



WEBSCALE

WEBSCALE CLOUD WEB APPLICATION FIREWALL

POWERFUL PROTECTION FOR E-COMMERCE APPLICATIONS

A CONVERGED MULTI-CLOUD PLATFORM

Webscale is a converged multi-cloud application delivery platform that offers a stand-alone programmable web application firewall (WAF) for a faster, more secure web environment, while monitoring and providing protection against a wide range of cyber attacks.

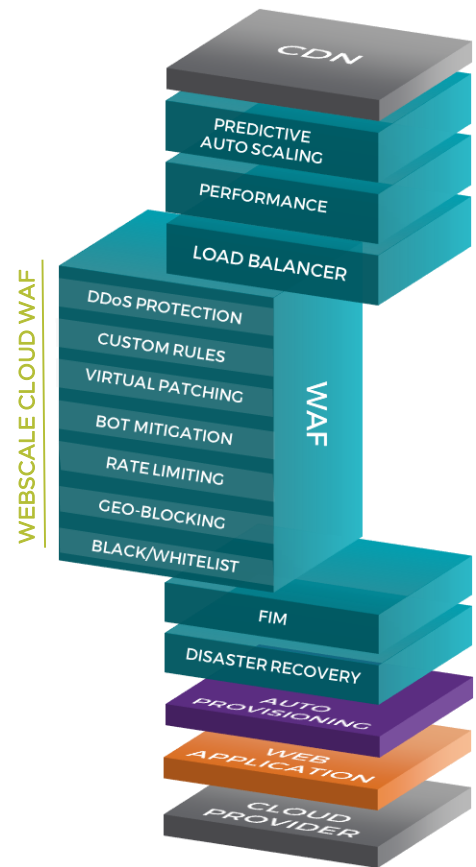
Delivered as a true cloud-based software as-a-service (SaaS), with a simple monthly subscription plan, the Webscale WAF allows any web application (HTTP/HTTPS) hosted in a public, private or hybrid cloud, or architected over multiple clouds, to be secured, with no hardware, software or cloud instance to install and maintain.

WEBSCALE CLOUD WAF

The Webscale WAF enables every web application with an enhanced level of security, avoiding downtime and performance degradation from malicious attacks. It provides comprehensive functionality and support for security policies as well as DDoS (distributed denial of service) protection. The Webscale WAF also includes the ability to analyze sessions in real-time and identify ongoing threats for bot mitigation through pattern recognition and machine learning.

A WAF BUILT FOR E-COMMERCE

Webscale is the world's first application-aware cloud WAF, with a number of innovative security features designed specifically for e-commerce customers, where cyber attacks can have serious implications for brand reputation and revenue. Shield Mode offers one-click DDoS mitigation that instantly protects your web application from bad bots. This enables the analysis of incoming traffic using the in-built real-time traffic visualization engine, and applies custom rules to permanently mitigate the attack. The Webscale e-commerce focused WAF also automatically enables pre-defined and pre-tested security rulesets based on the e-commerce application, alleviating the need for the customer to discover, define and maintain the rules themselves. Finally, the Webscale team constantly monitors security feeds, addressing known web application vulnerabilities, by automatically applying virtual patches as soon as they are identified.



PRODUCT HIGHLIGHTS

APPLICATION-AWARE POLICIES

Each application may have different security needs and the ability to apply custom security policies is critical for application owners and IT. The Webscale WAF enables pre-defined security rulesets based on the e-commerce application. Web application vulnerabilities are addressed by identifying and applying custom policies, and enforcing real-time protection.

DDoS MITIGATION

Fully-integrated with DDoS mitigation with deep session analysis, the Webscale WAF prevents and blocks millions of attacks daily, automatically learning from each new threat. One-click Shield Mode instantly protects you from application flood attacks. The Webscale WAF also includes the ability to analyze sessions in real-time and identify ongoing threats for bot mitigation through pattern recognition and machine learning.

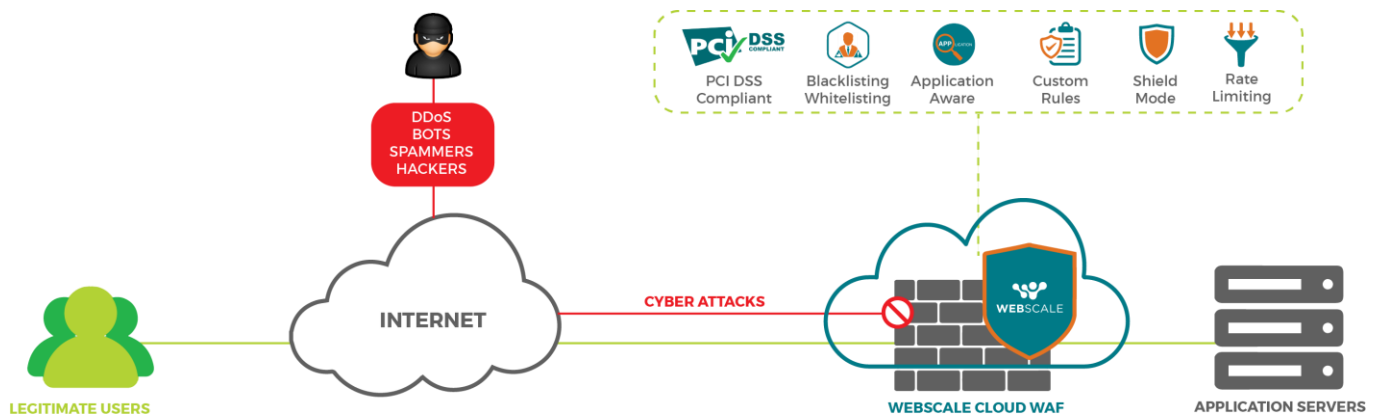
SSL and TLS

HTTPS enables better security for web applications and has also become a critical requirement for SEO. Webscale will use your certificates or procure and manage certificates on your behalf and automatically enable forced HTTPS without any changes to your application infrastructure. This will also enable termination, offloading all setup and encryption from the application servers allowing for more efficient use of infrastructure, higher security and improved revenues.

ACCESS CONTROL

Webscale protects your applications against well-known vulnerabilities (OWASP Top 10) with standard or custom WAF rules. Access control mechanisms enable blacklisting and whitelisting by IP addresses or device types, or geo-location. Web application owners and IT may block requests for a short duration or rate limit long running user sessions to mitigate their impact on the overall user experience.

WEBSCALE CLOUD WAF



WEBSCALE CLOUD WAF

- Compliance: Level 1 PCI-DSS 3.1 service provider 
- Supported Web Protocols
 - HTTP(S)
 - HTTP/2
- Protection against common attacks
 - OWASP Top 10
- SSL/TLS support and termination
 - Session encryption and authentication
 - Support for TLS 1.1, TLS 1.2
 - Procuring and managing certificates
- Web Application Firewall (WAF)
 - Ability to manage custom WAF rules
- DDoS attack mitigation and protection
 - One-click Shield Mode
- Web Access Control Lists
 - Ability to block, suspend, allow
 - Rate limit sessions based on IP
 - Restrict based on geography and user-agents
- Dynamic session profiling
 - Real-time session and traffic analytics
 - Bot identification and control
- Custom rules engine
 - Application-specific rulesets (Magento, Wordpress, WooCommerce, and others)
 - Virtual application patching for all supported e-commerce platforms
 - Compatible with Modsecurity

MANAGEMENT FEATURES

- Webscale is RESTful API-enabled to integrate, deploy, configure and manage all aspects of a web application through the customer portal, or to integrate Webscale into a unified third-party portal of choice.
- No hardware, software, installation, management, monitoring or additional costs
- Real time logging and access to raw logs
- Customizable role-based administration
- Custom Templates
- Extensive monitoring, alerting and customer support
- Unified portal



Webscale is a pioneer of integrated multi-cloud application delivery in the cloud. Delivered as-a-Service, Webscale allows businesses of all sizes to benefit from a converged platform that delivers predictive auto-scaling, load balancing, high performance, outage prevention, comprehensive security and simple management across cloud providers. Webscale is enabling mid-market e-commerce and enterprise customers with a platform focused on seamless automation, using deep analytics and machine learning. The company is headquartered in Silicon Valley, CA, with offices in Boulder, CO and Bangalore, India. For more information, please visit:

www.Webscale.com