

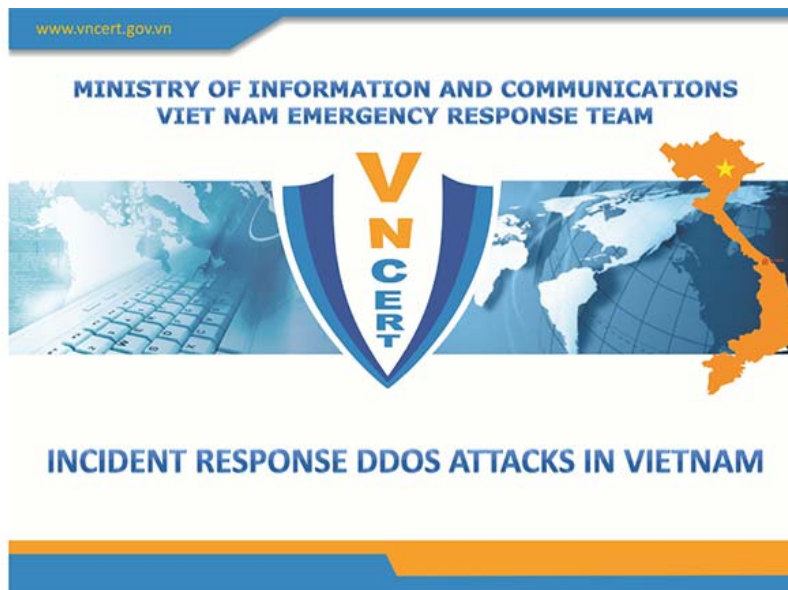
Alarming statistics on the situation of network security in our country in the first half of 2019

The number of cyber attacks on our country's computer systems in the first 6 months of 2019 had a record increase.

For a long time when talking about cyber attacks and digital security, we often only see reports of major security incidents, with the densities occurring in information technology powers like China, Russia, the United States, Europe and a few other focus countries. However, even in our country, the situation of network security in the last few years has also been extremely dangerous.

Vietnam is an emerging economy with an impressive growth rate and a voice in the region with a population of nearly 100 million, and this has made us one of the The primary goals of international cybercrime activities in the last few years. According to statistics from the Vietnam Computer Emergency Response Center (VNCERT), the number of cyber attacks on our country's computer systems in the first 6 months of 2019 had a record increase, never recorded previously received, specifically reaching 104% over the same period last year - a number that makes leading industry security experts unable to sit still.

1. What is data exfiltration? How to prevent this dangerous behavior?



According to statistics from Vietnam Computer Emergency Response Center (VNCERT)

6219 Network security incidents recorded by VNCERT experts in the first 6 months of this year are a huge number for any country, let alone an emerging country like Vietnam. Of the 6219 network security incidents

were recorded, 240 cases involving dangerous malware, 824 digital infrastructure vandalism and 2155 online phishing attacks. Another statistic is also noteworthy, according to VNCERT, about 100,000 devices are believed to be infected with malware in our country every day. For a country with a land area of just 331,212 km² like Vietnam, this is really a significant number for agencies responsible for security management - network security in general.

The fact that the authorities are still relatively passive in the plans to raise public awareness about cyber security has made computer enthusiasts as well as operating in the security field in our country. forced to actively organize large events to disseminate information more widely to the community and businesses. Such events play an extremely important role, not only providing the most specific and accurate information about the security situation in our country, but also introducing many large-scale security projects with contributions. face of today's leading experts.

1. Overview of building enterprise security detection and response system



International Conference and Exhibition on Vietnam Network Safety and Security 2019 (Vietnam Security Summit 2019)

The network security events organized by government agencies are still quite sparse, not commensurate with the current complicated situation, but have also shown remarkable results. Including events hosted directly by Minister of Information & Communications Nguyen Manh Hung such as International Conference and Exhibition on Safety and Security of Vietnam Network 2019 (Vietnam Security Summit 2019) took place came out on April 17 in Hanoi. Along with that is the more active participation of related agencies such as Information Security Department, Department of Cyber Security and Crime Prevention, High-tech Crime, or Vietnam Internet Association . show the Increasing government interest in issues related to digital space in our country today.

The network security events that took place from the beginning of the year have been aimed primarily at giving people a solution for dealing with enterprise-level network attacks, both at home and abroad. Along with that is a greater focus on detecting and preventing early security incidents, threats and actual network attacks through professional network security teams.

1. The 5 most notable cyber security conferences in the world take place throughout the year



Minister of Information & Communications Nguyen Manh Hung

VNCERT's 6 months of security statistics have been confirmed by Symantec Corporation (Symantec is currently a security software manufacturer, storage, backup, and is the world's most trusted professional software support service provider. Through the use of aggregated software statistics from Vietnamese customers, Symantec believes there are about 94%, in other words, 9 out of 10 Vietnamese companies have experienced some security issues. Information Technology. However, these security incidents are often kept strictly confidential by the business to minimize the loss of credibility, or worse, cause their brand to collapse completely.

In the recent speech, Mr. Nguyen Trong Duong, Director of VNCERT, once again emphasized the importance of implementing and implementing stronger policies and measures for prevention. Network security risks within our country organizations and businesses today. However, Mr. Duong also acknowledged that many Vietnamese companies have not really approached in a serious way when it comes to security-related issues, in particular the preparation and construction of protocols. necessary security.

1. [Infographic] 7 effective ways to protect businesses from Ransomware

These 'talking' statistics have put Vietnam on the global network of security focus points in the first half of 2019. Along with that is the network attacks causing great losses stemming from toxic agents outside our territory, the most typical is the case of Vietnam Cooperative Bank (Co-opbank) hacked and demanded. ransom of data by a foreign hacker nicknamed Sogo Nakamoto. The incident occurred on the evening of October 13, 2018 and caused billions of losses. All have raised alarm bells, demanded a stronger and more effective engagement of not only government agencies, but also businesses and individuals themselves.

'Cyber ??security threats are now going on very seriously. Every agency has the same risk of being attacked. Any agency with more sensitive information is more likely to be attacked by hackers. So, we all need to be ready to respond, fix and handle all incidents. We cannot be subjective. In order to limit data leakage and loss, it is necessary to establish a secret process, strengthen discipline at the units, develop a particularly effective plan to protect the system as well as fight attacks. Network, along with that is to increase the awareness of employees on information security issues, "said Mr. Nguyen Trong Duong.

On the state side, Mr. Duong said that the relevant agencies also need to make measures to ensure information security more effectively. There must be close supervision, there is a program to rehabilitate incidents, train technical staff and improve user awareness. In addition, state agencies need to have investment plans for security systems, monitoring systems, systems ready to rescue computer incidents, quickly restore the system operation.

1. Insider attacks are becoming more and more popular and difficult to detect



Director of VNCERT Nguyen Trong Duong

Cyber ??criminals constantly improve the methods of deploying their attack campaigns in a more complicated and unpredictable direction, aiming to illegally profit from innocent Internet users as well as global organizations and businesses. This is why all companies, regardless of size or area of ??operation, are required to own reliable network security defense options to protect themselves and their customers. me

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