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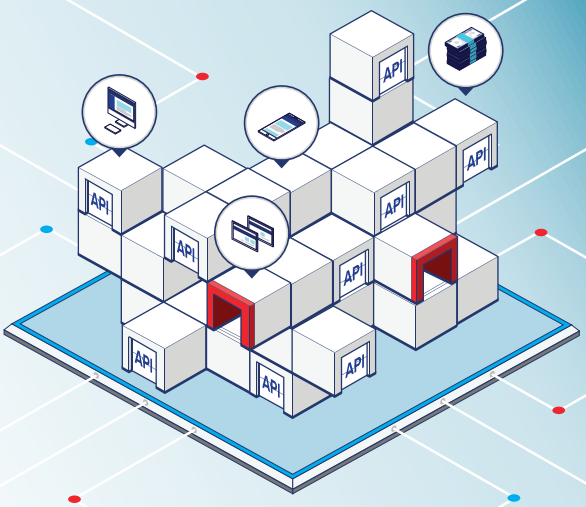

API Security for Healthcare

The changing API landscape in healthcare

Healthcare organizations have always relied on APIs to enable services and applications for patients, providers, payers, and others in the ecosystem. Over the past few years, though, APIs have undergone several changes that impact the API security landscape. Three changes in particular have increased the risk that APIs present:

- Increased use of APIs, growing the attack surface
- Greater exposure of sensitive data
- More frequent API changes thanks to agile development

Attacks targeting healthcare organizations are on the rise

Attackers have realized that APIs make an attractive target, and healthcare has seen a steep rise in the volume and sophistication of API attacks, typically motivated by these common goals:

- Data exfiltration
- Fraudulent transactions
- Service disruption

Healthcare organizations have employed multiple layers of security solutions and practices, including WAFs and API gateways, but remain unable to detect or prevent API attacks, because traditional application security tools miss the vast majority of attacks targeting APIs.

> ***By 2022, API abuses will move from infrequent to the most-frequent attack vector, resulting in data breaches for enterprise web applications."***
>
> Gartner

What's needed to protect APIs

Discovering APIs

Shadow APIs, and the sensitive data they expose, put healthcare organizations at risk. Continuous discovery of new and changed APIs is essential to protecting data and services.

Stopping API attacks

Preventing API attacks requires deep understanding of unique API logic and behavior, both of which depend on the use of big data, machine learning (ML), and artificial intelligence (AI).

Eliminating vulnerabilities

Efficient remediation relies on DevOps teams getting clear, prioritized, and actionable insights about how attackers have successfully probed APIs.

The Salt Security API Protection Platform

Discover all your APIs

Inventory all your APIs and eliminate blind spots

- Dynamically inventory all APIs, including shadow, zombie, new, and changed APIs
- Catalog exposed PHI and other sensitive data to meet compliance requirements such as HIPAA and GDPR

Stop attacks

Stop attackers early during reconnaissance

- Correlate anomalous activity to identify attackers
- Pinpoint attacks early, during the reconnaissance phase, and shut down the attacker
- Cut incident response from hours to minutes with a comprehensive attack timeline view

Remediate vulnerabilities

Eliminate API vulnerabilities at their source

- Share remediation details with DevOps to eliminate vulnerabilities in APIs
- Continuously harden APIs during development to ensure security doesn't slow application rollout

> ***"With Salt, we always have a complete inventory of our APIs, even as they change, and we know where we're exposing sensitive data. Salt captures attackers' recon steps, blocking the attack and helping us write more secure APIs."***

Tarik Ghbeish
Product Security Engineer
TripActions

Salt Security customers include:

ally
FINASTRA
TripActions
ARMIS
cross river
EQUINIX
CITY NATIONAL BANK AN RBC COMPANY
AppsFlyer

Salt Security protects the APIs that are at the core of every modern application. The company's API Protection Platform is the industry's first patented solution to prevent the next generation of API attacks, using behavioral protection. Deployed in minutes, the AI-powered solution automatically and continuously discovers and learns the granular behavior of a company's APIs and requires no configuration or customization to prevent API attacks.

Request a demo today!
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