Managed Application Security Testing (AST)

Reduce your risk of a breach by identifying and exploiting business-critical vulnerabilities with on-demand security testing expertise

Overview

The roles of today's security professionals and software developers have become multidimensional. With their increased responsibilities, they must do more in less time, all while keeping applications secure. If you want to mitigate risk and address your compliance requirements, application security testing is an essential component of your software security initiative. But what if your team lacks the resources or skills to apply AppSec testing effectively across your full application portfolio? Synopsys Managed Application Security Testing enables you to deliver the application testing coverage you require to achieve your risk management goals.

Key benefits

- **Flexibility.** Our easy-to-use, ISO 27001-compliant portal empowers you to manage your assessments. Schedule tests, set the desired depth of testing, and make modifications as business requirements change and threats evolve.
- **Coverage.** Test applications you might miss owing to resource constraints.
- **Consistency.** Get the same high-quality testing results all the time for any application.
- **Enablement.** We walk you through your test results and help you develop a remediation plan best suited to your needs.
- **Scalability.** We provide scalable testing delivery through our Assessment Centers without compromising manual reviews.
- **Comprehensiveness.** Our blended manual and tool-based assessment approach includes a thorough analysis of results, detailed reporting, and actionable remediation guidance.

Our assessors have the experience and expertise to deliver high-value test results, as we conduct around 1,000 managed application security tests a month.

Get access to the resources you need to scale at speed

Keeping your applications secure calls for continuous access to the people, processes, and technologies that make it possible to scale efficiently and scan with speed. Our Managed AppSec Testing assessments give you the testing flexibility, scalability, and cost-effectiveness to deliver the application testing coverage required to achieve your risk management goals. Through our Assessment Centers, you'll have continuous access to teams of security testing experts with the skills, tools, and discipline to analyze your applications anytime. You can close testing gaps, conduct testing at any depth, and quickly scale to manage high-demand testing periods.

Choose from 5 types of assessments

Choose the type of assessment and depth of test to best match the risk profile of each application in your portfolio. Our Managed AST combines multiple testing tools, automated scans, and in-depth manual tests to give you the most comprehensive application security evaluation.

Dynamic Application Security Testing (DAST)	Penetration Testing	Static Application Security Testing (SAST)	Mobile Application Security Testing (MAST)	Network Security Testing
Identify security vulnerabilities while web applications are running, without the need for source code.	Extend DAST using multiple testing tools and in-depth manual tests focusing on business logic to find vulnerabilities and then try to exploit them.	Systematically scan and apply in-depth manual tests to identify and eliminate common to critical software security vulnerabilities in your source code.	Combine traditional static and dynamic testing techniques to discover security vulnerabilities in iOS and Android applications and corresponding back-end components.	Detect common to critical security vulnerabilities in your external network and systems through automated scanning with manual triaging.

Focus on actionable solutions

We'll never leave you with a laundry list of bugs. At the end of each assessment, our experts will conduct a read-out call with the appropriate development/security team to review each vulnerability we identified during the assessment, answer your team's questions, and discuss actionable mitigation and remediation strategies.

The Synopsys difference

Synopsys helps development teams build secure, high-quality software, minimizing risks while maximizing speed and productivity. Synopsys, a recognized leader in application security, provides static analysis, software composition analysis, and dynamic analysis solutions that enable teams to quickly find and fix vulnerabilities and defects in proprietary code, open source components, and application behavior.

For more information about the Synopsys Software Integrity Group, visit us online at www.synopsys.com/software.

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