Cyberattacks by the Numbers

Non-Malware Attacks & Ransomware Continue to Own the Spotlight

Ransomware, mass malware, and non-malware attacks are creating a vast attack surface for malicious actors, who are getting more creative and more persistent.

According to recent Cybersecurity Ventures research, in 2017 ransomware is estimated to be a $5 billion crime. In 2016, the estimate was $850 million. In 2015, the estimate was a mere $24 million.

328% growth rate in monthly attacks throughout 2017

An organization with 10,000 endpoints is seeing 1,000 attacks per day on average

52% of cyberattacks are non-malware attacks

13% increase in cyberattacks per month

Non-malware attacks are increasing at a rate of 6.8% per month

6.8%+

52% non-malware
48% malware-based

Tech companies, government / NPOs, and legal firms are being targeted the most by ransomware

The most common ransomware variants

1. Spora
2. CryptXXX/Exxroute
3. Locky
4. CERBER
5. Genasom

Top five most seen malware families

1. Kryptik
2. Strator
3. Nymicus
4. Emotet
5. Skeeyah

Financial, healthcare, and retail are the top three industries most often targeted by malware

1. Financial
2. Healthcare
3. Retail

2018 PREDICTIONS

1. The 2018 U.S. midterm elections will be a target for cyberattacks
2. The ransomware economy will continue to grow
3. Nation-state actors will look to target critical infrastructure

For more information, visit Carbon Black’s 2017 Threat Report here.