

# OPEN-SOURCE VULNERABILITIES

HIGHLIGHTS FROM THE 2021 STATE OF OPEN-SOURCE SECURITY REPORT

## VULNERABILITIES REMAIN VERY COMMON IN APPLICATIONS

71%

OF APPLICATIONS HAVE AT LEAST ONE CVE (94% FOR JAVA, 90% FOR NODE, 7% FOR .NET).

50

THE AVERAGE JAVA APPLICATION HAS 50 VULNERABILITIES.

## OLDER LIBRARIES HAVE MORE VULNERABILITIES

4%

OF LIBRARIES HAVE CRITICAL OR SERIOUS VULNERABILITIES.

13%

WHEN THE LIBRARY IS 5 YEARS OLD; 48% WHEN 15 YEARS OLD

## VULNERABILITIES IN INACTIVE LIBRARIES AND CLASSES BRING FALSE POSITIVES

23%

OF CVES REPORTED BY TRADITIONAL SCA TOOLS ARE FALSE POSITIVES.

## KEY TAKEAWAYS

MOST APPLICATIONS HAVE VULNERABILITIES, BUT NOT ALL VULNERABILITIES PRESENT RISK.

OBSERVABILITY IS CRITICAL TO IDENTIFY TRULY RISKY VULNERABILITIES.

ALL LIBRARIES HAVE VULNERABILITIES THAT HAVE NOT YET BEEN DISCOVERED.

GET THE FULL 2021 STATE OF OPEN-SOURCE SECURITY REPORT TODAY.