2023 SONICWALL CYBER THREAT REPORT

CYBER THREAT INTELLIGENCE
FOR CHARTING CYBERCRIME'S SHIFTING FRONTLINES.

Get the full 2023 SonicWall Cyber Threat Report for exclusive data on 2022's rapidly evolving trends and tactics, including industry- and location-specific data.

GLOBAL CYBERATTACK TRENDS

MALWARE UP FOR FIRST TIME SINCE 2018

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RANSOMWARE DOWN … BUT NOT OUT

CRYPTOJACKING STILL SETTING RECORDS

IoT MALWARE NEARLY DOUBLES YEAR-OVER-YEAR

RTDMI™ DETECTIONS PASS 1 MILLION

* As a best practice, SonicWall routinely optimized its methodologies for data collection, analysis and reporting. This includes adjustments to data cleansing, changes in data sources and consolidation of threat feeds. Figures published in previous reports may have been adjusted across different time periods, regions or industries.

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Bob VanKirk | SonicWall President and CEO

"The past year reinforced the need for cybersecurity in every industry and every facet of business, as threat actors targeted anything and everything -- from education to retail to finance."

5.5 Billion

6.3 Trillion

7.3 Million

MALWARE ATTACKS

INTRUSION ATTEMPTS

ENCRYPTED ATTACKS

139.3 Million

CRYPTOJACKING ATTACKS

As attackers rapidly shifted strategies, 2022 brought an increasingly volatile threat environment.

Malware rose to 5.5 billion in 2022 and it's on the move, decreasing in typical hotspots …

The increase was fueled by cryptojacking and IoT attacks, which increased 43% and 87% year-over-year.

Ransomware fell 21% to 493.3 million, with an average of 1,384 ransomware attempts per customer. But less ransomware does NOT equal low ransomware.

Threat actors looking for steady and low-profile revenue streams pushed cryptojacking TO NEW HIGHS…

…INCLUDING TRIPLE-DIGIT INCREASES:

While overall ransomware dropped, key industries saw sustained increase:

SonicWall recorded a record 112.3 million IoT malware attacks in 2022, up year-over-year.

TOP STATES FOR MALWARE VOLUME

As a result, SonicWall launched its patented Real-Time Deep Memory Inspection™ (RTDMI) to set another new benchmark: never-before-seen malware variants with all-time detections topping 1 million.

ASIA

EUROPE

9%

13%

28%

41%

75%

129%

458%

38%

568%

... AND SPIKING IN AREAS THAT TRADITIONALLY SAW FEWER ATTACKS.

Government and retail saw double-digit decreases of 82% and 50%, while attacks on K-12 spiked.

HEALTHCARE

FINANCE

EDUCATION

K-12

HIGHER ED

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MALWARE NEARLY DOUBLES

CRYPTOJACKING STILL SETTING RECORDS

THREAT ACTORS LOOKING FOR STEADY AND LOW-PROFILE REVENUE STREAMS PUSHED CRYPTOJACKING TO NEW HIGHS.

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RTDMI™ DETECTIONS PASS 1 MILLION

GLOBAL CYBERATTACK TRENDS

ASIA

EUROPE

548%

129%

568%

EUROPE

129%

458%

GLOBAL CYBERATTACK TRENDS

827%

275%

41%

Malware detections (43rd week in 2022)

Malware detections (37th week in 2022)

Malware detections (32nd week in 2022)

Malware detections (18th week in 2022)

Malware detections (8th week in 2022)

Malware detections (2nd week in 2022)

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