



Web Application Firewall

Cloud-native WAF protecting web applications from OWASP Top 10 and zero-day exploits with AI-powered detection that minimizes false positives.

Edge-based WAF Built for Modern Web Applications

CDNetworks Web Application Firewall is a cloud-based WAF solution built to protect modern web applications at the edge. HTTP/S requests are inspected and filtered across 3,000+ global PoPs, stopping malicious activity earlier and closer to where it starts. AI/ML-powered detection works with 1,000+ built-in signatures to identify known and evolving threats with greater accuracy. Security stays close to the traffic, while your applications remain fast, available, and reliable.

AI-powered Capabilities for Faster, More Adaptive Protection



Zero-Day Protection

Deploy emergency rule patches globally the moment new vulnerabilities emerge, protecting every application automatically without manual action.



Threat Intelligence

Block malicious IPs, known attackers, and common exploit patterns using continuously updated global threat intelligence before they reach your applications.



AI-Powered Detection

Analyze platform-wide traffic behavior with an AI Engine to detect anomalies and emerging attack techniques that signature-based rules may miss.



Custom Rules

Build tailored WAF rules and regex-based signatures through an intuitive rule wizard, giving teams precise control over application-specific threats.



One-Click Deployment

Enable WAF in one click. Preset rules activate instantly while the platform learns traffic patterns and auto-generates exceptions to reduce false positives from day one.



Automatic Ruleset Management

Select either automatic or manual update mode. With automatic updates enabled, rule changes and recommended exceptions are applied immediately based on real traffic analysis.

More Accurate Protection, Less Operational Complexity.



Lower False Positives

Accurately detect threats with AI/ML-driven traffic analysis, reducing alert noise and unnecessary blocking.



Security and Performance, Delivered Together

Block malicious traffic closer to the source across 3,000+ global PoPs, keeping app delivery fast, secure, and reliable.



Comprehensive Protection

Defend against OWASP Top 10 vulnerabilities, zero-day exploits, and evolving attack patterns with continuously updated protection.



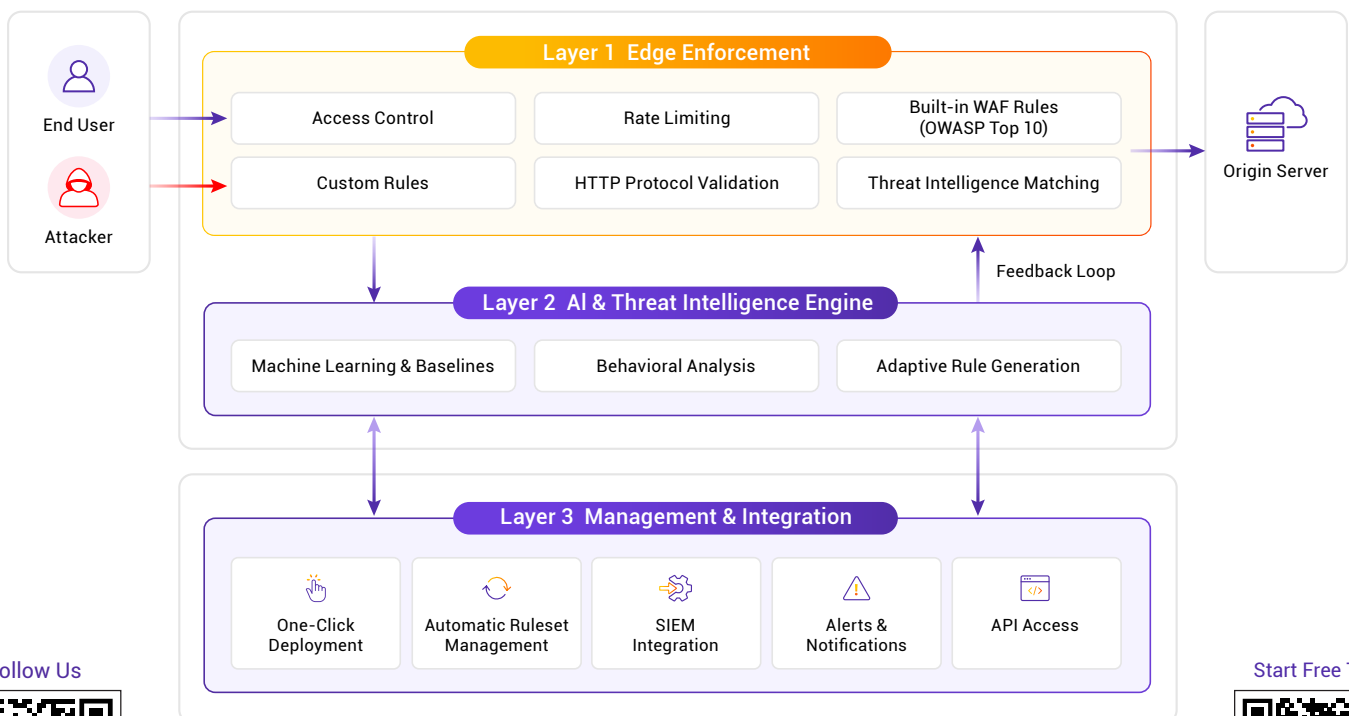
Easy to Deploy and Operate

Activate protection quickly and reduce manual effort with one-click deployment and automatic rule updates.

How CDNetworks WAF Works

CDNetworks WAF is part of an integrated WAAP platform that brings together DDoS, Bot, API, and Web Application protection on a single CDN infrastructure. It operates across three layers: the Edge Enforcement layer intercepts and filters incoming traffic in real time, the AI & Intelligence Engine layer continuously analyzes traffic patterns and updates detection logic, and the Management & Integration layer gives teams centralized visibility and control. Malicious requests are blocked at the edge, while clean traffic is forwarded to your origin with minimal latency.

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