2020 SONICWALL CYBER THREAT REPORT

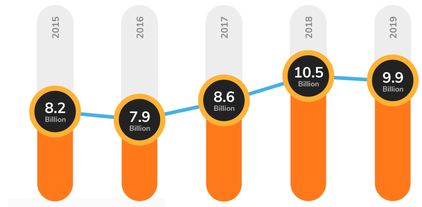
The boundaries of your digital empire are limitless. What was once a finite and defendable space is now a boundless territory — a vast, sprawling footprint of devices, apps, appliances, servers, networks, clouds and users.

Explore SonicWall's exclusive threat intelligence to help you better understand how cybercriminals think — and be fully prepared for what they'll do next.

MALWARE DOWN, BUT MORE TARGETED & EVASIVE

9.9 Billion

malware attacks were logged* by SonicWall in 2019, a 6% dip from the record-breaking 10.52 billion recorded in 2018.



RANSOMWARE FOUND A NEW TARGET

187.9 Million

Ransomware is being used to surgically target victims that are more likely to pay given the sensitive data they possess or funds at their disposal (or both).

In 2019, this meant that many of the 187.9 million ransomware attacks were against state, provincial and local governments, as well as education systems.

CRYPTOJACKING CRUMBLES

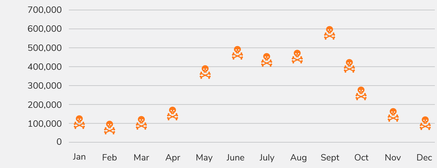
The price of bitcoin and complementary cryptocurrencies created an untenable situation between Coinhive-based cryptojacking malware and the legitimate Coinhive mining service.

78% After the shuttering of Coinhive, the volume of cryptojacking hits dropped 78% during the second half of 2019.

FILELESS MALWARE PEAKS IN Q3

Fileless malware exists exclusively as a memory-based artifact and does not write any part of its malicious activity to the computer's hard drive, making it very resistant to forensic strategies. Volume peaked in the third quarter, with more than 570,000 attacks recorded by SonicWall in September 2019 alone.

2019 Fileless Malware Volume



ENCRYPTED THREATS CONTINUE STEADY RISE

Savvy cybercriminals continue to use TLS/SSL encryption to mask their attacks from inspection by traditional security controls. In 2019, SonicWall Capture Labs threat researchers recorded a 27.3% year-over-year increase of malware sent over TLS/SSL traffic.

27% increase in malware sent over TLS/SSL traffic in 2019.

IOT ATTACK VOLUME RISING

In 2019, SonicWall discovered a 5% increase in IoT malware, with total volume reaching 34.3 million attacks.

But with a deluge of new IoT devices connecting each day, increases in IoT malware attacks should not only be expected, but planned for.

34.3 MILLION

PREPARE FOR WHAT'S NEXT

Visit SonicWall.com/ThreatReport to download the complete **2020 SonicWall Cyber Threat Report**. You'll gain critical threat intelligence to help you better understand how cybercriminals think — and be fully prepared for what they'll do next.

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* As a best practice, SonicWall routinely optimizes 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.