

API PROTECT

Hack | Extract | Detect | Protect

PRODUCT OVERVIEW

Data Theorem's API Protect is part of an overall API Security program designed to:

1. Inventory your APIs
2. Hack your APIs
- 3. Protect APIs**

API Protect takes proactive measures to provide active protection in the following areas:

- Authentication
- Authorization
- Encryption
- Attack Prevention
- Malicious Sites & Domains
- Bot Protection
- API Management

PLATFORM FEATURES

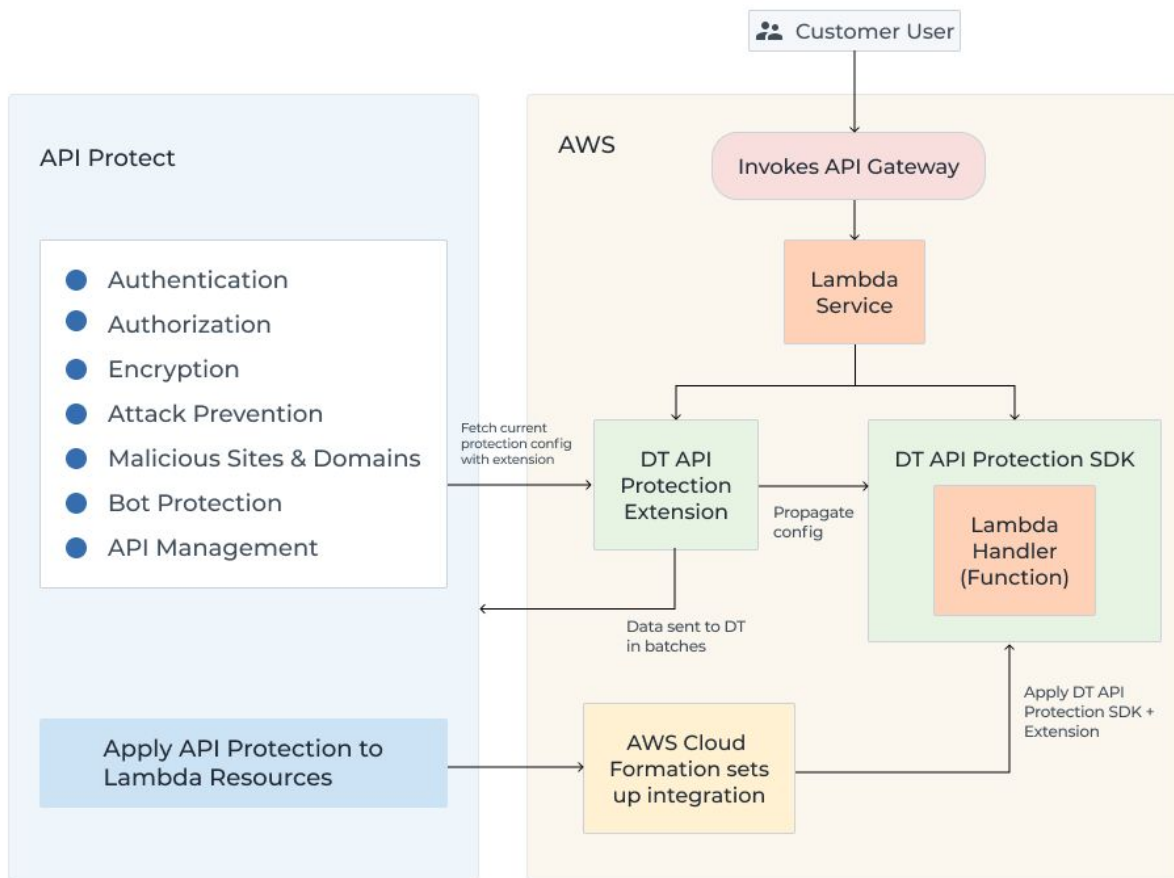
- ✓ The API Protect SDK can protect:
 - AWS Lambda
 - GCP Cloud Functions
 - AWS Functions
- ✓ API Security Metrics:
 - # of API Calls
 - # of Detected Attacks
 - # of Attacks Blocked
 - Top Sources (Domains)
 - Top Attack Sources
 - Top Countries
 - Top Attack Countries
 - Rating Limiting

ACTIVE PROTECTION

- Authentication:
 - Approve or Deny User IDs, Tokens, API Keys, OAuth/OpenID, & more.
- Authorization:
 - Approve or Deny IP Addresses, domains, geo-location (Countries).
- Enforced Encryption
 - TLS Only or Mixed Mode (TLS & Non-TLS)
- Enable active protection of common attacks
 - SSRF, SQL Injection, XSS, OWASP API Top 10 Attacks, etc.
- Malicious Sites
 - Allow or Deny known malicious sites & domains
- API Management
 - # API calls including detected attacks, errors, and total attacks blocked

API Protect <APPLIED>

“Many API breaches have one thing in common: the breached organization didn't know about their unsecured API until it was too late.” **Gartner advises that companies** “adopt a continuous approach to API Security”. Data Theorem specializes in proactive security and goes beyond securing the perimeter to inventory, continuously monitor, and remediate shadow APIs, leaky data, and resolve storage configurations. The result is a program that is designed to secure your data at every level.



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Data Theorem is a leading provider of modern application security. Its core mission is to analyze and secure any modern application anytime, anywhere. The Data Theorem Analyzer Engine continuously analyzes APIs, Web, Mobile, and Cloud applications in search of security flaws and data privacy gaps. Data Theorem products help organizations prevent AppSec data breaches. The company has detected more than 1 billion application eavesdropping incidents and currently secures more than 8,000 modern applications for its Enterprise customers around the world.

LEARN MORE

Web: www.datatheorem.com
 Email: info@datatheorem.com
 Demo: www.datatheorem.com/demo

