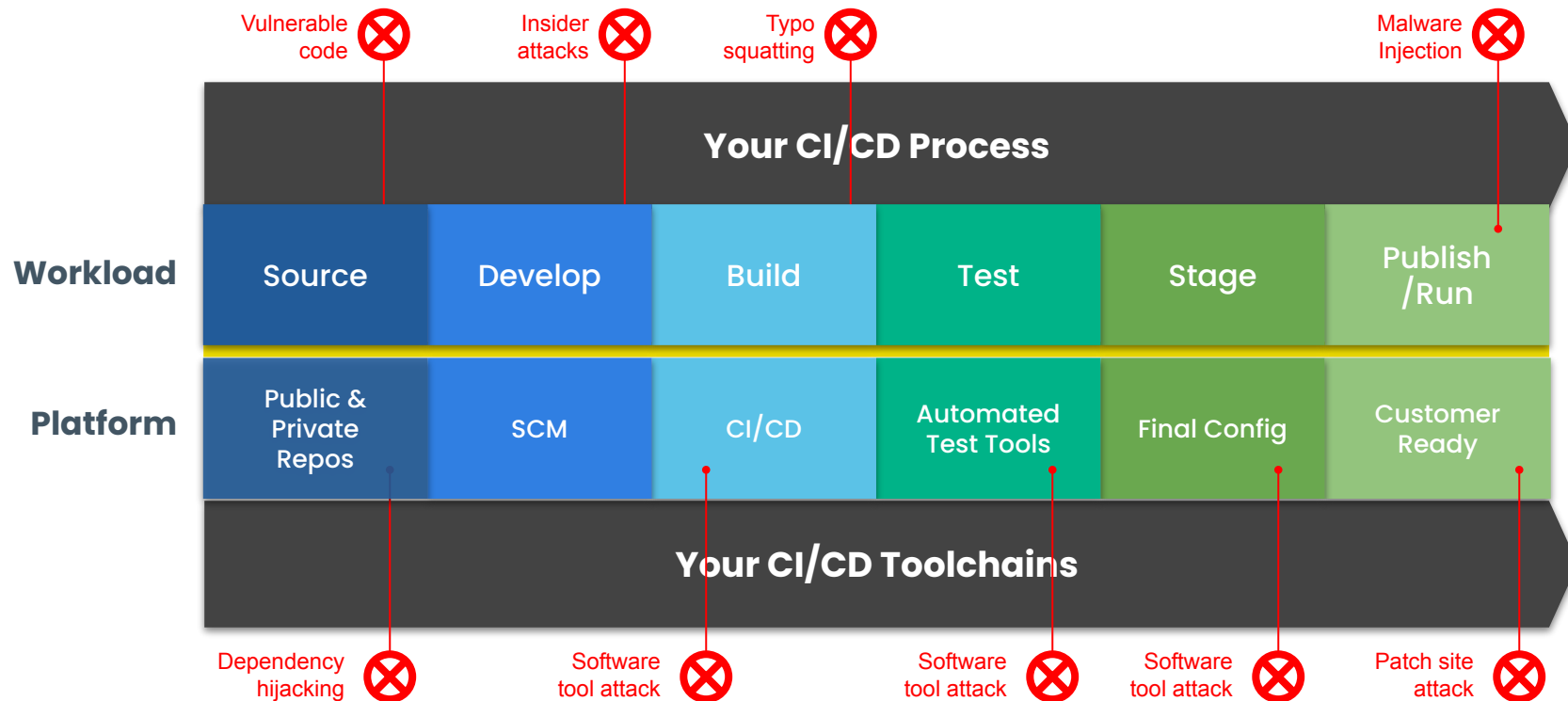




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**Saving the Software Supply Chain:
Critical Trends and 5 Must-Dos for DevOps**

Why Focus on Software Supply Chain?



Survey: Technology Leaders at Large Orgs



Roles

48% CIO | CTO | CISO | VP
23% Director
29% Manager | Architect

Functions

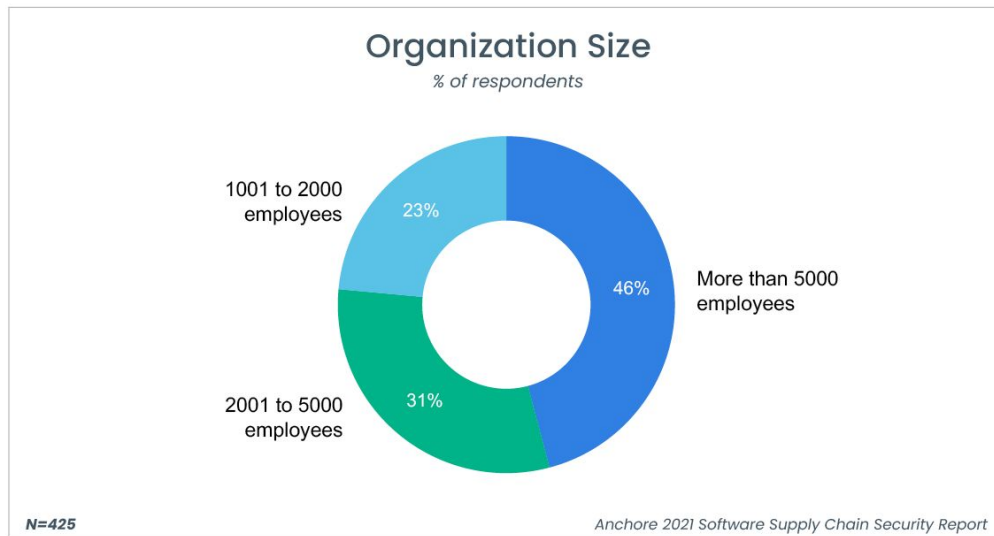
IT | Security | Dev | DevOps | Cloud

Industries

Software | Financial Services | Cloud |
Healthcare, Manufacturing | Public Sector |
Retail | and more

Regions

73% North America
27% Europe



All respondents from orgs with more than 1000 employees

Sharing Encouraged:

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Growing Container Adoption Creates New Security Challenges

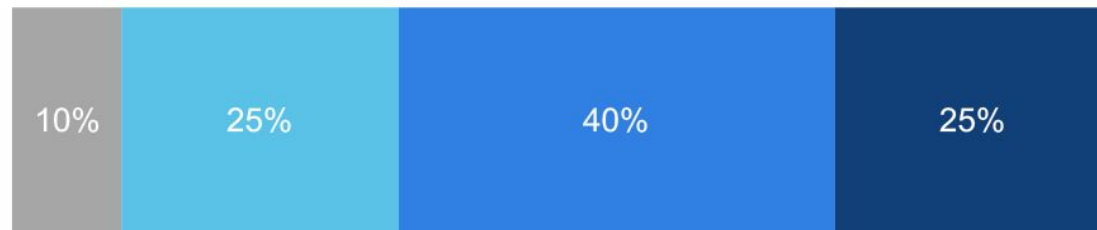
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Respondents Show Container Maturity



Container Adoption Maturity

% of respondents



Starting
*A few apps
in containers*

Beginner
*Some apps in
containers*

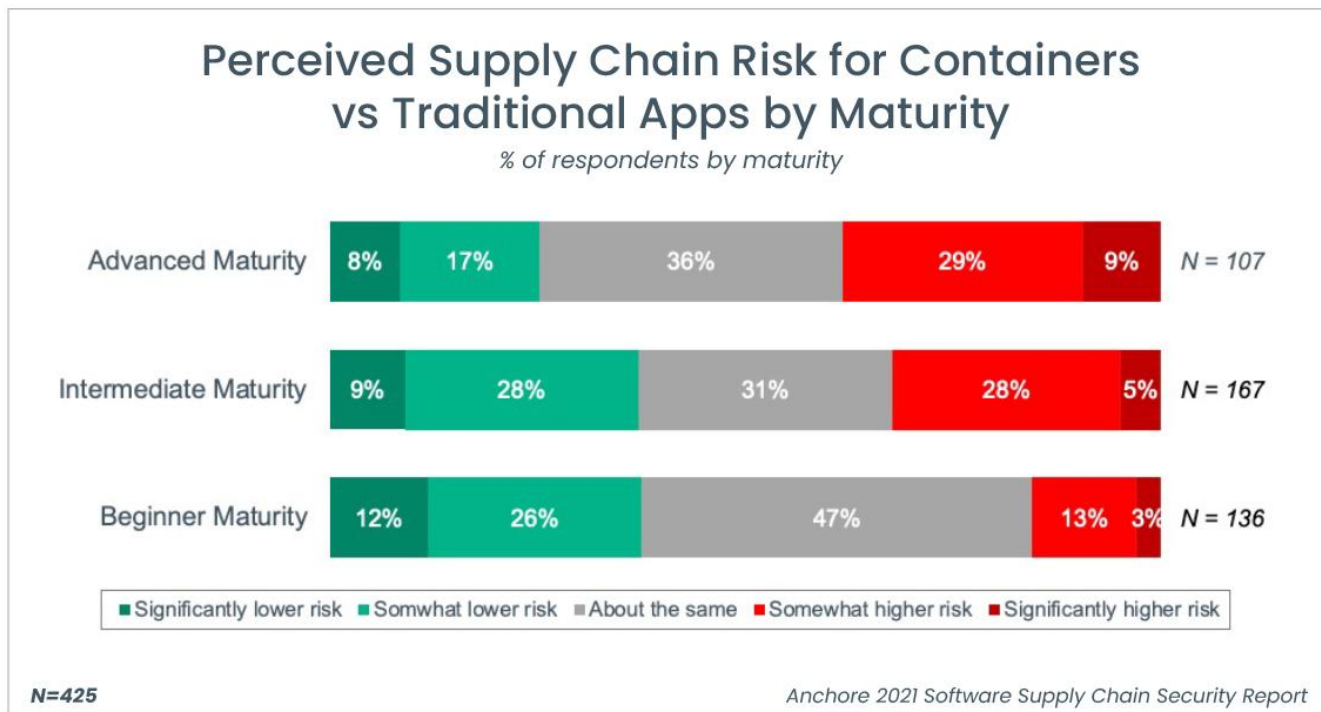
Intermediate
*Significant number of
apps in containers*

Advanced
*Most apps in
containers*

N=425

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Advanced Container Users See Higher Risks



DevOps Must-Do #1

Create Specialized Processes that
Understand Containers



Cloud-Native Apps Use Code from Multiple Sources

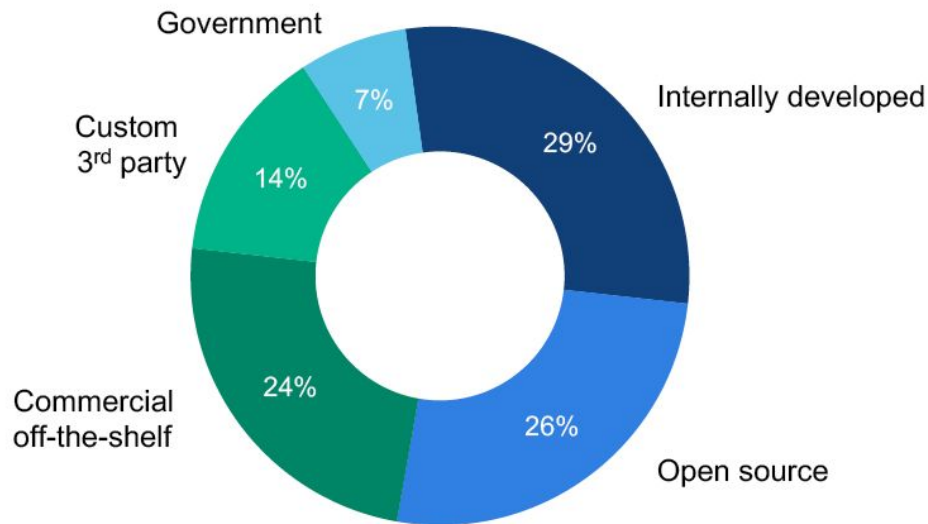
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Users Underestimate OSS Usage



Source of Software in Containers

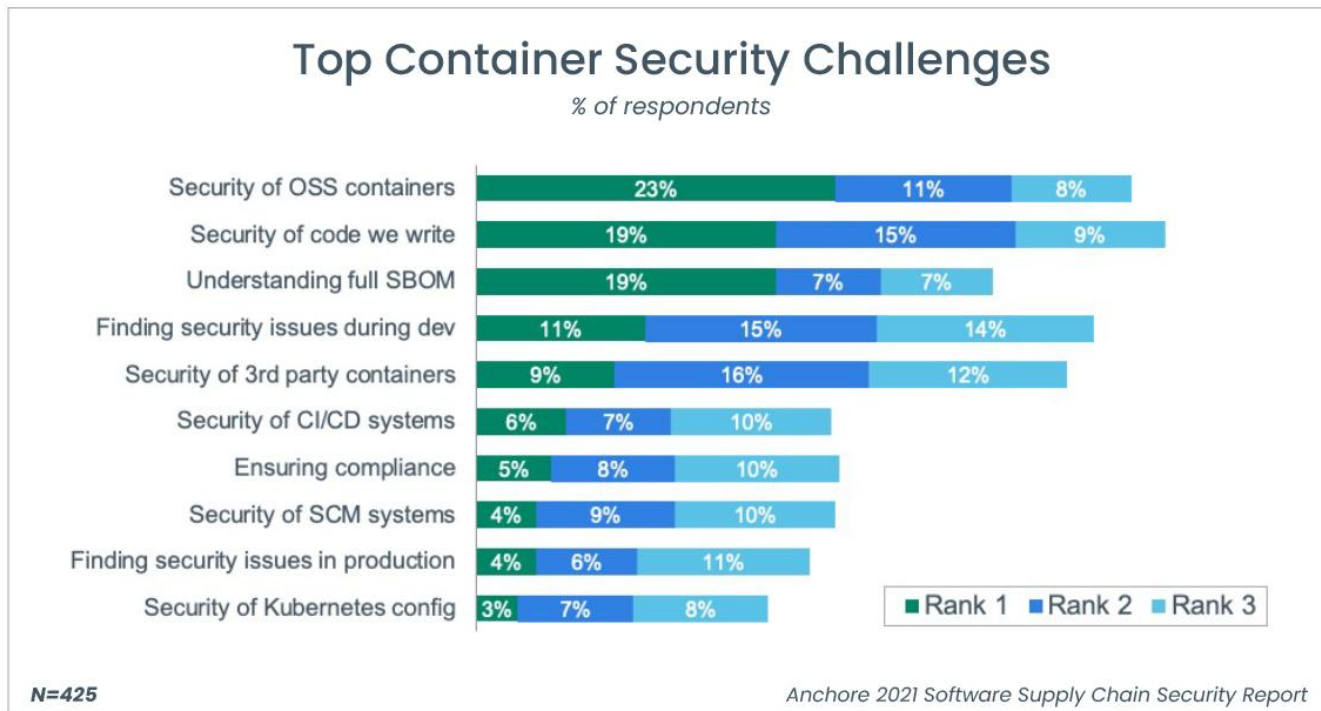
Estimated % of Application Code



N=425

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OSS is Top Challenge for Containers



DevOps Must-Do #2

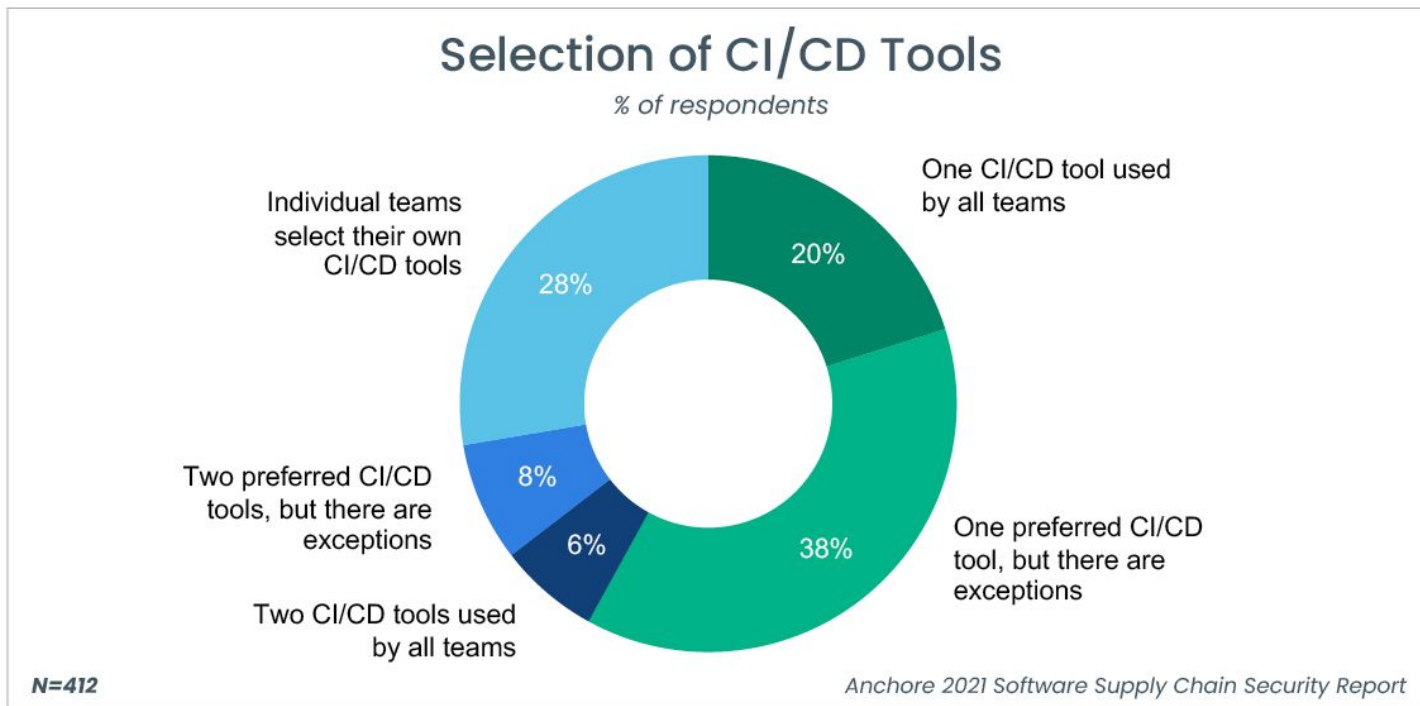
Pay Closer Attention to Software
Not Developed In-House



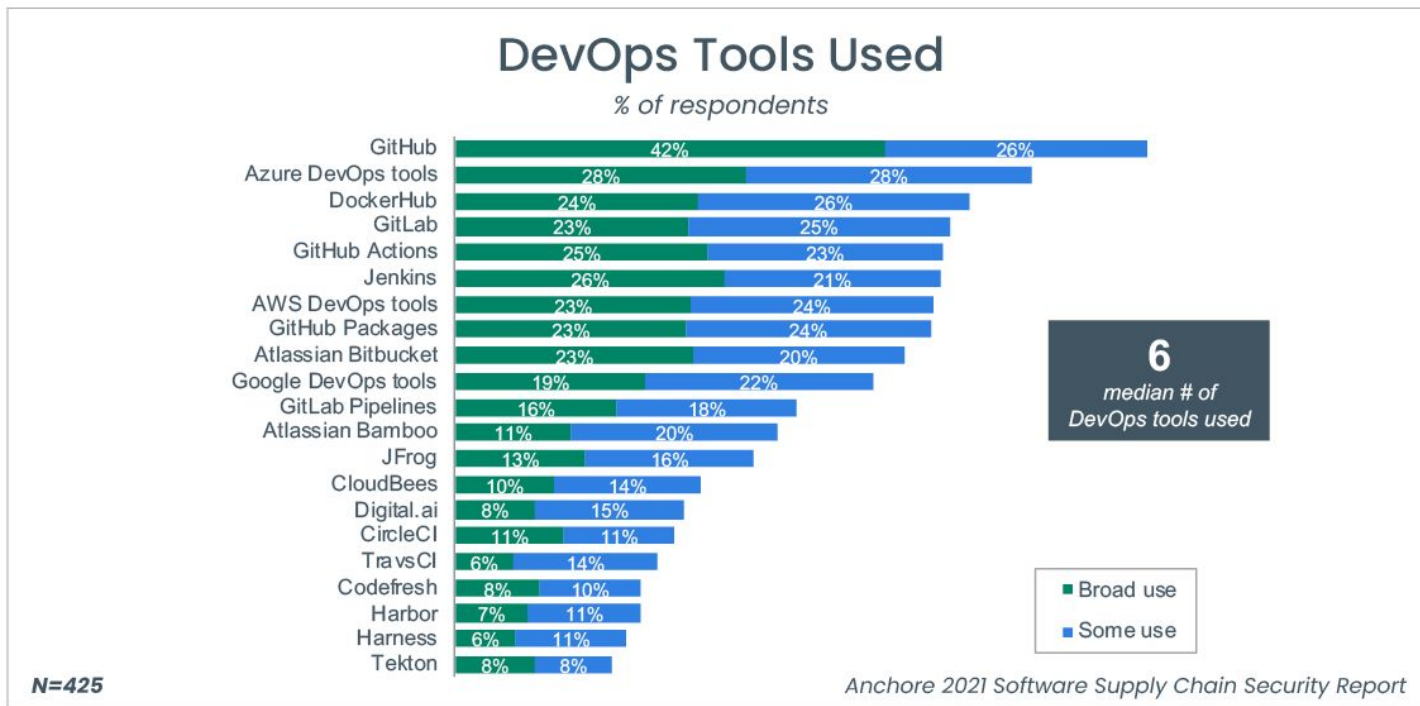
Diverse DevOps Toolchains Require Security Attention

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Selection of CI/CD Tools



DevOps Tools Used



DevOps Must-Do #3

Need an Approach for Security
and Compliance that Spans
Diverse Tools

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Room for Improvement in Securing the Software Supply Chain

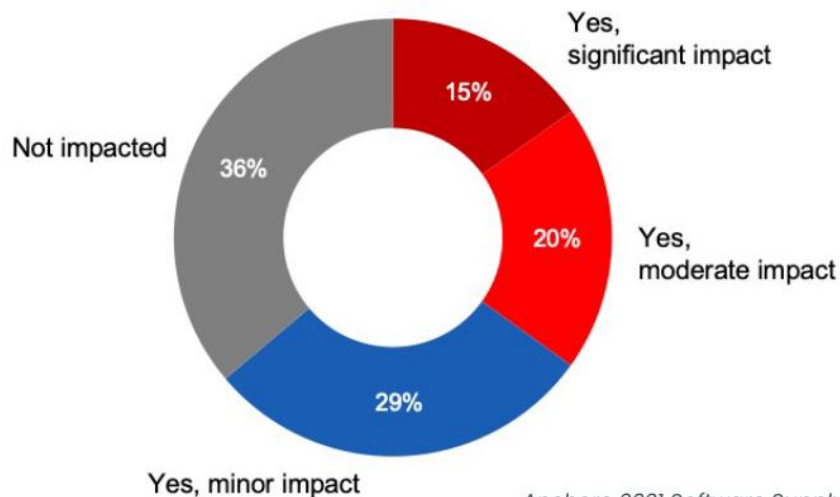
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Supply Chain Attacks Impact 64% of Orgs



Affected by Software Supply Chain Attack in Last 12 Months

% of respondents



N=401

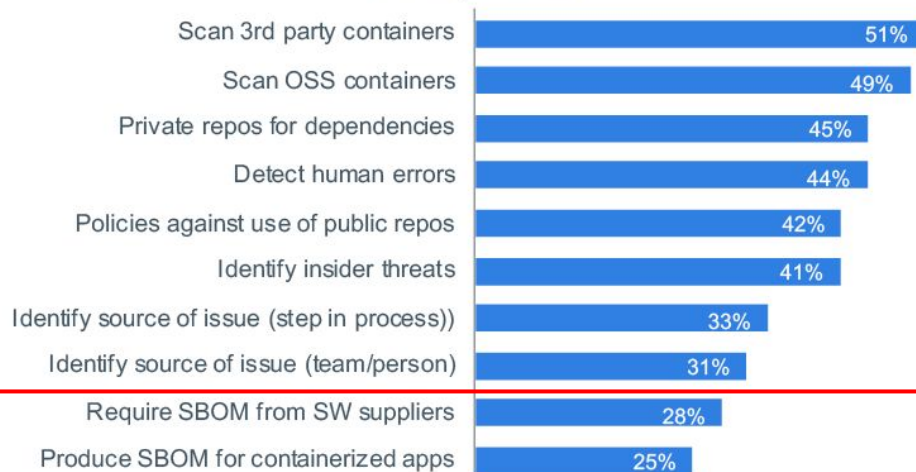
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Limited Use of Supply Chain Best Practices



Supply Chain Practices Implemented for Containers

% of respondents



N=425

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DevOps Must-Do #4

Get on a path to ingest and
produce SBOMs

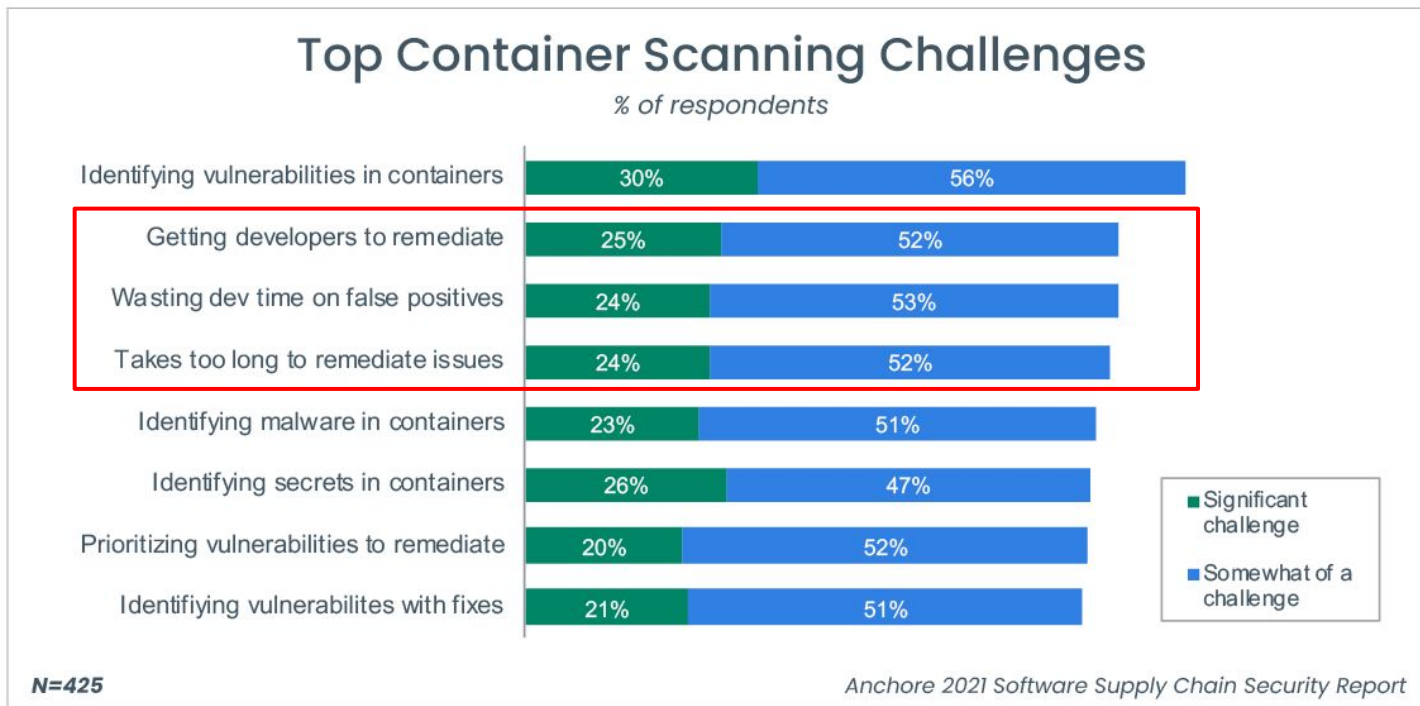
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Organizations Face Container Scanning Challenges

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Orgs Face Scanning Challenge

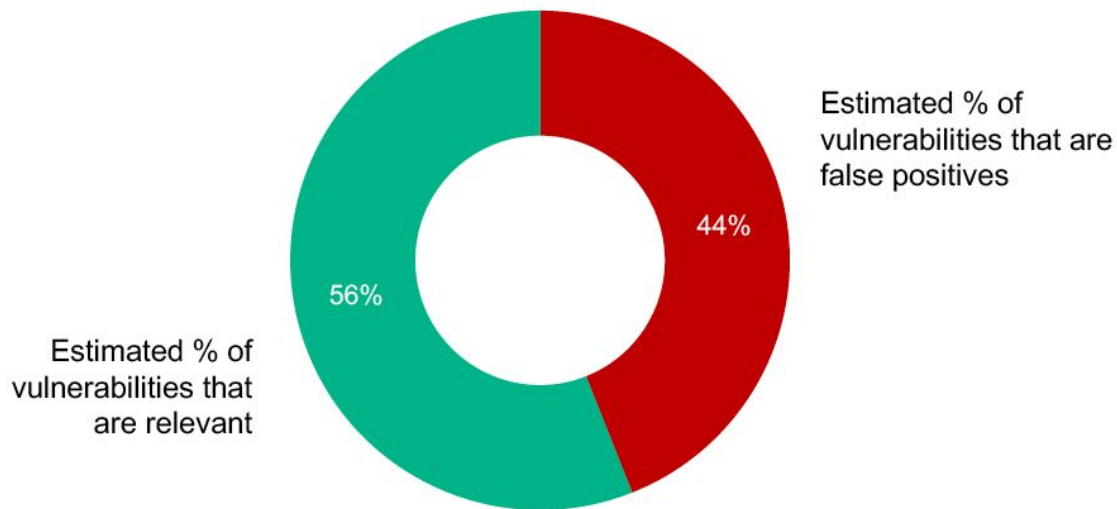


False Positives are a Significant Problem



Accuracy of Scanning Results

% of vulnerabilities



N=351

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DevOps Must-Do #5

Shift-left for security automation
to find issues closer to when they
are introduced



Q&A

Get the full results of the Software Supply Chain survey

anchore.com/survey

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