
AWS
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PRT052

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Secure your application development with AWS and Mend

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New integrations between Mend and AWS

New Amazon CodeCatalyst



Automated open source vulnerability detection with Mend SCA

AWS CodeCommit
AWS CodeBuild



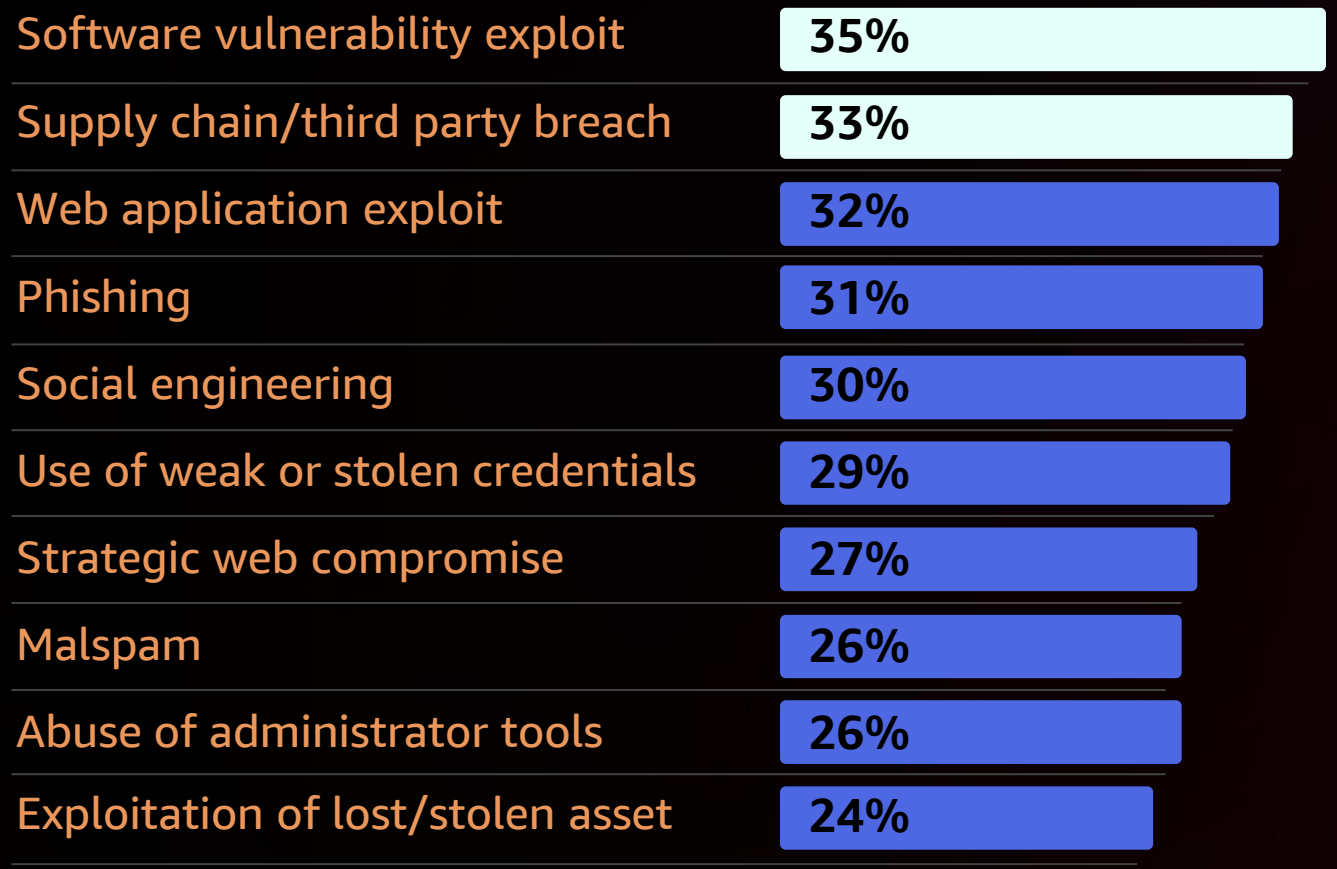
New

Automated dependency updates with Mend Renovate

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Threats are mostly focused on software applications



35% of external attacks were carried out through software vulnerability exploits[1]

33% of external attacks from supply chain or third-party breaches[1]

59% of organizations' top objective is protection of applications[2]

[1] Forrester, "The State Of Application Security," 2021. Base: 530 Security decision-makers with network, data center, app security, or security ops responsibilities who experienced an external attack when their company was breached. bit.ly/3GwmOmZ

[2] Ponemon Institute, "Reducing Enterprise Application Security - Risks: More Work Needs to Be Done" – mend.io/resources/research-reports/whitesource-ponemon-research-report/

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Open-source usage has increased dramatically

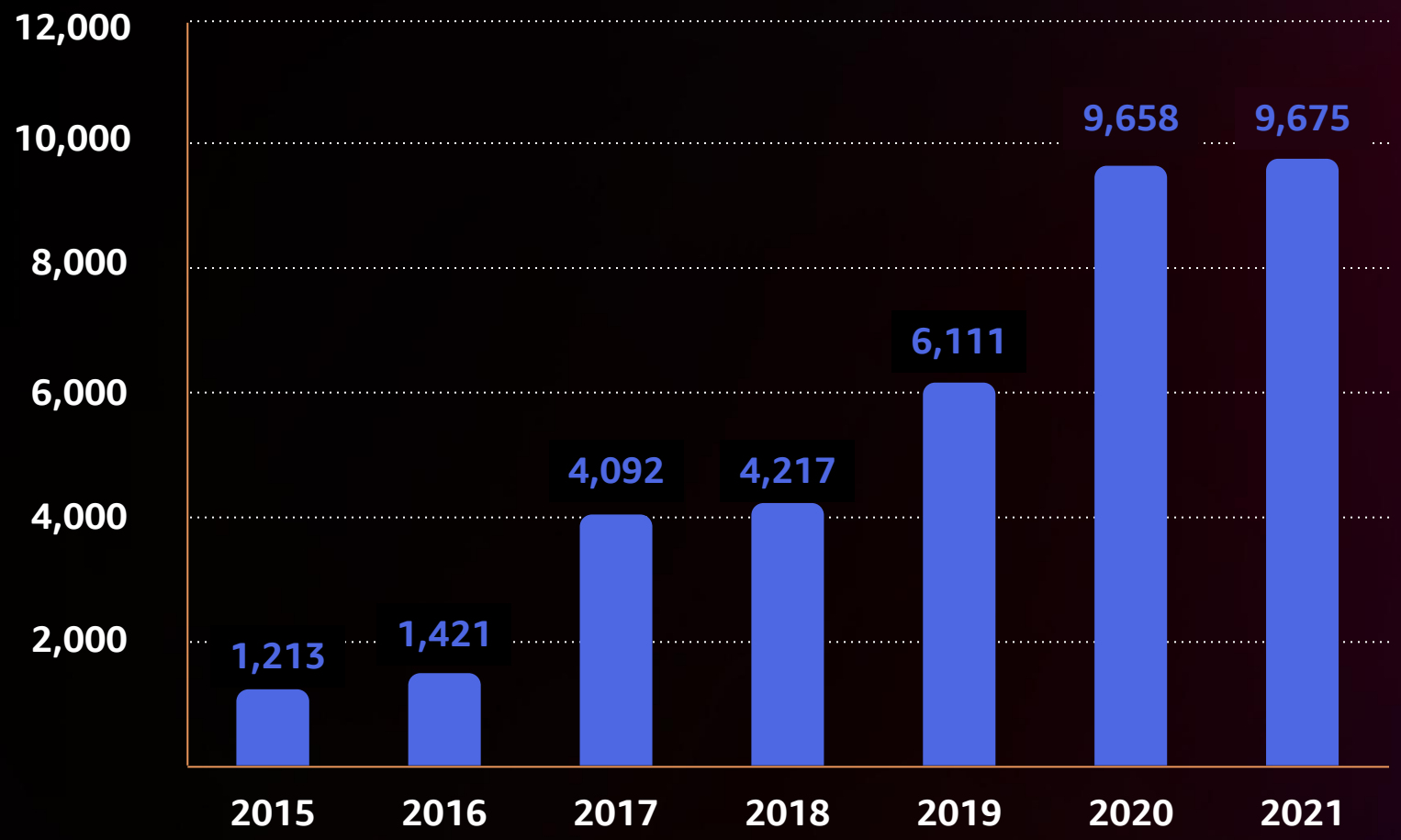


of audited code bases in 2020 relied on open source compared to **26% in 2015**[1]

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Increasing vulnerabilities



Log4j
Spring4shell

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Gartner opinion

"Managing open-source software is the easiest and most impactful thing you can do to improve your application security program."

Gartner, "Managing Open-Source Software Risks in DevSecOps Environments", Gartner Security and Risk Management Summit, June 2022. Gartner is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and are used herein with permission. All rights reserved.

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AWS and Mend can help





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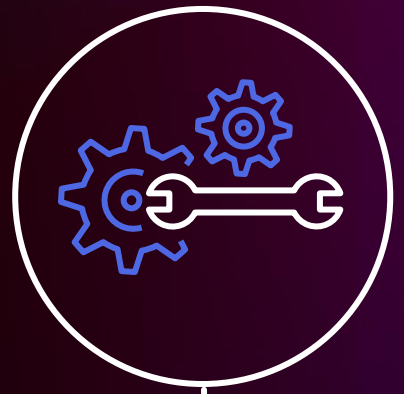
Integrated application security: AWS and Mend



Strategic collaboration



All-up application security



Remediation-first approach

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Mend results

Improve security	Improve process	Save time
Reduce software attack surface by 90% Reduce mean time to remediation (MTTR) Block unauthorized open-source packages from entering your code base	Seamless integrations, efficient workflows Integrate security into the developer workflow Accelerate application delivery with DevSecOps	Save ~80% of the time spent on remediation Automated remediation for both open source and custom code flaws We do the research, so you don’t have to

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CAE

"Throughout Log4j, Mend made life easier to report where the problems were instead of going through millions of lines of code."

Tara Vat,
Cybersecurity Product Owner

Situation

- $3.3B technology company – flight simulators
- Had deployed Mend SCA for visibility to open source software

Key challenge

- Quickly respond to the Log4j security alerts issued in December 2021

Result

- In less than one hour, CAE identified all instances of Log4j
- Mend SCA allowed CAE to remediate Log4j very quickly

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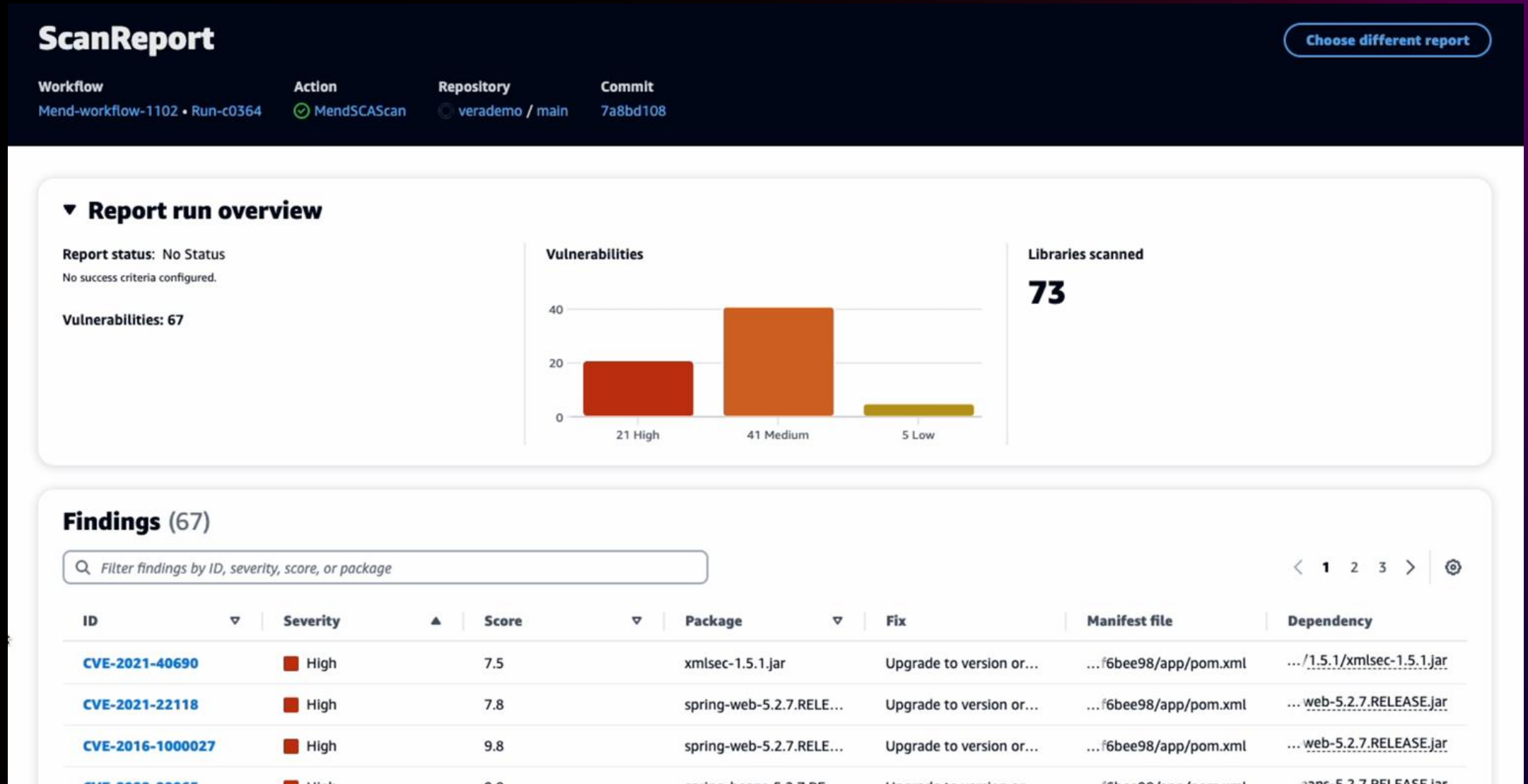
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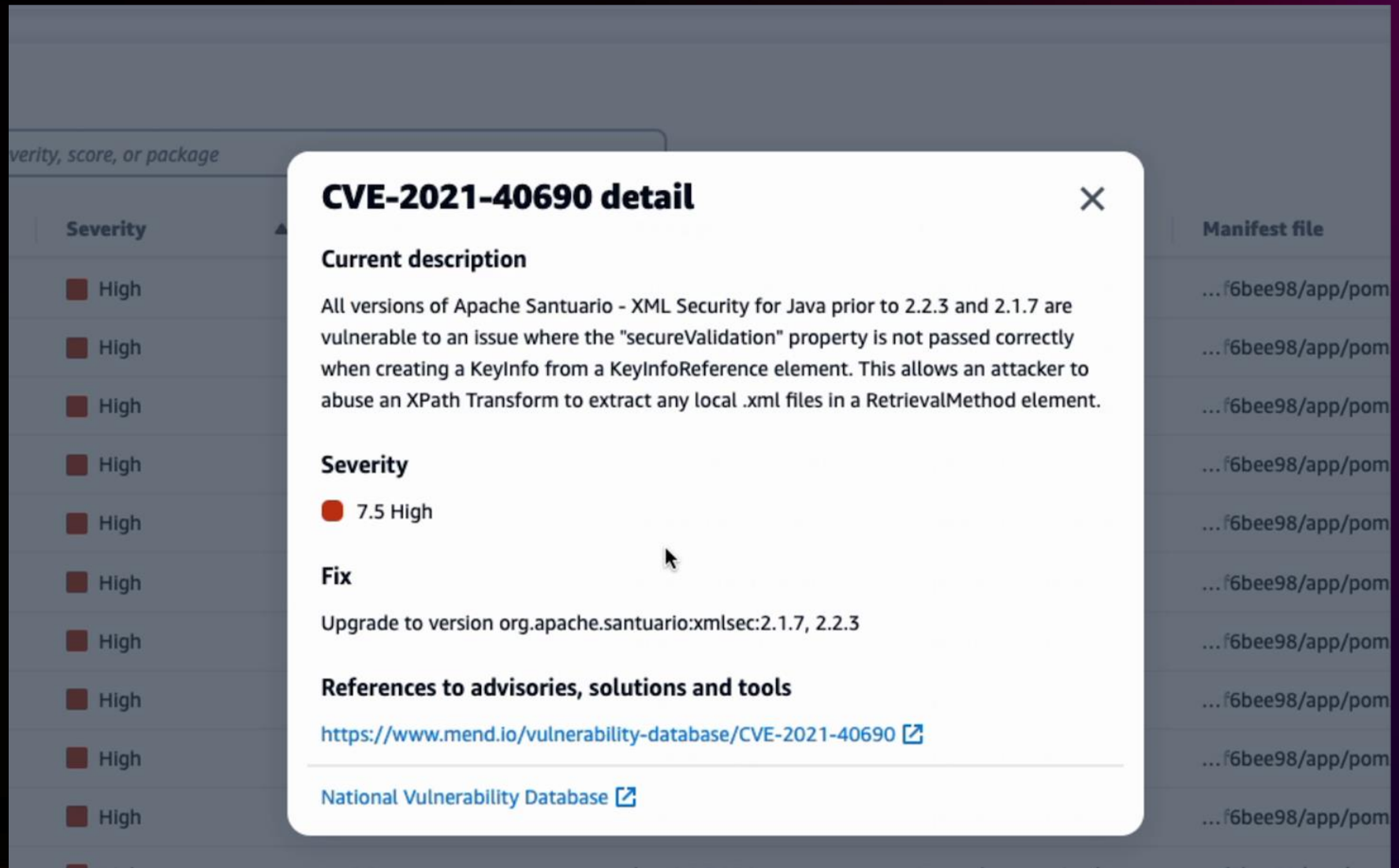
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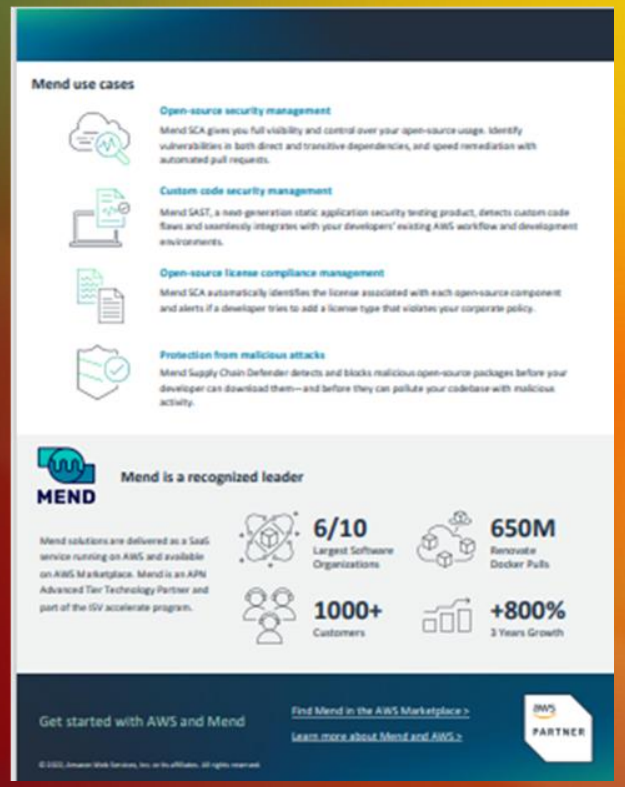


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Thank you!

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