

Threats Report

McAfee Labs

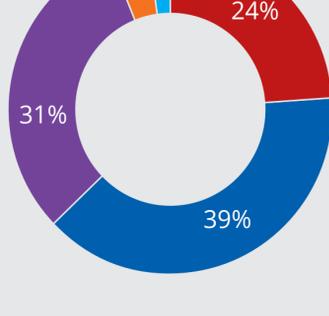
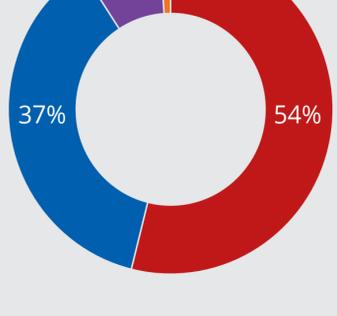
March 2016

Cyber Threat Intelligence

McAfee interviewed security professionals about cyber threat intelligence sharing. 97% of those who share cyber threat intelligence see value in it.

Almost all are interested in receiving industry-specific cyber threat intelligence.

Fewer are willing to share cyber threat intelligence.



- Very Interested
- Somewhat Interested
- Neutral
- Not Interested
- Very Likely
- Somewhat Likely
- Neutral/Don't Know Yet
- Not So Likely
- Not Likely at All

Businesses are willing to share many types of cyber threat intelligence.



Why don't companies share cyber threat intelligence?



What does the future hold?

Standards
Standards such as STIX, TAXII, and CybOX will become widely accepted by businesses and governments.



Integrated Automation
Security vendors will develop technology to efficiently share and use cyber threat intelligence.

Cyber Threat Intelligence Sharing Organizations
Governments will support sharing efforts.

Legal Frameworks
Laws will limit liability for sharing cyber threat intelligence.

Improved Cyber Threat Intelligence
Better consistency, type, and quality will result in superior understanding.

Threat Statistics

There are 316 new threats every minute, or more than 5 every second.

↑10% Malware
After three quarters of decline, new malware grew 10% in Q4 with 42 million samples, the second highest on record.



↑72% Mobile Malware
72% more new mobile malware samples in Q4. Google's monthly updates to Android may have forced attackers to develop malware more frequently.

↑26% Ransomware
26% more new ransomware samples in Q4. Open-source ransomware code and ransomware-as-a-service make attacks simpler. Attacks are financially lucrative with little chance of arrest.

↓49% Rootkits
Samples dropped by 49% in Q4. Long-term downward trend driven by 64-bit Intel CPUs and 64-bit Windows.

McAfee Global Threat Intelligence

McAfee GTI received on average 47.5 billion queries per day.

157 Million
Every day more than 157 million attempts were made (via emails, browser searches, etc.) to entice our customers into connecting to risky URLs.

71 Million
Every day 71 million potentially unwanted programs attempted installation or launch on our customers' systems.



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