Barracuda
Web Application Firewall Vx

Protect applications and data from advanced threats.

Barracuda Web Application Firewall Vx 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 Vx scans all inbound web traffic to block attacks, and scans outbound traffic to provide highly effective data loss prevention.

Barracuda Web Application Firewall Vx 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.

Constant protection from evolving threats

Barracuda Web Application Firewall Vx provides superior protection against data loss, DDoS, and all known and unknown (zero-day) application attack vectors. Automatic updates provide defense against new threats as they appear. As new types of threats emerge, it acquires new capabilities to block them.

Identity and access management

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

Affordable and easy to use

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.

APPLICATION AND CLOUD SECURITY

FEATURES	360VX	460VX	660VX	760VX	860VX	960VX
WEB APPLICATION SECURITY						
OWASP Top 10 Web Application Security Risks Protection	✓	✓	✓	✓	✓	✓
Geo-IP and IP Reputation (including public proxies and Tor Nodes)	✓	✓	✓	✓	✓	✓
Smart Signatures	✓	✓	✓	✓	✓	✓
Outbound Data Theft Protection (Credit Cards, SSN etc.)	✓	✓	✓	✓	✓	✓
Adaptive Profiling	-	-	✓	✓	✓	✓
Exception Heuristics	✓	✓	✓	✓	✓	✓
Auto-Configuration Engine (Requires ABP Subscription)	✓	✓	✓	✓	✓	✓
File Upload Control	✓	✓	✓	✓	✓	✓
Anti-Virus for File Upload Protection	-	-	✓	✓	✓	✓
Advanced Threat Protection for File Uploads (Requires ATP Subscription)	-	-	✓	✓	✓	✓
Website Cloaking	✓	✓	✓	✓	✓	✓
Protocol Limit Checks	✓	✓	✓	✓	✓	✓
Granular per URL/parameter policies	✓	✓	✓	✓	✓	✓
Rate Control	-	-	✓	✓	✓	✓
Client-Side Protection (Requires ABP License)	✓	✓	✓	✓	✓	✓
API PROTECTION						
Protection against OWASP Top 10 API Security Risks	-	-	✓	✓	✓	✓
API Security (JSON)	✓	✓	✓	✓	✓	✓
API Security (XML)	✓	✓	✓	✓	✓	✓
API Discovery (JSON)	-	✓	✓	✓	✓	✓
API Discovery (XML)	✓	✓	✓	✓	✓	✓
BOT PROTECTION						
Web Scraping Protection	✓	✓	✓	✓	✓	✓
Advanced Bot Protection with Cloud-based Maching Learning (Requires ABP Subscription)	✓	✓	✓	✓	✓	✓
Active Threat Intelligence (Requires ABP License)	✓	✓	✓	✓	✓	✓
Known Bot Database	-	-	✓	✓	✓	✓
Bot Spam Protection (Referrer and Comment Spam)	✓	✓	✓	✓	✓	✓
Form Spam Protection	-	-	✓	✓	✓	✓
Credential Stuffing and Spraying Protection (Requires ABP Subscription)	-	-	✓	✓	✓	✓
Brute Force Attack Protection	✓	✓	✓	✓	✓	✓
CAPTCHA Support	✓	✓	✓	✓	✓	✓
reCAPTCHAv2/v3 Support	✓	✓	✓	✓	✓	✓
DDOS PROTECTION						
Volumetric DDoS Protection (Requires ADP Subscription)	✓	✓	✓	✓	✓	✓
Application DDoS Protection	✓	✓	✓	✓	✓	✓

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SECURE APPLICATION DELIVERY						
TLS/SSL Offloading	✓	✓	✓	✓	✓	✓
Load Balancing	-	✓	✓	✓	✓	✓
Content Routing	-	✓	✓	✓	✓	✓
Network HSM Support	-	-	✓	✓	✓	✓
Dynamic URL Encryption	-	✓	✓	✓	✓	✓
HTTP/1.0, HTTP/1.1, HTTP/2.0, WebSocket, FTP/S and IPv6 Support	✓	✓	✓	✓	✓	✓
FTP/S Support	✓	✓	✓	✓	✓	✓
IPv6 Support	✓	✓	✓	✓	✓	✓
Request and Response Control (URL Translation)	✓	✓	✓	✓	✓	✓
Website Translations	-	✓	✓	✓	✓	✓
Caching and Compression	✓	✓	✓	✓	✓	✓
IDENTITY AND ACCESS CONTROL						
Local Users/Group (Internal LDAP)	✓	✓	✓	✓	✓	✓
Client Certificates	✓	✓	✓	✓	✓	✓
LDAP/Active Directory	-	✓	✓	✓	✓	✓
RADIUS	-	✓	✓	✓	✓	✓
SAML	-	-	✓	✓	✓	✓
OpenID Connect and JWT Support	-	-	✓	✓	✓	✓
Kerberos v5	-	✓	✓	✓	✓	✓
Azure AD	-	-	✓	✓	✓	✓
Enable single and multi-domain SSO	✓	✓	✓	✓	✓	✓
SMS Passcode Integration	-	✓	✓	✓	✓	✓
RSA SecurID Integration	-	-	✓	✓	✓	✓
Enable MFA with RADIUS/LDAP-based services	-	✓	✓	✓	✓	✓
Duo Integration (SAML)	-	-	✓	✓	✓	✓
Okta Integration (OpenID Connect)	-	-	✓	✓	✓	✓
VIRTUAL PATCHING AND FEEDBACK LOOPS						
Barracuda Vulnerability Manager	✓	✓	✓	✓	✓	✓
Barracuda Vulnerability Reporting Service	✓	✓	✓	✓	✓	✓
Virtual Patching support for 20+ vulnerability scanners	✓	✓	✓	✓	✓	✓
LOGGING AND REPORTING						
Onboard logging [Web Firewall Logs, Access Logs, Audit Logs, Network Firewall Logs and System Logs)	✓	✓	✓	✓	✓	✓
On-demand and scheduled reporting with 30+ OOTB reports	✓	✓	✓	✓	✓	✓
Syslog Export	✓	✓	✓	✓	✓	✓
AMQP/AMQPS Export	✓	✓	✓	✓	✓	✓
Azure Event Hub	✓	✓	✓	✓	✓	✓
Cloud Syslog Services	✓	✓	✓	✓	✓	✓

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SIEM/SOAR Support (Includes: Splunk, ARCsight, Azure Sentinel, RSA enVision, IBM Qradar, Symantec, Sumologic, Loggly and more)	✓	✓	✓	✓	✓	✓
NETWORKING AND HIGH AVAILABILITY						
VLAN and NAT Support	✓	✓	✓	✓	✓	✓
Network ACL's	✓	✓	✓	✓	✓	✓
Advanced Routing	-	-	✓	✓	✓	✓
Multi-Port Hardware	-	-	-	-	✓	✓
Active-Passive High Availability	✓	✓	✓	✓	✓	✓
Active-Active High Availability	-	-	-	-	✓	✓
ADD ON SUBSCRIPTIONS						
Advanced Bot Protection	✓	✓	✓	✓	✓	✓
Active DDoS Prevention	✓	✓	✓	✓	✓	✓
Advanced Threat Protection	-	-	✓	✓	✓	✓

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PERFORMANCE SPECIFICATIONS						
Throughput	25 Mbps	50 Mbps	200 Mbps	500 Mbps	1 Gbps	5 Gbps
Max. Backend Servers (Recommended)	5	10	25	50	150	300
Number of CPU Cores supported	2	4	6	8	10	12
HTTP Transactions Per Second	8000	15000	30000	60000	90000	180000
HTTP Connections Per Second	2000	3000	10000	14000	16000	30000
HTTPS Transactions Per Second	2500	4000	12000	20000	30000	50000
Concurrent Connections	90000	150000	500000	700000	950000	1800000

Support options

- 24/7 technical support
- Barracuda Energize Updates
- Standard technical support
- Firmware and capability updates as required
- Automatic application definitions updates

Management features

- Vulnerability scanner integration
- Trusted host exception
- Rest API
- Custom templates

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Your journey, secured.