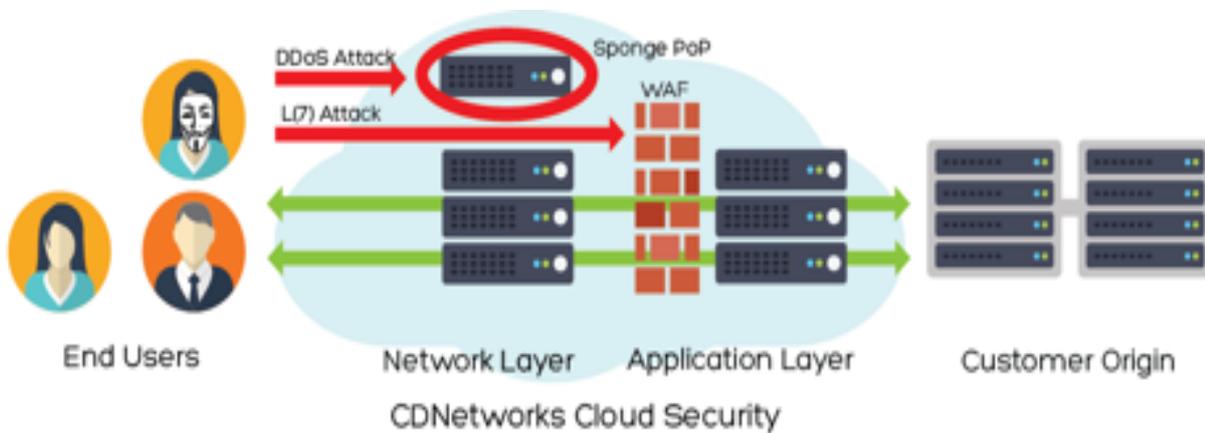# WEB APPLICATION FIREWALL

Protect web applications with a cloud-based behavioural firewall with integrated CDN

24/7 monitoring protects web applications from attacks and vulnerabilities

CDNetworks Cloud Security web application firewall (WAF) technology provides 24/7 monitoring to protect web applications from both known and unknown vulnerabilities. Integrated with our global CDN, our multi-layered WAF technology guarantees a secure and high performing web experience.

- Behavioural and multi-layered WAF that is self-learning and self-evolving

- Stops layer 7 attacks including DDoS, SQL injections, spam and scraping

- Protects web applications from both known vulnerabilities and unknown/zero day vulnerabilities

The traffic is then sent to the Web Application Firewall, where our user behaviour filters and traffic profiling help identify malicious traffic, which is then challenged or blocked. Legitimate traffic returns to the customer via CDNetworks Dynamic Web Acceleration, ensuring fast delivery and good web performance while attack traffic is dealt with.

CDNetworks Cloud Security WAF is built on a two-tiered model, using behavioural data to detect anomalies and block malicious bots and high-risk sessions. By adding power and resilience to all of our security layers, we can mitigate sophisticated attacks such as low-and-slow DDoS attacks, password brute-forcing, as well as probes and planned attacks by hackers.

Filtering traffic at each security firewall layer, CDNetworks Cloud Security WAF ensures only reliable and trustworthy requests each your web applications.

Features:

▶ Application DDoS protection:
Protection against layer-7 DDoS attacks that knock down your website, including HTTP-Get floods, Slow Loris, Rudy and more.

▶ WAF rule enforcers against SQLi, XSS and more:
A first layer of defense against hacking attempts such as SQL injections (SQLi) and Cross Site Scripting (XSS), session hijacking, as well as other types of human and non-human attacks.

▶ Reputation firewall:
Blocks traffic from IPs known to be dangerous or malicious by CDNetworks' global Intelligence and threat center. While our advanced anti-scraping solution protects your site against screen scraping and bot crawling of your data, we also provide protection against spanning and fake account generation.

▶ Behavioral enforcer:
Our behavioral user risk assessment blocks malicious bots and high-risk sessions, including low-and-slow DDoS attacks, password brute-forcing, probing and attack planning by hackers and servers. We also add power and resilience to all other security layers to ensure we mitigate the risk of sophisticated attacks.

▶ CMS platform protection:
A set of rules and tools to fortify popular CMS platforms and their known vulnerabilities, including Wordpress, Joomla and Drupal.

▶ Custom rule support:
Customised rule support can be generated via the user interface

About CDNetworks

CDNetworks is a global content delivery network (CDN) with a fully integrated cloud solution, offering unparalleled speed, security and reliability for the almost instant delivery of web content. Optimised for any device, browser and network, we ensure all users have fast and safe web experience - whether you're serving B2B or B2C customers, mobile employees or remote offices.

CDNetworks accelerates and secures websites and web applications over our strategically built network of global PoPs in both established and emerging markets. We specialise in those parts of the world where keeping a website accessible is most difficult: Mainland China, Russia, South East Asia and the Middle East.

Since 2000, we have been providing our customers with exceptional customer services and support, thanks to our teams of dedicated tech engineers located across the globe. CDNetworks has offices located in the UK, France, Germany, US, South Korea, China, Japan, and Singapore.

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