

ATTACKS

HIGHLIGHTS FROM THE 2021 APPLICATION SECURITY OBSERVABILITY REPORT

ATTACK TRENDS

25,343

ORGANIZATIONS RECEIVED AN AVERAGE OF 25,343 ATTACKS PER MONTH

1%

ONLY 1% OF ATTACKS WERE VIABLE (COMPARED TO 2% OF ATTACKS THE PREVIOUS YEAR)

JUNE 2020,
OCTOBER 2020,
AND MARCH 2021

HAD THE HIGHEST NUMBER OF EXPLOITABLE ATTACKS IN PAST YEAR

BY VULNERABILITY TYPE

82%, 74%, 63%, 61%

BROKEN ACCESS CONTROL (82%), SQL INJECTION (74%), XSS (63%), AND COMMAND INJECTION (61%) HAD THE HIGHEST ATTACK VOLUMES

32.3%, 13.8%

BROKEN ACCESS CONTROL (32.3% INCREASE) AND SQL INJECTION (13.8% INCREASE) ATTACKS SAW THE BIGGEST YEAR-OVER-YEAR INCREASE

BY LANGUAGE

18%

SQL INJECTION SAW THE BIGGEST INCREASE FOR JAVA APPLICATIONS (18%)

19%, 11%, 10%

XSS (19%), BROKEN ACCESS CONTROL (11%), AND INSECURE DESERIALIZATION (10%) SAW THE BIGGEST JUMP FOR .NET APPLICATIONS

KEY TAKEAWAYS

PERIMETER DEFENSE SOLUTIONS MUST DETECT VIABLE VULNERABILITY ATTACKS AND FILTER OUT FALSE POSITIVES

LOWER SECURITY DEBT REDUCES LIKELIHOOD OF VULNERABILITIES SLIPPING INTO PRODUCTION

GET THE FULL 2021 APPLICATION SECURITY OBSERVABILITY REPORT TODAY.