SRC CYBER SOLUTIONS LLP

THREATX

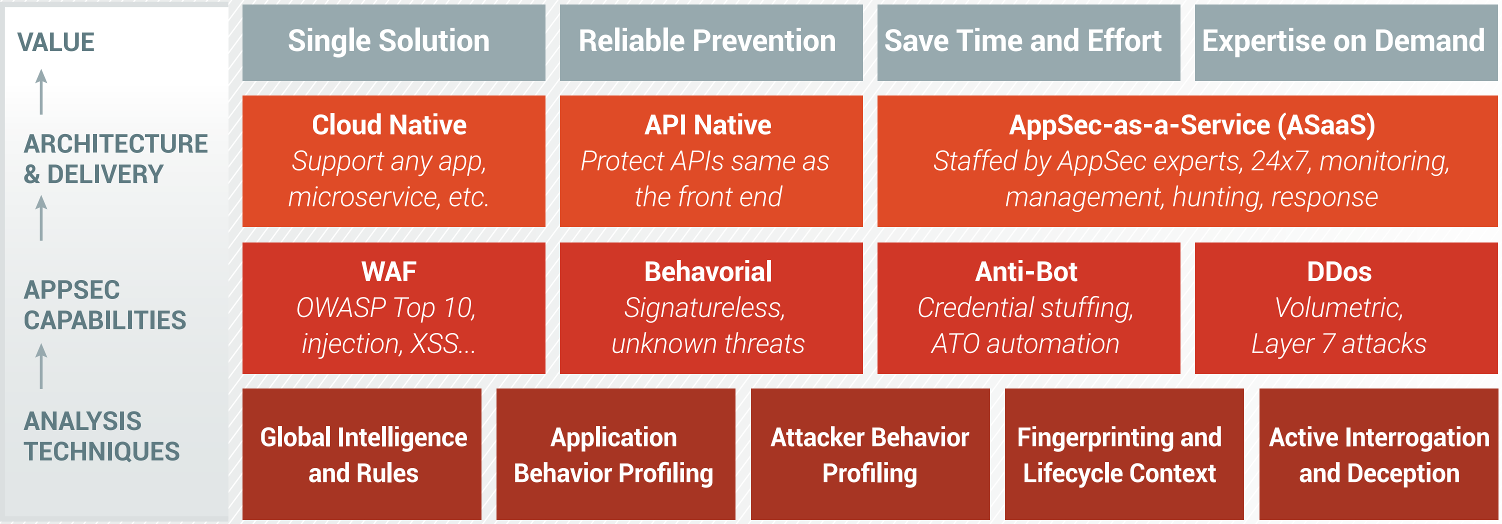
SOLUTION BRIEF

Automating Investigation and Defense with ThreatX and Splunk Phantom

splunk> phantom

AppSec teams must defend an ever-growing set of web applications and APIs from a wide variety of evolving threats. To keep pace, teams must make sure their efforts are efficient and impactful. The integration of ThreatX and Splunk Phantom delivers on this goal by pairing next-generation application security with industry-leading security automation and orchestration.

ThreatX provides a unique and comprehensive approach to application security that is both cloud and API native. The platform brings together traditional WAF protection, application and attacker behavioral analysis, anti-bot functionality, deception, and DDoS protection into a single context. Entities and evolving threats are tracked and scored over time in terms of their risk, and behavioral analysis and active interrogation is used to identify known and unknown threats even without a signature.



VALUE: Single Solution | Reliable Prevention | Save Time and Effort | Expertise on Demand

↑

ARCHITECTURE & DELIVERY:
- **Cloud Native** *Support any app, microservice, etc.*
- **API Native** *Protect APIs same as the front end*
- **AppSec-as-a-Service (ASaaS)** *Staffed by AppSec experts, 24x7, monitoring, management, hunting, response*

↑

APPSEC CAPABILITIES:
- **WAF** *OWASP Top 10, injection, XSS...*
- **Behavorial** *Signatureless, unknown threats*
- **Anti-Bot** *Credential stuffing, ATO automation*
- **DDos** *Volumetric, Layer 7 attacks*

↑

ANALYSIS TECHNIQUES:
- Global Intelligence and Rules
- Application Behavior Profiling
- Attacker Behavior Profiling
- Fingerprinting and Lifecycle Context
- Active Interrogation and Deception

The solution can be delivered as a service, providing 24/7 monitoring, management, hunting, and response staffed by AppSec experts. The result provides a simple, single solution to address all AppSec threats, highly reliable detection and enforcement, and the ability to save time and offload work from the internal security team.

The integration with Splunk Phantom ensures that analysts can seamlessly access ThreatX's rich context for their investigations and trigger mitigation actions quickly. Analysts can easily pull context for any entity in an investigation including a variety of entity traits, IP information, notes, and risk scores. In addition to ThreatX's built-in enforcement options such as blocking or tarpitting, teams can use Splunk Phantom to block or unblock an IP or whitelist or blacklist an IP as needed. These integrations allow for highly efficient analyst investigations as well as fully automated response and enforcement actions.

KEY BENEFITS

- **Faster Investigations** - Automatically pull important context such as host or risk traits for any entity in an investigation without the need for swivel-chair analysis. Analysts can both retrieve and add notes for an entity on demand.

- **Add Risk-Based Context to Investigations** - Easily integrate ThreatX Risk Scores into analysis and workflows. Threat Risk Scores automatically correlate across multiple detection strategies and phases of attack to provide a single highly-enriched score for the entity that accounts for the full scope and impact of an attacker's actions.

- **Stop Threats with Automated or Manual Enforcement** - Easily trigger enforcement actions based on investigations or policies including block/unblock IPs or whitelist/blacklist IPs.

FEATURES AND USE CASES

The integration between ThreatX and Splunk Phantom enables security teams to automate many of the most common and time-consuming investigative and response tasks. This includes common malware investigation, containment of command-and-control traffic, bot and credential stuffing investigations, as well as the ability to trigger enforcement based on detections from other security tools. The table below provides a list of the actions included in the integrations and playbooks that can use those actions.

Key Supported Actions

- **Block ip** - Block an IP
- **Unblock ip** - Unblock an IP
- **Blacklist ip** - Add an IP to the Blacklist
- **Whitelist ip** - Add an IP to the Whitelist
- **Get entities** - Get high-level Entity information
- **Get entity ips** - Get all Entity IP addresses
- **Get entity risk** - Get the latest Entity risk score
- **Get entity notes** - Get the Entity notes
- **New entity note** - Add a new note for the Entity

Splunk Phantom Associated Playbooks

- Wannacry Remediate Playbook
- Malicious Blacklists
- VMWorld C2 Response
- VMWorld Wannacry Response
- Vectra Basic Block Host
- Vectra Advanced Block Host
- Customer Firewall Request Handle Artifact
- Advanced Playbook Tutorial
- C2 Investigate and Contain
- PhishMe Email Investigate and Respond
- ProtectWise Investigate and Respond
- Ransomware Investigate and Contain
- ThreatQuotient Investigate and Respond
- ExtraHop Externally Accessible Databases

THREATX

SRC CYBER SOLUTIONS LLP

www.srccybersolutions.com | +91 120 232 0960 / 1 | sales@srccybersolutions.com

ABOUT SRC CYBER SOLUTIONS LLP

At SRC Cyber Solutions LLP, we provide Next Generation, Automated and User-Friendly solutions in partnership with AUTOMOX for Patch and Endpoint Management, IRONSCALES for Comprehensive Email Security and Anti-Phishing Protection, THREATX for WAAP (WAF++) with an Attack-Centric approach for Web Application and API protection and Project Ares for Online Gamified Simulation-based Cyber Security Training.

ABOUT SPLUNK

Splunk Inc. helps organizations ask questions, get answers, take actions and achieve business outcomes from their data. Organizations use market-leading Splunk solutions with machine learning to monitor, investigate and act on all forms of business, IT, security, and Internet of Things data. Join millions of passionate users and try Splunk for free today.

© 2020, ThreatX. Splunk, Phantom and the SplunkPhantom logo are trademarks of Splunk.