Protego

Serverless Application Security

Designed for Serverless Architectures

Serverless applications require dedicated serverless security approaches. Protego provides unmatched visibility, security, and control over serverless applications from development to runtime.

Save Time & Increase Security with Automatic Application Hardening

Protego Proact analyzes your serverless application code before and after deployment, and helps you maximize your application's security posture, minimize the attack surface, and simplify governance.

The Posture Explorer provides a comprehensive, unified view of your entire serverless ecosystem (functions, triggers, third party libraries, etc.) The security-focused visualization shows all inputs and triggers along with potential risk areas.

Minimize Attack Surface and Improve Security Posture

Protego's breakthrough code analysis technology detects configuration risks and automatically generates least-privilege function permissions. Protego clearly outlines recommended steps to remediate, enabling you to drive remediation of posture at scale.

Protego detects and alerts on configuration issues, such as unlinked triggers and over provisioned function timeout configurations. Additionally, Protego continually scans functions for known vulnerabilities and embedded secrets ensuring your applications are not exposed to attacks.

Automatically Profile Function and Application Behavior

Protego continuously scans your serverless infrastructure, code, and runtime environment. Utilizing machine-based analysis and deep learning algorithms, Protego builds a model of normal application and function behavior, including automatic creation of a white list of actions on a resource level. You can further define custom policies and enforce behavior on a per function level.

Detect and Stop Serverless Application Attack with Accuracy & Speed

Based on learned function context, Protego provides dynamic protection along with automatic protection from the time of invocation. Protego's Function Self Protection detects, alerts, and stops application layer attacks such as the Serverless OWASP Top 10 and anomalous activity independent of the attack trigger.

Platform Integrations for Alerting & Forensics

Protego provides native plug-ins as well as a CLI tool that automate function scanning within CI tools. Security teams can prevent functions that violate policy from being deployed or enforce pre-defined security controls.

Getting started is easy with pre-built Splunk and cloud watch integration for analysis and audit, as well as pre-built integrations with tools such as Slack and Jira for security incident alerts. You can also integrations with other systems with Protego's full REST API. Get real time alerts, view an audit trail for events in full context, unmask compromise indicators, and analyze event context.

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