

VULNERABILITY PREVALENCE AND IMPACT

HIGHLIGHTS FROM THE 2021 APPLICATION
SECURITY OBSERVABILITY REPORT

VULNERABILITY TRENDS IN CUSTOM CODE

98%

PERCENTAGE OF APPLICATIONS WITH ONE
VULNERABILITY INCREASED FROM 96% TO 98%

39%

OF VULNERABILITIES ARE SERIOUS (HIGH
OR CRITICAL), A 39% INCREASE OVER 28%
OBSERVED LAST YEAR

VULNERABILITY TYPES IN CUSTOM CODE

18%

BROKEN ACCESS CONTROL INCREASED 35.3%:
13.3% THE PREVIOUS YEAR TO 18% THIS YEAR

18%

XSS INCREASED 20%: 15% THE PREVIOUS YEAR
TO 18% THIS YEAR

5%

INSECURE CONFIGURATION JUMPED FROM 1%
LAST YEAR TO 5% THIS YEAR

VULNERABILITIES IN OPEN-SOURCE CODE

80%

OF APPLICATION CODE IS OPEN-SOURCE
LIBRARIES AND FRAMEWORKS

6%

ONLY 6% OF APPLICATION CODE IS ACTIVE
OPEN-SOURCE CODE

3%

ONLY 3% OF OPEN-SOURCE LIBRARIES
HAVE SERIOUS CVES

54%

OF CRITICAL CVES ARE FALSE POSITIVES

45%

OF THIRD-PARTY LIBRARIES IN APPLICATIONS
ARE 2+ YEARS OLD

KEY TAKEAWAYS

BOTH CUSTOM AND OPEN-SOURCE CODE POSE A RISK

COMPREHENSIVE OBSERVABILITY ACROSS THE ENTIRE APPLICATION
CODEBASE IS CRITICAL

PRIORITIZE REMEDIATION ON TRUE VULNERABILITIES AND THOSE
THAT POSE THE MOST RISK

GET THE FULL 2021 APPLICATION SECURITY
OBSERVABILITY REPORT TODAY.