

# RISKS DUE TO LIBRARY AGE

HIGHLIGHTS FROM THE 2021 STATE OF OPEN-SOURCE SECURITY REPORT

## ORGANIZATIONS DO NOT KEEP LIBRARIES UP TO DATE!

2.6

THE AVERAGE LIBRARY VERSION IN AN APPLICATION IS 2.6 YEARS OLD.

31%

OF LIBRARIES ARE 3+ YEARS OLD; ONLY 28% ARE <1 YEAR OLD.

## RISK INCREASES EXPONENTIALLY WITH LIBRARY AGE

13%

RISK OF A CRITICAL OR MAJOR CVE INCREASES FROM 3% FOR LIBRARIES 1 YEAR OLD TO 13% FOR THOSE THAT ARE 5 YEARS OLD.

## DIFFERENTIATING RISK BETWEEN LANGUAGES

45%

OF JAVA LIBRARIES IN USE ARE LESS THAN 2 YEARS OLD; 37% ARE MORE THAN 3 YEARS OLD.

21%

.NET LIBRARIES ARE 16 MONTHS OLD ON AVERAGE, AND JUST 21% ARE MORE THAN 2 YEARS OLD.

20%

NODE LIBRARIES ARE SLIGHTLY LESS THAN 2 YEARS OLD ON AVERAGE, WITH 20% THAT ARE MORE THAN 2 YEARS OLD.

## KEY TAKEAWAYS

OLDER LIBRARIES INCREASE THE RISK OF EXPLOITATION OF VULNERABILITIES.

UPDATING OLD LIBRARIES IS MORE DIFFICULT AND TIME-CONSUMING.

KEEPING LIBRARIES UP TO DATE IS CRITICAL FOR THE CONTINUED HEALTH OF AN APPLICATION.

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