# What Does Java Security See When It Looks in the Mirror?

Lead to Market talked to security professionals at more than 50 large enterprise companies that use Java to assess the state of Java security. They may be overestimating how safe their Java estates are.



### WHAT SECURITY PROFESSIONALS SEE

### Confident

**100%** of the security professionals surveyed say they have total confidence in their companies' Java security

## Prepared

43% report total faith in their security tools



### Active

**10%** say their biggest challenge is being unable to use their tools in production

## Trusting

**93%** say Java application developers have adequate security skills and expertise

## HOW SECURITY PROFESSIONALS LOOK

### Disorganized

23% have not patched or don't know if



they have patched Log4j 95% of Java programs use Log4j directly or

indirectly (Check Point)

## Myopic

**20%** say libraries and components are the most concerning source of CVEs

**65%** say managing libraries is not becoming more difficult

98% of software uses open-source components, and third-party dependencies and development pipelines are the most vulnerable part of the supply chain

### Naïve

**93%** say Java application developers have adequate security skills and expertise

**74%** say they have software bills of material (SBOMs) for most or all third-party applications

**100%** say they trust the accuracy of third-party applications

**47%** say third-party applications are the most concerning source of CVEs







## Exhausted

**85%** say they have alert or dashboard fatique

> **10%** have ignored at least one alert within the last year

## HOW AZUL CAN HELP SECURITY PROFESSIONALS IMPROVE

Monitor in production

Continuously monitor all Java applications

Eliminate false positives

Eliminate performance

Check against an updated Java-specific **CVE** database

Gain historical traceability for focused forensics

# Read the Full Report

penalties

Read the full survey report and review all the insights gained from in-depth interviews with 60 large enterprises by JBF Research. Read the report

About azul Azul Vulnerability Detection continuously detects known vulnerabilities in your Java applications in production. Learn more at <u>azul.com/products/vulnerability-detection</u>.

Azul dramatically improves the performance of Java applications while cutting cloud costs by up to 50 percent. Learn more at <u>azul.com</u>.

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