

Cyber Security

Welcome to the Arms Race

“2016 could be considered a highly successful year from the perspective of both security professionals and cyber criminals. Security teams leveraged ground breaking technologies to successfully fend off attacks that would have devastated their organizations in years past. At the same time, we saw the rise of new cyber threats that targeted organizations of all sizes and led to serious financial consequences for many. It would be inaccurate to say that the threat landscape either diminished or expanded in 2016 – rather, it appears to have evolved and shifted. **Cyber security is not a battle of attrition; rather it is an arms race**, and both sides are proving exceptionally innovative.”

2016 Sonicwall Annual Threat Report

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- Cell phones and tablets (both Android and Apple) saw mushrooming parasite activity, including ransomware

Who got hacked in recent history

- Yahoo (500 million accounts, and almost 1 billion accounts)
- Denial of service (to Twitter, Netflix, Paypal, and many more)
- Dropbox
- LinkedIn
- Snapchat
- U.S. Dept. of Justice (both Homeland Security and the F.B.I.)
- I.R.S.
- Major Universities
- Wendy's
- Adult Friend Finder (412 million accounts)
- Cisco

Local Governments Hit by Ransomware

- Sarasota, Florida
- Madison County, Indiana
- Board of Water and Light, Lansing, Michigan
- San Francisco Transportation System (\$70,000)
- St. Louis Public Library (\$35,000)
- Five Maine law enforcement agencies
- Los Angeles Community College District
- Plainfield, New Jersey

Defending Your Network

Cyber Security

**It is an arms race
Don't stop fighting**