

Developers Are Taking Over Security

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AppSec is becoming more complex as release frequency increases

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Responsibility over AppSec is shifting to development teams

3

Developers need security baked into DevOps



AppSec is becoming more complex as
release frequency increases

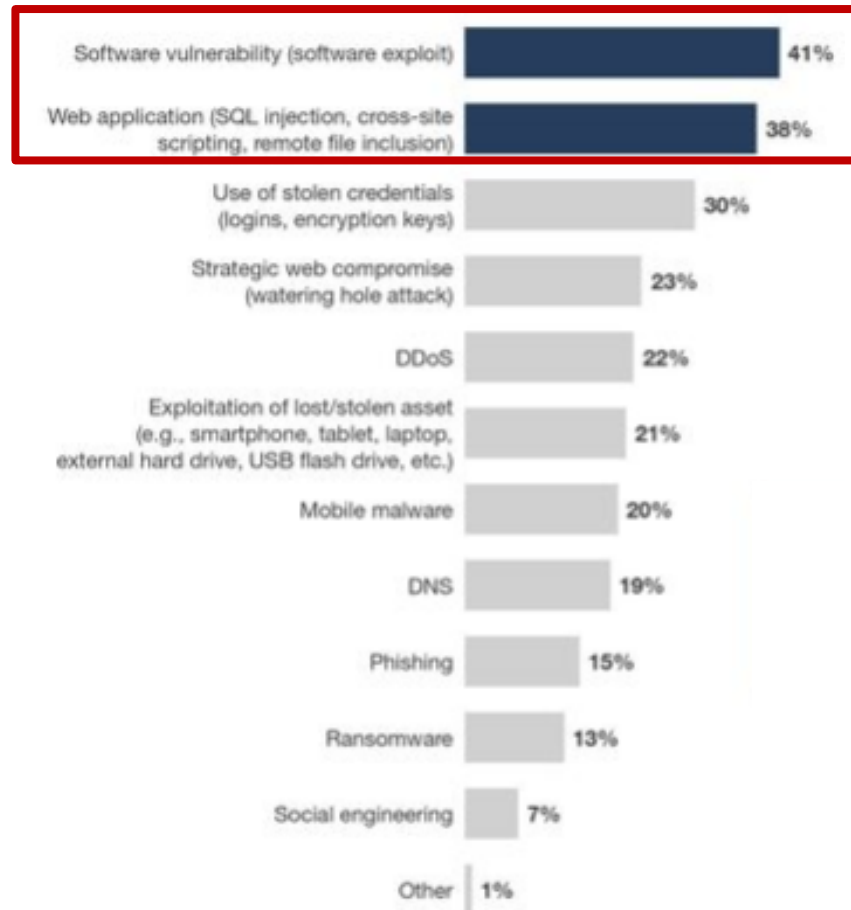




AppSec is a top priority for companies developing software

"How was the external attack carried out?"

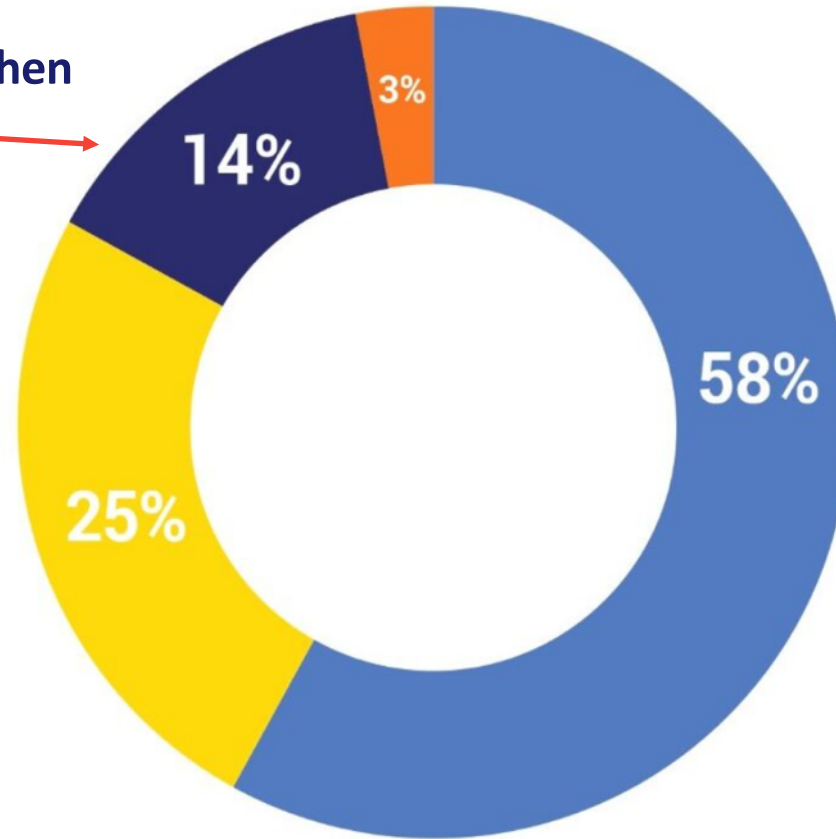
(Multiple responses accepted)





Are you taking security into consideration during coding?

I handle security only when
an issue arises

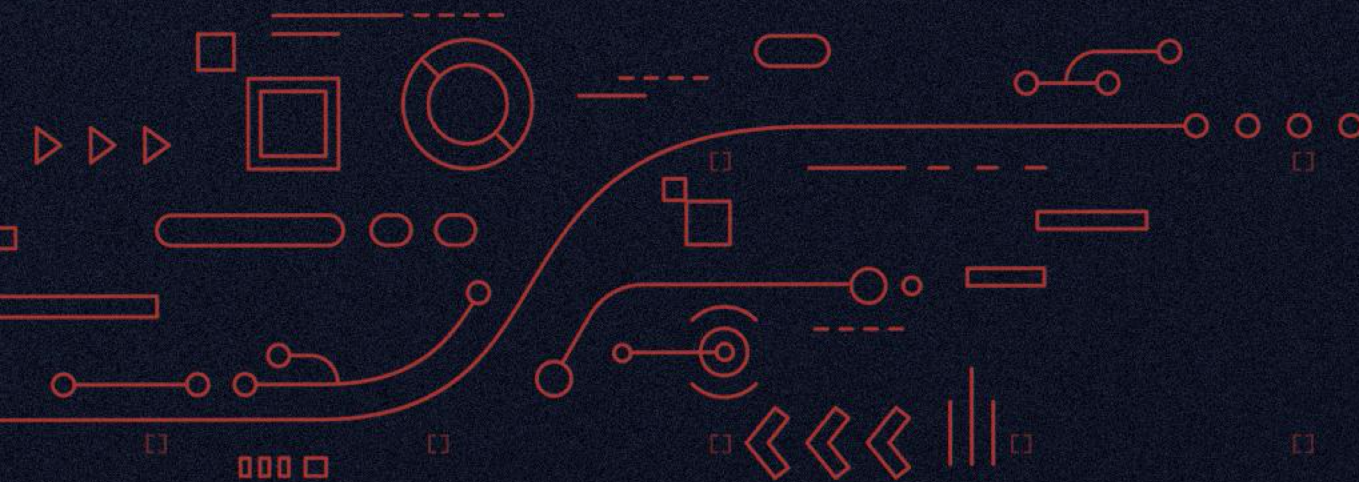


58%

see security as top priority

Source: WhiteSource Survey

Responsibility over AppSec is shifting
to development teams



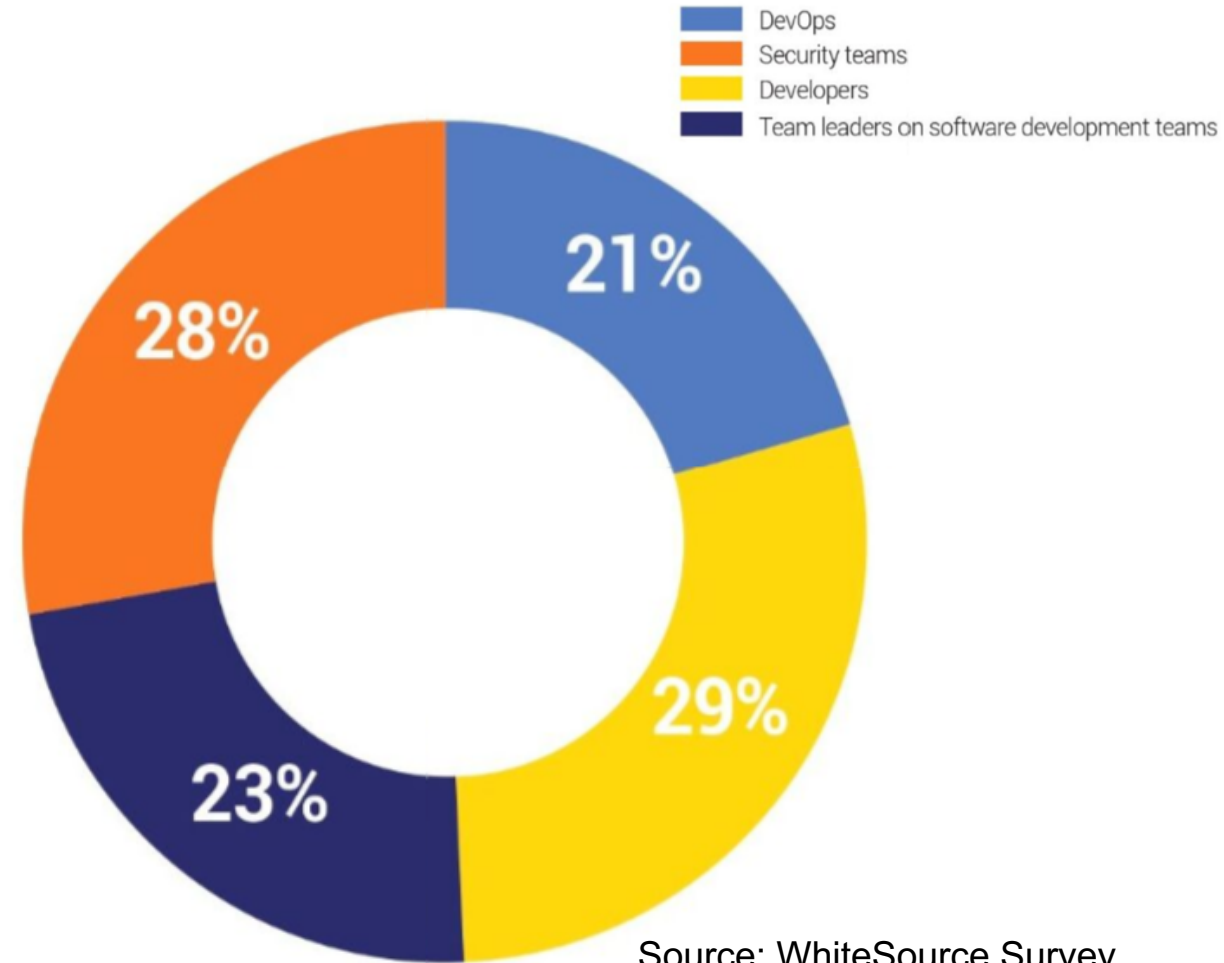
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Who owns application security in the organization?

72%

of respondents state that ownership lies with the software development teams



Source: WhiteSource Survey

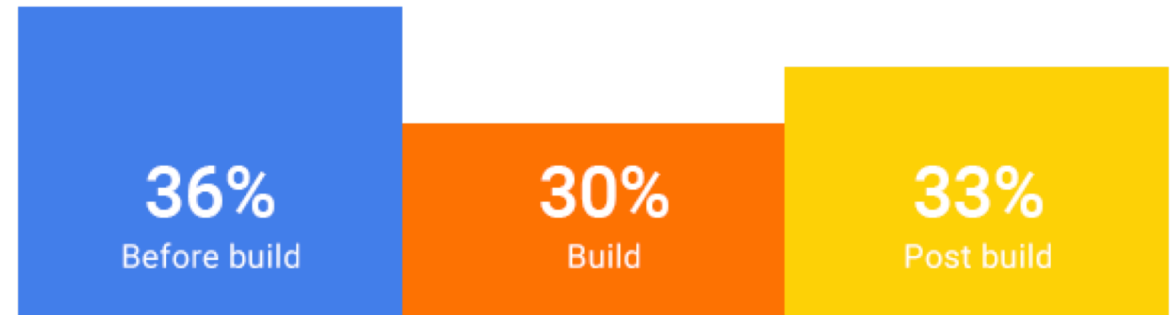


The impact of developers taking over security is that they are integrating security tools earlier in the SDLC

66%

of developers are taking action towards application testing on build stage or before.

In what stage of the SDLC do you spend most of your time implementing security measures?



Do developers have the tools needed
for the job?



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Detect Issues As Early As Possible

The cost of fixing security and quality issues is rising significantly, as the development cycle advances.





Health: Easier Said Than Done

- Everyone knows it's important to be healthy
- Most people know what it takes to be healthy
- Yet, the majority of people aren't anywhere near as healthy as they'd like





Developers need robust tools, that fit into their DevOps workflows



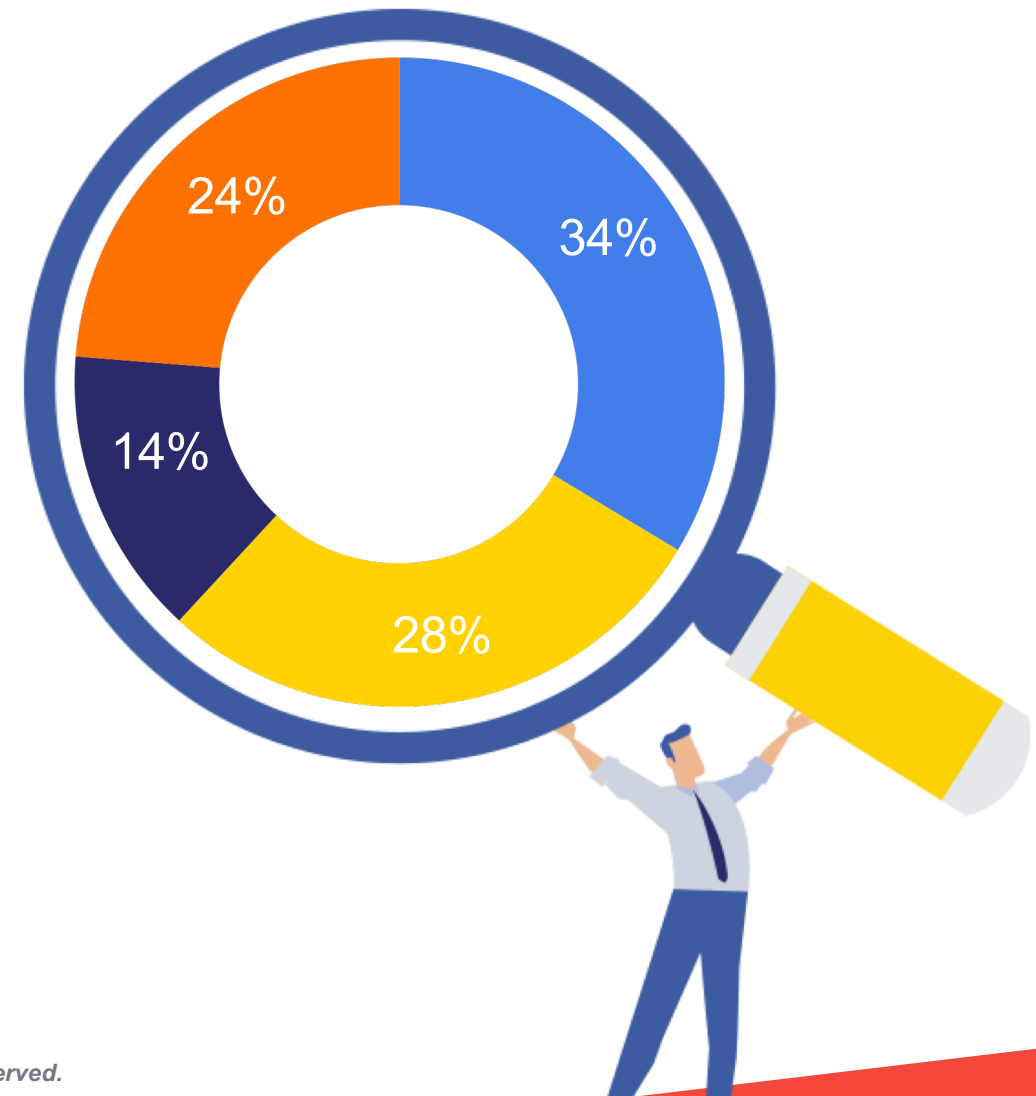


The Rise of Automated DevOps Security Tooling

34%

of respondents are using automated software composition analysis tools

- We have tools that continuously detect open source vulnerabilities in our applications
- We are using a code scanner to review our software once or twice a year
- I manually check for open source vulnerabilities, but only for the high severity ones
- The security team notifies me





DevOps Security: The Future

- Processes that are not automated are liable to be missed
- Security needs to be a high priority and never missed
- Therefore, security needs to be an automated part of every DevOps workflow, including regular dependency updates

Thank You

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