

# Barracuda Web Application Firewall

進階防禦網站應用及資料的最佳選擇



Barracuda 網站應用防火牆專責於保護WEB主機上的應用服務及敏感或機密資料，並進階攔截及控管日益複雜的WEB化網路入侵和攻擊行為

- ☑ Security
- ☐ Storage
- ☑ Application Delivery
- ☐ Productivity

## Barracuda產品優勢

- 運用反向代理(reverse-proxy)提供最先進的架構安全性
- 提供所有網站應用服務最安全的惡意軟體防護
- 採用IP信譽智能分析阻擋DDoS攻擊
- 不需額外使用人數或功能模組的授權費用
- 完全符合法規的設計，目的在讓企業可以更加容易遵從法規，如PCI DSS和HIPAA的規範
- 提供Cloud-based的Barracuda 弱點掃描管理，協助客戶進行漏洞檢測管理
- 自動漏洞修復功能

## 產品亮點

- 全面的inbound攻擊保護包括OWASP十大攻擊類別
- 內建暫存、壓縮和TCP pooling確保安全不受效能的影響
- 針對Web應用服務強化身份驗證的存取控制機制
- 內建資料外洩防護(DLP)
- ICSA認證



## 從不斷演化的威脅中提供持續性的保護

Barracuda Web應用防火牆提供優越的防護能力來對抗資料外洩、DDoS及所有已知針對應用層的攻擊方式。自動更新機制可以在新的威脅產生時提供防護，透過更新而獲得新的能力進行攔截封鎖。



## 身份驗證及存取管理

Barracuda Web應用防火牆有強大的身份驗證和存取控制功能，嚴格限制授權的用戶才能存取敏感的應用服務或資料來確保安全及機密性。



## 經濟實惠且容易使用

內建的安全樣本及直覺化的網頁介面提供即時性的安全，無需費時做設定調整或應用服務的學習。整合安全弱點掃描及資安事件管理平台(SIEM, Security Information Event Management)，可以自動進行評估設定、監控並且加速上線過程及緩解上線時的衝擊。

Protect servers, applications, and data from web-based attacks.



Internet



Barracuda Web Application Firewall



Servers



Inbound inspection for Layer 7 attacks



Outbound inspection to protect against data theft

隨著Barracuda Web的應用防火牆的上線後，我們展示給我們的客戶和合作夥伴，我們非常著重他們資料安全性。它讓我們的員工不用擔心後端主機的安全，可以更專注於為我們的合作夥伴和客戶提供優質的服務。

Michael Fainshtein  
Chief Technology Officer  
CredoRax.

## Technical Specs

### Web Application Security

- OWASP top 10 protection
- Protection against common attacks
  - 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
- Web scraping protection
- 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 & Authorization

- LDAP/RADIUS/local user database
- SAML 2.0
- Client certificates
- Single Sign-On
- Azure AD
- RSA SecurID
- CA SiteMinder
- SMS Passcode
- Kerberos v5
- Multi-Domain support

### Logging, Monitoring & Reporting

- System log
- Web Firewall log
- Access log
- Audit log

### SIEM Integrations

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

### Application Delivery & Acceleration

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

### XML Firewall

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

### DDoS Protection

- Barracuda IP Reputation Database
- Heuristic Fingerprinting
- CAPTCHA challenges
- Slow Client protection
- ToR exit nodes
- Barracuda blacklist

## 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	860	960
<b>CAPACITY</b>					
Backend Servers Supported	1-5	5-10	10-25	25-150	150-300
Throughput	25 Mbps	50 Mbps	200 Mbps	1 Gbps	5 Gbps
<b>HARDWARE</b>					
Form Factor	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
Weight (lb)	12	12	26	46	52
Data Path Ports	2 x 10/100	2 x GbE	2 x GbE	2 x GbE <sup>1</sup>	2 x 10GbE <sup>1</sup>
Management Port	1 x 10/100	1 x 10/100	1 x 10/100/1000	1 x 10/100/1000	1 x 10/100/1000
AC Input Current (amps)	1.2	1.4	1.8	4.1	5.4
ECC Memory					
<b>FEATURES</b>					
Response Control	•	•	•	•	•
Outbound Data Theft Protection	•	•	•	•	•
File Upload Control	•	•	•	•	•
SSL Offloading	•	•	•	•	•
Authentication and Authorization	•	•	•	•	•
Vulnerability Scanner Integration	•	•	•	•	•
Protection Against DDoS Attacks	•	•	•	•	•
Web Scraping Protection	•	•	•	•	•
Network Firewall	•	•	•	•	•
High Availability	Active/Passive	Active/Passive	Active/Active	Active/Active	Active/Active
JSON Security	•	•	•	•	•
Caching and Compression		•	•	•	•
LDAP/RADIUS Integration		•	•	•	•
Load Balancing		•	•	•	•
Content Routing		•	•	•	•
Advanced Routing			•	•	•
Adaptive Profiling			•	•	•
Antivirus for File Uploads			•	•	•
URL Encryption			•	•	•
XML Firewall			•	•	•

<sup>1</sup> Fiber NIC and Ethernet hard bypass options available.

Specifications subject to change without notice.