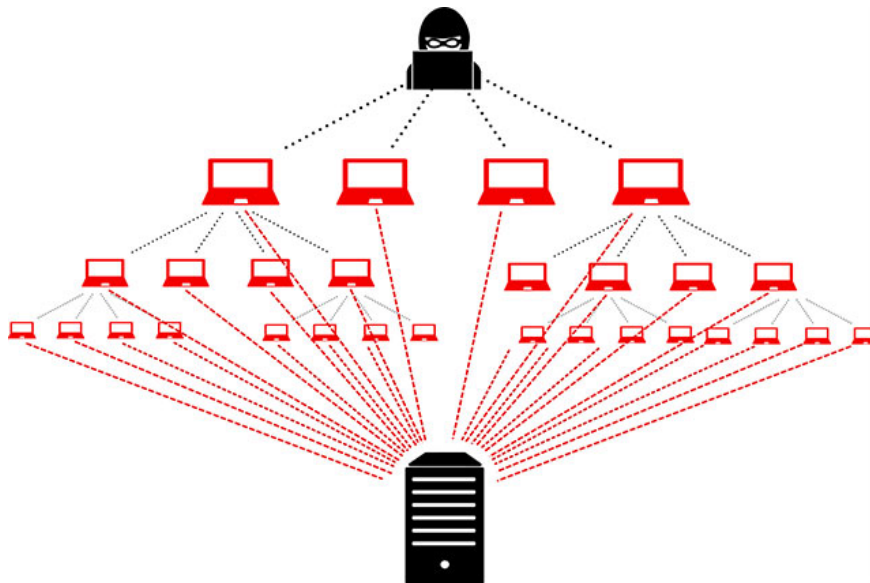


# DDoS is ranked as the top threat for businesses in 2018

DDoS attacks are considered to be the top high threats for global organizations and businesses.

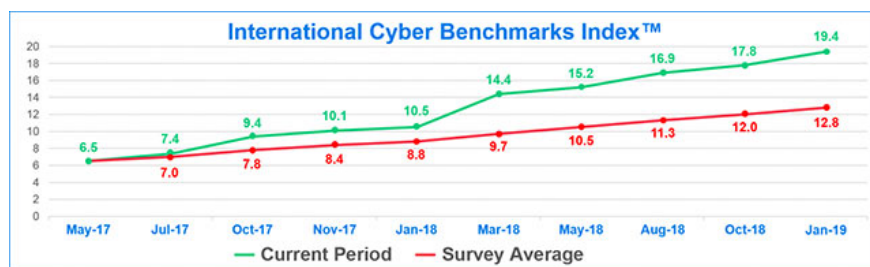
In January 2019, interviewed by the Neustar International Security Council (NISC), US and EMEA top security experts said that DDoS attacks are considered top threats. For global organizations and businesses, with about half of all companies cooperating with this organization have suffered severe DDoS attacks in 2018.

Another 75% of all experts involved in NISC research said they were very interested in "bot traffic - bot traffic (robots robots and scrapers) stealing data from companies, though, some have deployed the management of traffic bot".



## 1. Cr1pt0r Ransomware spreads on D-Link NAS devices, targeting embedded systems

NISC used Cyber ??Benchmark Index to monitor concerns about DDoS, which is considered "a reflection of the current international security context". Accordingly, while in the early months of 2018, this index only reached 10.5, then as of January 2019, it has nearly doubled, reaching 19.4 and became the highest value recorded since NISC. Start your research work in May 2017.



"Unfortunately, traffic bots account for a very large proportion of the Internet. Therefore, it is important for organizations to ensure that the amount of incoming data is scanned in real time, and clearly identify the saved patterns. good and bad to make the filtering process more efficient and at the same time, deploying Web Application Firewall (WAF) is very important to prevent bots - save based attacks quality, as well as threats to the application layer, 'said NISC president Rodney Joffe.

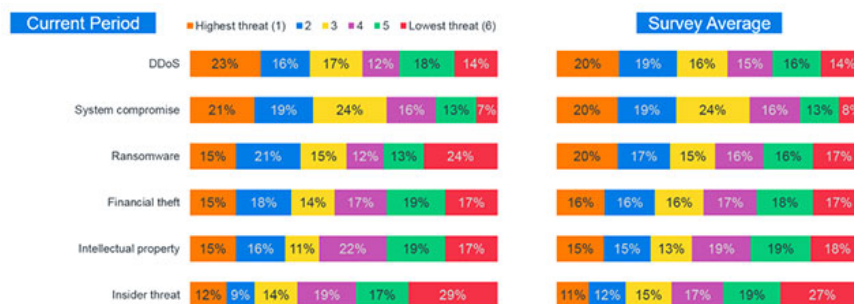
Also according to NISC, 48% of the companies surveyed said the threat posed by DDoS attacks increased in November and December 2018, while 42% said they had boosted their capabilities. Necessary response capabilities for these DDoS attacks.

"The concern about bot traffic and DDoS attacks provided by bots is extremely urgent and nothing new. However, with the rapid development of the Internet of Things - cities. Smart streets, banks, or important national infrastructure - mean that the ability and opportunity for bots to cause destruction and damage on a global scale has also increased significantly ', Rodney Joffe adds.

1. Install the patch immediately for Windows Server & Windows 10 to run IIS so that it will not be attacked by DOS

Besides 23% of business leaders asked whether DDoS attacks are the highest threat to businesses at the present time, the NISC study also shows the following situation:

1. System Compromise - 21% said this is the highest threat to their businesses.
2. Ransomware - 15% said it was the highest threat to their businesses.
3. Financial Theft - 15% said it was the highest threat to their businesses.



To this situation, Rodney Joffe said:

"Without proper detection, testing and data reduction tools, highly capable IoT devices become part of a malicious botnet, according to which hackers will" weaponize. " These devices are to launch powerful DDoS attacks. More worrisome, as more and more devices are connected to the Internet, this type of attack can pose a greater risk. just for the defense of a business, it can even harm the security of a country '.

1. *What can organizations do to protect themselves from cyber attacks?*

NISC conducted a total of more than 300 interviews in January 2019 to collect data for this report, focusing primarily on security experts from many prestigious organizations in 5 countries across EMEA. (ie France, Germany, Italy, Spain and the United Kingdom), as well as from the United States. At the same time, survey respondents are also holding senior positions in their businesses and organizations such as CTO, IT Director, security consultant and some other positions that are jointly responsible. concern about enterprise security.

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