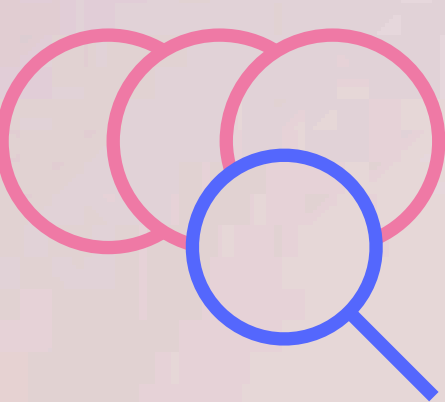


The Power of Modern Application Security



The world is increasingly connected, necessitating faster software delivery. Organizations are turning to modern software development practices to accelerate development.

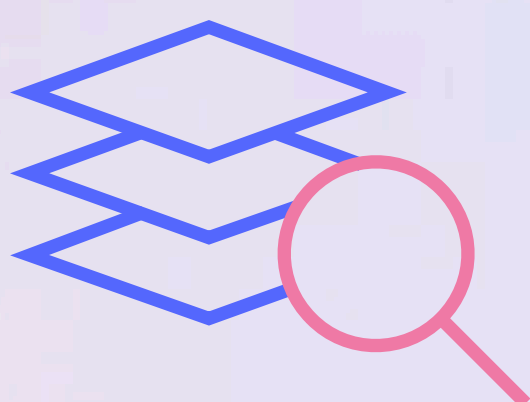
A recent study conducted by Enterprise Strategy Group and commissioned by Checkmarx supports this finding but indicates that modern application development techniques proven to speed software delivery require new-age application security (AppSec) testing types and best practices.



Open-source libraries

Code libraries with open-source licenses that can be used without permission.

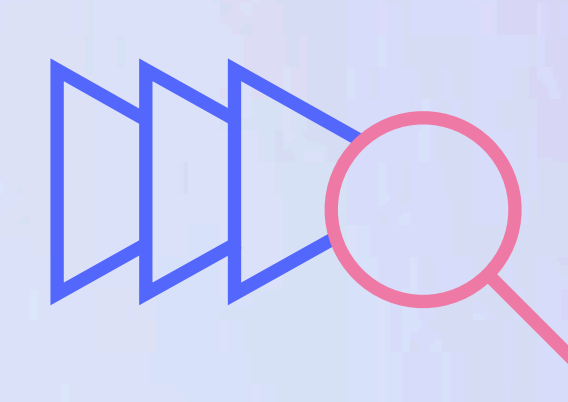
Eliminates duplicate work.



Containers

A small package of application code and its dependencies.

Reusable; scalable.

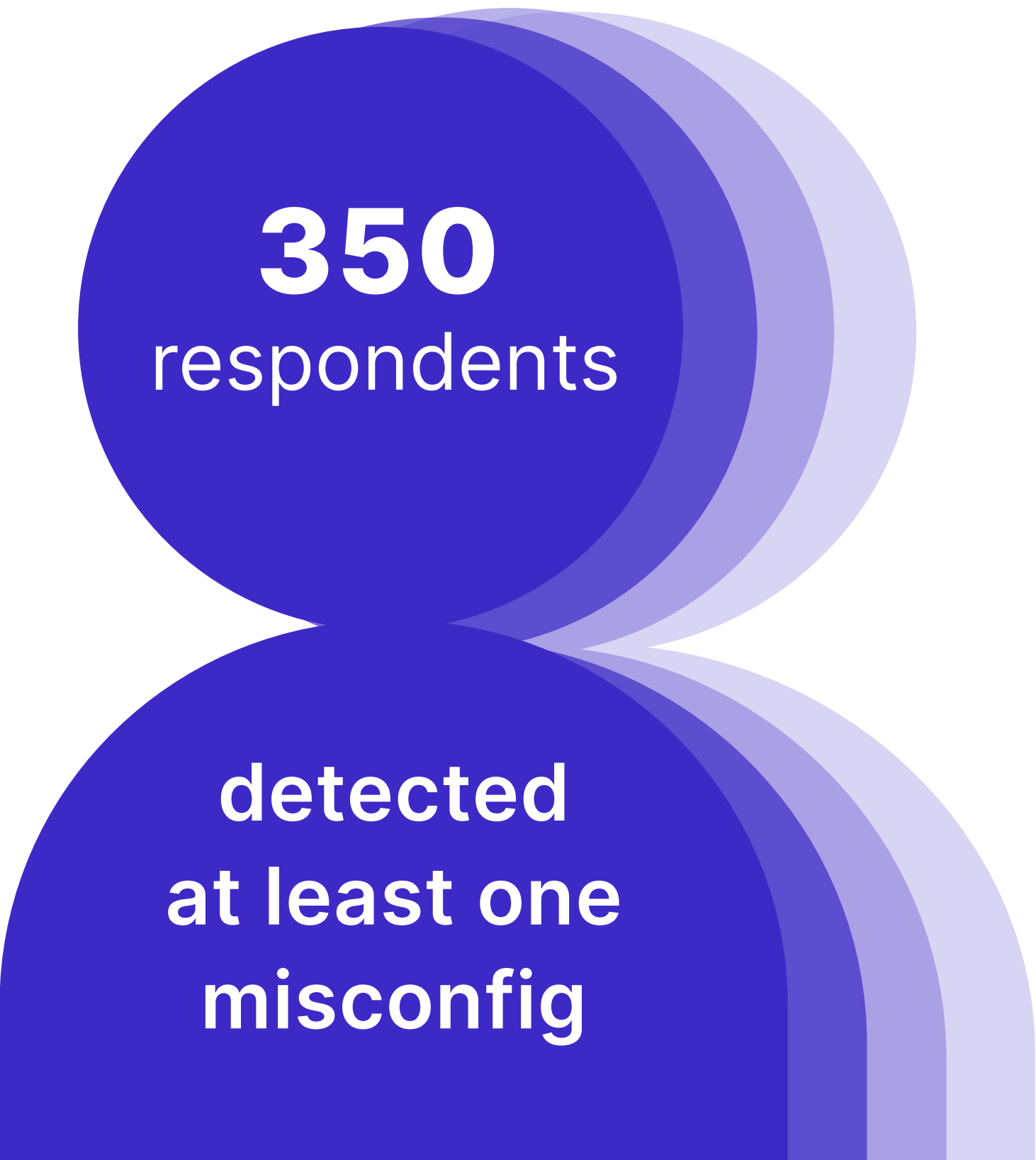


Cloud services and cloud-native technologies

Services delivered on-demand, over the internet.

Enables developers to provision their own infrastructure.

Cuts time with ready-to-use configuration templates and increased scalability.



With new development methods, misconfigurations are inevitable

350 respondents indicated that they detected at least one misconfigured cloud application or service in the last twelve months. The results of the misconfigurations are on the next page.

The following are the results of the misconfigurations:



I detected a misconfigured cloud application that led to the introduction of crypto-jacking malware. It was devastating for the organization."

Hope Goslin, Content Marketing Lead, HG Associates

There is such thing as too many application security testing tools

The ESG study uncovered that 70 percent of respondents are employing more than 11 individual AppSec testing tools. Respondents are not reaping the full benefits of the tools because they are juggling multiple vendors and combatting pushback from developers who are experiencing disruptions to their workflows and speed of deployments. Respondents are also finding that some developers lack the secure code training needed to remediate vulnerabilities.

*Service level agreements

The most common challenges organizations are experiencing with current AppSec tools include:



Know what to look for when selecting AppSec testing tools for modern development



Easy to integrate and automate into the developer's existing tools and workflows.



Hands-on secure code training tools that enable developers to practice remediating real-world vulnerabilities.



A comprehensive software security platform that offers all of the testing tools you need from design through deployment.



Unified, easy-to-read reporting that correlates contextual data and other metadata from the scans to help organizations understand the impact of vulnerabilities and prioritize flaws.

WANT TO LEARN MORE?

Learn more about the findings from the Enterprise Strategy Group by downloading the full report.

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