

# Security Optimization Assistance

Expert assistance to maintain your Akamai Cloud Security Solution



Your website and Internet-facing applications face a wide variety of threats that pose a risk to your users, applications, data, and infrastructure. Through its Cloud Security solutions, Akamai provides protection against a variety of application and network-layer security threats. In the fast evolving world of cybersecurity, the protection that you get from any security solution is a function of how it is managed over time. To ensure that you are getting the most out of your security investment, it is essential to keep security configurations up to date. Most organizations find it challenging to hire, train, and retain security experts to maintain and manage their web security.

## Security Optimization Assistance

Security Optimization Assistance is an ongoing maintenance service designed to help you maximize protection through Akamai Cloud Security products like Kona Web Application Firewall (WAF), Kona Site Defender, Bot Manager, Web Application Protector (WAP), Prolexic Routed, and Prolexic Connect.

## Key Components of Security Optimization Assistance

### Named Akamai Solution Expert

Security Optimization Assistance gives you access to a Named Akamai Solution Expert who is aligned to your team. They understand your business and your Akamai security setup, enabling them to provide you contextual recommendations on your website security. They coordinate your service deliverables and the implementation of changes to your Cloud Security product configurations.

### Security Service Review

The periodic Security Service Review includes a comprehensive analysis of your Cloud Security configurations and provides recommendations on configuration updates and adoption of advanced product features to enhance your website defense. These recommendations can help you in optimizing a wide variety of your web security goals (e.g., reducing false positives without compromising the overall security posture of your website, altering bot management strategy, and managing BGP routing to reduce latency).

### Security Configuration Assistance

Security Optimization assistance gives you ongoing access to a team of security experts. The team assists you in making updates to your security configurations as well as implementing recommendations from Security Service Reviews.

## Flexibility Across Akamai Cloud Security Solutions

Akamai has a comprehensive suite of cloud security products, and each product has its unique maintenance and management requirements. Security Optimization Assistance has available options to assist you with maintenance of Kona WAF, Kona Site Defender, Bot Manager, Web Application Protector, Prolexic Routed, or Prolexic Connect.

## BENEFITS

- **Mitigate business risks** and improve end-user confidence by keeping website defense and security configurations in sync with attack sophistication, changing business needs, and the evolving security landscape.
- **Extract maximum value** from your Akamai Cloud Security investment by leveraging best-practice implementations, maintenance, and adoption of advanced features.
- **Reduce operational cost** of hiring and retaining in-house experts by leveraging Akamai's security services team.
- **Streamline web security operations** with flexibility to use the service for multiple Akamai cloud security products.

## KEY FEATURES:

- **Named Akamai Solution Expert:** A designated security expert aligned to your team.
- **Security Service Reviews:** Scheduled reviews and recommendations on your Cloud Security configurations.
- **Security Configuration Assistance:** Ongoing implementation assistance from Akamai security experts.

## Security Optimization Assistance

|   | Highlights of Security Service Review  | Examples of Security Configuration Assistance   |
|---|--|---|
| <b>Kona Web Application Firewall</b>    | <ul style="list-style-type: none"> <li>• Statistical analysis of log files for triggered WAF rules</li> <li>• False-positive analysis</li> <li>• Recommendations to optimize configurations</li> <li>• Recommendations on reducing false positives</li> </ul>  | <ul style="list-style-type: none"> <li>• Implementation of configuration changes to Kona Site Defender and Kona WAF</li> <li>• Implementation of recommendations from Security Service Review</li> <li>• Review and update rate control bucket configuration and thresholds</li> <li>• Implementation of Kona Rule Set updates</li> </ul> |
| <b>Kona Site Defender</b>               |  |   |
| <b>Bot Manager</b>                      | <ul style="list-style-type: none"> <li>• Review and recommendations on bot handling strategy</li> <li>• Analysis of Bot Manager traffic and recommendations on segmentation of bots</li> <li>• Identification of known bots and recommended actions</li> </ul>   | <ul style="list-style-type: none"> <li>• Expert response to, and implementation of, recommendations from Bot Manager Security Service Review</li> <li>• Implementation of updates to bot handling strategy</li> </ul>   |
| <b>Web Application Protector</b>        | <ul style="list-style-type: none"> <li>• WAP activity analysis</li> <li>• Review of up rate control thresholds and protection group settings</li> <li>• Assistance with WAP activity graphs</li> </ul>   | <ul style="list-style-type: none"> <li>• Provisioning additional sites and implementing changes to cache rules</li> <li>• Assisting with SIEM Integration</li> <li>• Adjustment to Rate Controls and Protection Groups</li> <li>• Black/White and Geographic list management</li> </ul>   |
| <b>Prolexic Routed/Prolexic Connect</b> | <ul style="list-style-type: none"> <li>• Route analysis and recommendations on observed issues (e.g., latency impacts, issues with Carriers, BGP migration, delays in mitigation of convergence).</li> <li>• ABM and FBM Analysis</li> <li>• Review of the Runbook</li> <li>• Review of Protection Profile</li> <li>• ISP Health Update</li> </ul> | <ul style="list-style-type: none"> <li>• Making ongoing updates to the Routed and Connect configurations, adding additional properties and subnets beyond the yearly service validation</li> <li>• Ongoing updates and optimization of traffic routes</li> <li>• Updates to ABM and FBM devices</li> </ul>                                |

*Summary of service deliverables for various Akamai Cloud Security products*

Whether it is a DDoS attack, an XSS threat, or malicious bot traffic, attackers are constantly evolving in the way they exploit vulnerabilities. You need a holistic security strategy that addresses the multi-vector and evolving nature of today's security threats. Security Optimization Assistance gives you access to a team of experts who have helped protect the biggest online brands from some of the largest web attacks. Security Optimization Assistance gives you multi-product maintenance assistance to keep Cloud Security configurations in sync with the growing sophistication and wide variety of today's security threats.

### The Akamai Ecosystem

Akamai makes the Internet fast, reliable and secure. Our comprehensive solutions are built on the globally distributed Akamai Intelligent Platform™, managed through the unified, customizable Luna Control Center for visibility and control, and supported by Professional Services experts who get you up and running easily and inspire innovation as your strategies evolve.



As the world's largest and most trusted cloud delivery platform, Akamai makes it easier for its customers to provide the best and most secure digital experiences on any device, anytime, anywhere. Akamai's massively distributed platform is unparalleled in scale with over 200,000 servers across 130 countries, giving customers superior performance and threat protection. Akamai's portfolio of web and mobile performance, cloud security, enterprise access, and video delivery solutions are supported by exceptional customer service and 24/7 monitoring. To learn why the top financial institutions, e-commerce leaders, media & entertainment providers, and government organizations trust Akamai please visit [www.akamai.com](http://www.akamai.com), [blogs.akamai.com](http://blogs.akamai.com), or [@Akamai](https://twitter.com/Akamai) on Twitter. You can find our global contact information at [www.akamai.com/locations](http://www.akamai.com/locations), or call 877-425-2624. Published 07/17.