypass CU	8 x GbE w/bypass SPF (MM)
10 Gigabit Ethernet Ports	2 x 10 GbE CU	2 x 10 GbE w/bypass CU	2 x 10 GbE w/bypass SPF+ (MM)
PHYSICAL			
Form Factor	2U	2U	2U
Dimensions (in)	17.4 x 3.5 x 25.5	17.4 x 3.5 x 25.5	17.4 x 3.5 x 25.5
Weight (lb)	52	52	52
Power Supply	2	2	2
AC Input (Amps)	5.4	5.4	5.4
Voltage	100-240V 50-60 Hz	100-240V 50-60 Hz	100-240V 50-60 Hz
Heat Output (BTU/Hr)	2200	2200	2200
Operating Temperature	5°C-35°C (41°F-95°F)	5°C-35°C (41°F-95°F)	5°C-35°C (41°F-95°F)
Operational Relative Humidity	8% ~ 90% (non-condensing)	8% ~ 90% (non-condensing)	8% ~ 90% (non-condensing)
Safety Certifications	**Power Supply:**	• USA - UL listed • Canada - CUL listed • Germany - TUV Certified	• EN 60950/IEC 60950-Compliant • CB Report • CCC Certification

Model Comparison

	1060	1061	1062
SPECIFICATIONS			
HTTP Transactions Per Second	190,000	190,000	190,000
HTTP Connections Per Second	70,000	70,000	70,000
HTTPS Transactions Per Second	70,000	70,000	70,000
Concurrent Connections	2.8M	2.8M	2.8M
Throughput	10 Gbps	10 Gbps	10 Gbps
Backend Servers Supported	300-600	300-600	300-600
NETWORKING			
Advanced Routing	•	•	•
Multi-port Hardware	•	•	•
Link Bonding	•	•	•
HARDWARE			
ECC Memory	•	•	•
Management Port	10/100/1000	10/100/1000	10/100/1000
Ethernet Ports	-	-	-
Gigabit Ethernet Ports	16 x GbE CU	8 x GbE w/bypass CU	8 x GbE w/bypass Fiber
10 Gigabit Ethernet Ports	4 x 10 GbE CU	4 x 10 GbE w/bypass CU	4 x 10 GbE w/bypass Fiber
PHYSICAL			
Form Factor	2U	2U	2U
Dimensions (in)	17.4 x 3.5 x 25.5	17.4 x 3.5 x 25.5	17.4 x 3.5 x 25.5
Weight (lb)	52	52	52
Power Supply	2	2	2
AC Input (Amps)	5.4	5.4	5.4
Voltage	100-240V 50-60 Hz	100-240V 50-60 Hz	100-240V 50-60 Hz
Heat Output (BTU/Hr)	2200	2200	2200
Operating Temperature	5°C-35°C (41°F-95°F)	5°C-35°C (41°F-95°F)	5°C-35°C (41°F-95°F)
Operational Relative Humidity	8% ~ 90% (non-condensing)	8% ~ 90% (non-condensing)	8% ~ 90% (non-condensing)
Safety Certifications	**Power Supply:**	• USA - UL listed • Canada - CUL listed • Germany - TUV Certified	• EN 60950/IEC 60950-Compliant • CB Report • CCC Certification

Specifications subject to change without notice.

Barracuda.

Your journey, secured.