

section.io

Website Security

section.io's Content Delivery Grid offers best-in-class security and performance tools deployed on a global network that speed up and protect your website.

section.io includes core security features necessary for any modern website, such as SSL/TLS certificates, PCI Compliance, and network-layer DDoS protection, at no additional cost.

In addition, section.io has partnered with leading security platforms such as Signal Sciences and Threat X to offer a choice of next-generation website security solutions.



CORE SECURITY FEATURES

Network Layer DDoS Protection

section.io's platform is built on top tier cloud hosting, so you'll get all the network layer protection and capacity provided by industry heavyweights like Microsoft and Amazon.

Traffic Overload Prevention

This feature allows you to set a limit on the number of visitors who can reach your site at any one time. This feature is useful if you are looking for extra protection against DDoS or DoS attacks or want to control visitor numbers to your site.

Visibility via Logs and Metrics

section.io provides ELK Stack logs and real-time metrics so you can inspect traffic easily within the section.io portal and take immediate blocking action when needed.

SSL/TLS Certificates and Management

section.io provides all sites with HTTPS automatically. If you don't have a SSL/TLS certificate we will procure one for you and take care of ongoing certificate renewal.

Customers who want an extended validation certificate or who prefer to manage their security themselves can provide their own certificate at no cost.

For customers with multiple domains, we can provide and manage SSL/TLS certificates for each domain.

IP Blocking

Quickly block specific IP addresses or ranges of IP addresses before they reach your origin server. This feature is useful if you get malicious traffic from certain countries or view suspicious activity from individual IP addresses.

GET IN TOUCH

To get started, contact info@section.io or +1 844 325 9500 for a demo, or sign up at section.io/sign-up/.

ADVANCED SECURITY SOLUTIONS

In addition to the core security features, section.io offers several advanced security solutions deployed on our global PoP network as reverse proxies. These include the open-source WAF ModSecurity, intelligent WAF Threat X, and Signal Sciences next-generation Web Protection Platform.

All of these solutions give section.io users greater control over their security and more advanced threat detection and blocking options.



ModSecurity, Open Source Web Application Firewall

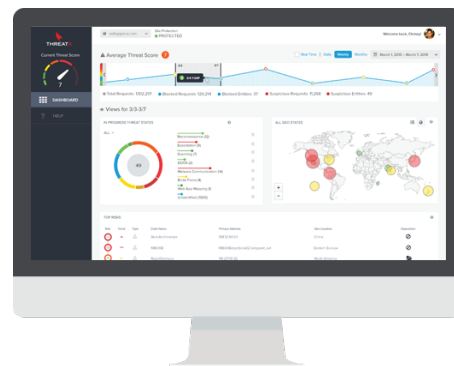
ModSecurity is a popular open source WAF that blocks threats via a set of rules. ModSecurity includes out-of-the-box protection against the Top 10 OWASP Attacks and allows for unlimited custom rules to be set by you.

section.io provides you with a fully configurable, unmodified version of ModSecurity with all the logs and metrics needed to quickly identify malicious activity. Use the ModSecurity docs and community to troubleshoot and section.io's local developer environment to test configurations before they go live.

Threat X, Intelligent Web Application Firewall

Threat X is an intelligent WAF that learns your site's specific threat profile and automatically blocks threats while protecting legitimate traffic. Threat X requires no configuration by you, and is backed by a team of security experts who constantly monitor the latest hacker trends and your website's vulnerabilities.

Threat X factors out false-positives and escalates only when a specific entity has made progress to a level defined by you. Malicious traffic can be tracked, blocked, or slowed down by redirecting it through a highly-interactive network honeypot trap. The Threat X dashboard includes detailed information on an attack and actions taken.



Signal Sciences, Next Generation Web Protection Platform



The Signal Sciences Web Protection Platform is an advanced security solution utilized by teams at Etsy, Vimeo, Under Armour, and other high volume websites with enterprise-level security needs. Signal Sciences was created by CISOs, CTOs, and engineers looking to integrate advanced website security with cloud solutions and DevOps workflows.

The WPP analyzes and blocks threats in real-time, with 95% of customers using it in blocking mode, reducing false positives while identifying more threats than other solutions. Signal Sciences integrates with tools including Slack, JIRA, and Kibana so you get insights where you need them, when you need them.

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