INTEGRATE WITH PARTNERS

Overview

**KEY PRODUCTS**
- **Protect**: Kona Site Defender, Web Application Protector, or Bot Manager
- **Govern**: API Gateway
- **Scale**: Ion or Dynamic Site Accelerator
- **Real-time log delivery**: DataStream

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Reference Architecture

1. Partners access your API through the Akamai Intelligent Edge Platform. Requests are mapped to the optimal edge server, close to the end consumer.
2. Edge servers automatically drop network-layer DDoS attacks and protect the application layer from DDoS and application attacks. Network-layer protection ensures both positive and negative security models to ensure only the right partners have access.
3. API Gateway governs API traffic by authenticating, authorizing, and managing usage plans to provide appropriate access and control consumption to maintain availability and fairness in data exchange.
4. The Akamai Intelligent Edge Platform accelerates authorized and authenticated traffic over our SSL/TLS encrypted network for the secure exchange of data between partners.
5. API responses can be served from cache to improve performance, as well as offload and reduce infrastructure and bandwidth costs. There is support to cache both REST and GraphQL.
6. DataStream delivers real-time data logs providing aggregated metrics on CDN health, latency, offload, errors, and events via Push and Pull APIs to your data aggregation and analysis tool. This aids rapid release and helps troubleshoot support issues.

**OVERVIEW**

APIs enable business expansion by empowering you to develop partnerships through data exchange. You need to ensure that only legitimate partners can access APIs and that API consumption is within usage limits. Akamai solutions enable you to manage API access to partners and enforce usage SLAs. You can fortify APIs to prevent malicious attacks and maximize performance to quickly and safely drive consumption and business success through APIs.