

2020 APPLICATION VULNERABILITY TRENDS

DATA SOURCE

- BASED ON VULNERABILITY DATA CAPTURED IN CONTRAST ASSESS AND OSS
- PUBLISHED IN "CONTRAST 2020 APPLICATION SECURITY OBSERVABILITY REPORT"

VULNERABILITY LIKELIHOOD PER APPLICATION

2.7X

APPLICATIONS ARE 2.7X LESS LIKELY TO HAVE A SERIOUS VULNERABILITY VS. ANY VULNERABILITY

96%

OF APPLICATIONS HAVE AT LEAST ONE VULNERABILITY

APPLICATIONS WITH SERIOUS VULNERABILITIES

26%

MORE THAN 1

16%

MORE THAN 3

11%

MORE THAN 6

8%

MORE THAN 11

5%

MORE THAN 20

SERIOUS VULNERABILITIES PER INDUSTRY

(WITH ONE OR MORE)

GOVERNMENT, 36%

FINANCIAL SERVICES, 32%

HEALTHCARE, 29%

MANUFACTURING, 29%

RETAIL AND HOSPITALITY, 25%

HIGH TECH, 22%

EDUCATION, 18%

TOP SERIOUS VULNERABILITY TYPES

AVERAGE NUMBER OF SERIOUS VULNERABILITIES PER APPLICATION

LDAP INJECTION, 31

SQL INJECTION, 28

CROSS-SITE SCRIPTING, 27

EXPRESSION LANGUAGE INJECTION, 27

BROKEN ACCESS CONTROL, 25

XPATH INJECTION, 18

HIBERNATE INJECTION, 16

INSECURE DESERIALIZATION, 15

XML EXTERNAL ENTITIES, 12

NOSQL INJECTION, 9