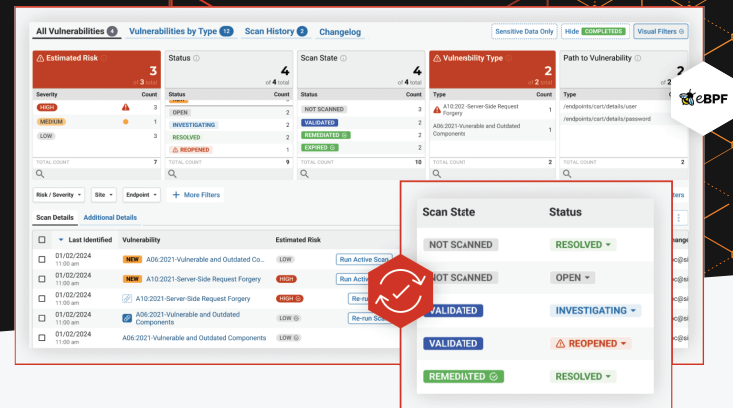# THREATX

ThreatX Prevent

Combining Runtime Observability and Persistent Vulnerability Detection with Dynamic Testing

Vulnerable APIs, exposed applications, and data left at risk – thanks to traditional, point-in-time scanners and poorly managed vulnerabilities.

Real-Time Observability into API & App Traffic

Fueled by digital transformation, application development is moving faster than ever before, and legacy applications are being migrated to the cloud. More vulnerable applications and APIs are being pushed into production every day –leaving user's data and organizations at risk. The flexibility and ease of deploying cloud and containerized environments makes it easier than ever to add new capabilities but also introduce new vulnerabilities. With ThreatX Prevent, DevOps and Security teams gain real-time observability into API/App ecosystems, traffic data exchanges, threats, and vulnerabilities across containerized multi-cloud infrastructures.

Always-Active API Security for DevSecOps

In today's fast-paced world, code is continuously pushed to production and many DevSecOps teams struggle to prioritize and manage vulnerabilities. Traditional application and API testing solutions fall short in providing two essential elements: real-time monitoring and continuous vulnerability detection. Without these, comprehensive API security from code to runtime cannot be easily achieved. Prevent vulnerabilities earlier on with always-active API security, combining persistent detection of vulnerabilities and targeted dynamic scanning to enable DevSecOps teams to prioritize vulnerabilities based on risk. Drive remediation workflows to fix vulnerabilities with development teams while protecting vulnerable APIs with security— all with ThreatX's Prevent solution.

The Rise in Runtime Threats to APIs and Apps

Vulnerable APIs and applications offer a ripe target for attackers. While the *Log4Shell* vulnerability served as a wake-up call, patching these gaps is not easy. Consider the state of organizations today:

» 72 percent remain vulnerable to Log4Shell more than a year later *(Tenable, November 2022)*

» Only 37 percent have a runtime vulnerability management program *(Dynatrace 2022 CISO Report)*

» Only 4 percent of organizations have real-time visibility into runtime vulnerabilities in containerized production environments *(Dynatrace 2022 CISO Report)*

ThreatX Prevent Enables You to:

» Gain real-time observability into API/App runtime ecosystems, system calls, traffic data exchanges, threats, and vulnerabilities.

» Continuously detect API vulnerabilities across containerized multi-cloud infrastructures

» Drive vulnerability remediation earlier on with prioritization and protection.

» Empower DevOps and Security to secure APIs & Apps—within one solution.
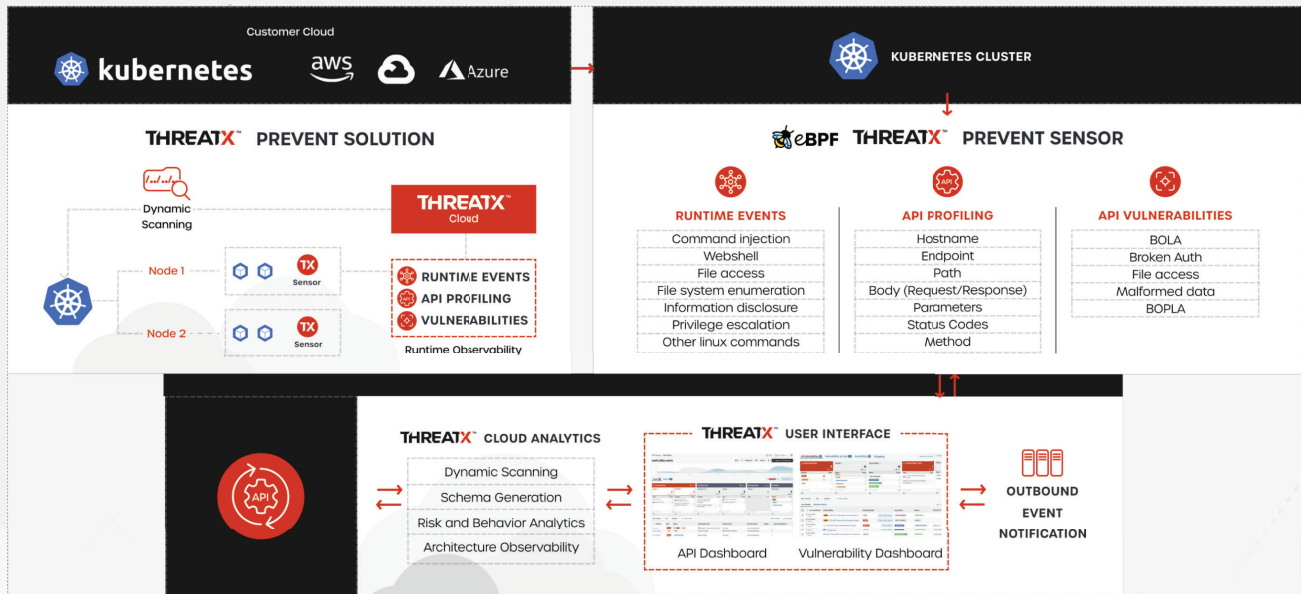
APIs & Application Vulnerability Prevention

Change the way your DevOps and Security teams work together by fostering better collaboration with runtime observability and always-active API security capabilities to prevent vulnerabilities earlier on. ThreatX's patent-pending eBPF sensor provides runtime observability, persistent vulnerability detection, and targeted dynamic testing. Teams can prioritize fixes with development or apply virtual patches for protection within one solution. With ThreatX Prevent, DevOps and Security teams can secure APIs and applications with observability, prevention, and protection.

Benefits of ThreatX Prevent include:

» Broader observability into API & App traffic coming from the network or happening at runtime.

» Identify vulnerabilities faster and more effectively.

» Reduce risk with built-in remediation workflows.

» Prevent exploitation of vulnerable APIs and exposed applications.

» Empower DevOps and Security to manage vulnerabilities better than ever before with a unified solution.

Easy Deployment Through eBPF Technology

ThreatX Prevent solution is deployed as a sidecar container within a Kubernetes environment. With eBPF, ThreatX Prevent inspects all runtime and network traffic from one place—without requiring an in-line deployment. applications

Prevent Vulnerabilities Earlier
You can deploy ThreatX Prevent as a standalone solution or couple it with the ThreatX Protect solution.

LIVE DEMO
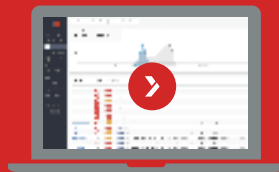
Ready to take a look under the hood?
Take the next step. Request a demo today and see how ThreatX can enable development to detect and remediate vulnerabilities earlier on while protecting vulnerable APIs.

THREATX

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