

2016 NTT Group Global Threat Intelligence Report

The Global Threat Intelligence Report combines a comprehensive analysis of over six billion attacks, threats and trends around the world in 2015. This year's most notable findings are around incident response, vertical markets, and vulnerabilities.

Download the full report at:

<https://www.nttcomsecurity.com/en/landingpages/gtir-2016/>

In 2015, we analysed

Over **3.5 trillion** logs

More than **6.2 billion** attacks



Incident Response Trends

One year on from the last report, there has been little improvement:

74% → **77%** The 2016 GTIR report shows that the number of organisations that do not have a formal incident response plan has increased from 74% in 2015 to 77%. And organisations often purchase incident response support services after an incident has occurred



15% the year-on-year increase in spear phishing attacks (2% in 2014; 17% in 2015)

33% Malware-specific response activities down by 33%

12% DDoS-related attacks down by 12%

Vertical Market Trends

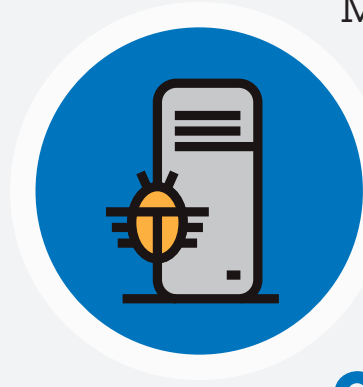
The retail industry experienced more attacks than other industry sectors in 2015:

2.7 Retailers experienced 2.7 times more attacks than finance clients

22% of all incident response engagements originated from the retail market client base (compared to **18%** for finance)



Many of the attacks against retailers involved spear phishing attacks.



Malware is affecting nearly every industry:

18% rise in malware detected for every industry other than education

8% The government sector climbed to the top of the list of affected sectors, rising from 8% of malware detected in 2014 to **18%** in 2015

140% increase - the total volume of malware detected in the finance sector has risen sharply since 2014

Vulnerability Trends

Organisations are failing to patch, which is a basic security measure:

12% More than 12% of vulnerabilities were over 5 years old, and over 5% were more than 10 years old

16 years – some vulnerabilities were from as far back as 1999

312% the jump in the number of publicised Flash vulnerabilities from 2014 levels

39% DoS/DDoS attack volume fell by 39% from 2014 levels

24% of web application attacks during 2015 were injection-based (26% in 2014, so minimal change in one year)



Methodology

The NTT Group 2016 Global Threat Intelligence Report contains global attack data gathered from NTT Group security companies, including NTT Com Security, throughout 2015. The analysis is based on log, event, attack, incident and vulnerability data from clients. It also includes details from NTT Group research sources, including global honeypots and sandboxes that are located in over 100 different countries in environments independent from institutional infrastructures. The 2016 GTIR summarises data from over 3.5 trillion logs and 6.2 billion attacks.

About NTT Com Security

NTT Com Security is a global information security and risk management organisation, which delivers a portfolio of managed security, business infrastructure, consulting and technology integration services through its WideAngle brand. NTT Com Security helps organisations lower their IT costs and increase the depth of IT security protection, risk management, compliance and service availability. NTT Com Security AG, is headquartered in Ismaning, Germany and part of the NTT Group (Nippon Telegraph and Telephone Corporation), one of the largest telecommunications companies in the world.

For more information, visit <http://www.nttcomsecurity.com>