

State of Code Security:

The AppSec Maturity Marathon

It's clear that the path to AppSec Maturity is not a sprint. Below are some of the key findings and challenges organizations face on their AppSec journey taken from the survey results of our State of Code Security report.



The AppSec Maturity Road

Many organizations are still at the starting point when it comes to implementing DevSecOps.

57%

of organizations are implementing DevSecOps.

29%

of organizations plan on implementing DevSecOps in the next year.

14%

are not implementing DevSecOps at all and have no plans to do so.

60%-64%

are still relying on manual methods to find vulnerabilities

Static application security testing (SAST) has caught on. Most are not yet deploying dynamic methods, although they plan to do so.

↑ 56%

use SAST and perform application security assessments.

↑ 45%

have implemented dynamic analysis tools.

↑ 37%

currently use interactive application security testing (IAST), a dynamic analysis tool. However, an additional **46%** are planning to adopt IAST in 6 months or a year.

Everyone feels vulnerable around APIs, but small businesses aren't doing enough about it.

API security is ranked as the number one area where all organizations feel most vulnerable.

But only 39% have a dedicated tool to test API security.

Half of larger organizations but only 31% of smaller organizations tend to have a dedicated tool.

39% of small businesses treat API security the same as they do web applications.

18% of small businesses do not perform security testing on APIs at all

Almost half are planning to implement software compositional analysis (SCA) in response to open-source component concerns

Open-source components are ranked as the second most vulnerable area.

26% of respondents are challenged by the frequent use of insecure open-source code libraries.

Maintaining security of the software supply chain is a bigger worry for larger organizations (**27%**) than smaller (**18%**).

46% are planning a move to SCA within the next year.

Robust application security isn't a sprint; it's a distance race with many potential obstacles along the way.

Read the full report to learn more about the factors influencing tool adoption, key implementation challenges, and the main takeaways from our code security survey report.

[Read Full Report](#)