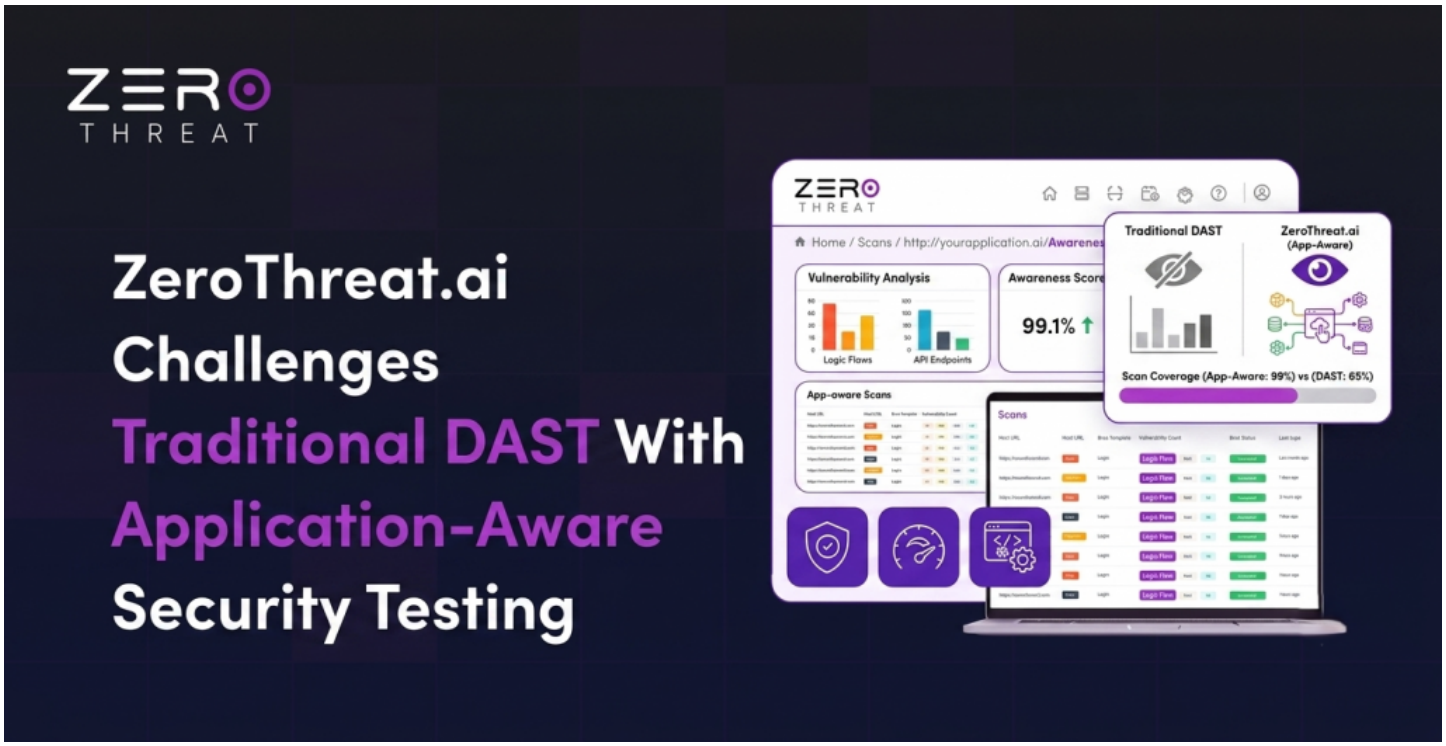
ZeroThreat.ai Challenges Traditional DAST With Application-Aware Security Testing

Moving beyond crawl-and-scan security, ZeroThreat.ai combines application awareness, authenticated workflow testing, AI-powered analysis, and proof-based validation to uncover vulnerabilities that conventional DAST tools frequently overlook.



Chicago, Illinois Jul 28, 2026 (Issuewire.com) - As modern web applications become increasingly dynamic, API-driven, and dependent on complex authentication flows, traditional Dynamic Application Security Testing (DAST) approaches are struggling to keep pace. ZeroThreat.ai's AI-powered pentesting addresses this challenge with an application-aware security testing approach, designed to provide organizations with deeper visibility into modern applications by understanding how they actually function rather than simply scanning exposed URLs.

For years, DAST has served as a foundational layer of application security by identifying vulnerabilities in running applications. However, today's enterprise applications rely heavily on single-page architectures, authenticated user journeys, business workflows, APIs, and dynamically generated content that conventional crawl-and-scan engines frequently fail to explore comprehensively.

ZeroThreat.ai's application-aware pentesting extends beyond traditional DAST by intelligently understanding application behavior, navigating authenticated workflows, executing multi-step user journeys, and validating vulnerabilities before presenting them to security teams. The result is broader coverage, significantly fewer false positives, and more actionable findings for developers and security professionals.

"Our goal was never to build another scanner," said Ajay Ojha, CTO of ZeroThreat.ai. "Modern applications behave nothing like the websites security tools were originally designed to test.

Authentication, business logic, JavaScript frameworks, APIs, and dynamic workflows require security testing that understands context. ZeroThreat.ai brings that application awareness into security testing so organizations can identify risks that traditional DAST often cannot reach."

Unlike conventional security scanners that primarily depend on automated crawling, ZeroThreat.ai enables organizations to securely execute authenticated user journeys across modern web applications. Using intelligent workflow execution, the platform navigates login-protected areas, multi-step business processes, dynamic user interfaces, and API interactions while continuously analyzing application behavior for security weaknesses.

The platform combines multiple technologies into a unified testing experience, including:

- Application-aware authenticated security testing
- Intelligent workflow execution for modern web applications
- Business logic vulnerability detection
- Comprehensive API security testing across REST, GraphQL, SOAP, and gRPC
- AI-powered vulnerability analysis and remediation guidance
- Proof-based validation to reduce false positives
- Enterprise-ready deployment across cloud and on-premises environments

As organizations accelerate AI adoption and modernize digital platforms, application architectures continue to evolve faster than legacy security testing methodologies. ZeroThreat.ai believes security testing must evolve from simply scanning applications to understanding them.

"Security teams today are under constant pressure to move faster without compromising coverage," said Dharmesh Acharya, Co-Founder of ZeroThreat.ai. "Application-aware security testing represents the next evolution of DAST because it aligns security with the way modern software is actually built. By combining contextual understanding with AI-driven analysis and validation-first testing, we're helping organizations spend less time triaging noise and more time fixing real security risks."

ZeroThreat.ai's validation-first approach verifies exploitability before reporting vulnerabilities, helping security teams prioritize findings with greater confidence. Combined with authenticated testing, AI-assisted analysis, and application-aware workflow execution, the platform enables organizations to continuously secure increasingly complex digital environments while improving operational efficiency across development and security teams.

The announcement reinforces ZeroThreat.ai's continued focus on advancing intelligent, AI-driven application security for enterprises navigating modern software architectures, rapid release cycles, and increasingly sophisticated cyber threats.

About ZeroThreat.ai

ZeroThreat.ai is an AI-powered application security platform helping organizations identify and remediate vulnerabilities across modern web applications and APIs. Combining application-aware

security testing, intelligent workflow execution, proof-based validation, and AI-driven analysis, ZeroThreat.ai enables security teams to achieve deeper coverage with fewer false positives. The platform supports cloud and on-premises deployments, authenticated application testing, API security, and enterprise-scale security operations, empowering organizations to build and deploy software with greater confidence.

Media Contact

ZeroThreat Inc.

*********@zerothreat.ai

189 Sype Dr, Carol Stream

https://zerothreat.ai/

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