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PROJECT 366

Internet & Cyber Security Health Check

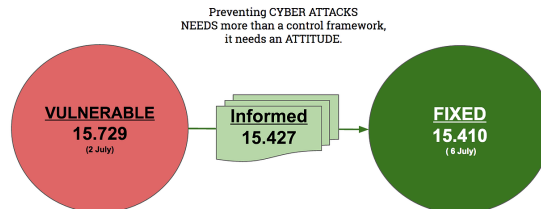
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UPDATE BLOG: progression (Not)Petya & WannaCry

July 8, 2017 | V.Toms (GDI.Foundation) & V. Gevers (GDI.Foundation)

THE EFFECT & LESSONS LEARNED.

What can happen in 4 days.... if you start helping

Source: [GDI Public EternalBlue tracker](#)

So did our work, effort & [Cyber Security Health Dashboard](#) help others....?

From our perspective, we strongly believe our dashboard & work contributes to society. *But we are going to need help*, to make it even more effective and to *help others who are still vulnerable across the world*.

Sharing our "Lessons Learned"

- Full *transparency* in work & status makes *joint effort and actions* possible.
- Exposure in *news & social media* helps
- Holistic approach in *working together* and give the credits to finders/ helpers.
- Always *fact check your evidence* and *use more sources*.
- Be *respectful and polite* in the communication with potential victims when informing them.
- *Less is more*. Give practical advice how to solve and make it short. The idea is that the vulnerability is being solved as soon as possible.
- *Share the evidence* of the vulnerability, only with the victims, so they are able to fact check the situation themselves and take the necessary actions in a short time.
- *Helping others* is not about making money, it is about the *intention of your action* without expecting something in return.

What did we do?

We detect & analyse high risk "criminal" opportunities, share the risk & vulnerabilities with everybody, inform the ones who are at risk and give free advice about solution(s).

Scope of our action: the Netherlands

Sunday 2 July

Public reported our data and picked up by the Dutch press about the state of the Petya ransomware/wiper.

At that moment there were **15.729** servers/computer systems vulnerable for the Petya ransomware / wiper in the Netherlands. We discovered **953.017** vulnerable servers/computer systems **Worldwide**.

Monday 3 July

Nederland.ICT (the industry association of the ICT sector in the Netherlands) offered help informing the ones who are vulnerable, located in the Netherlands including smaller companies (SMB).

Tuesday 4 July

- Validating our OSINT feeds with our Nmap scans checking for the vulnerability in the Dutch IPv4 space.
- Obtaining identifying metadata of the vulnerable systems by extracting DNS records, X.509 certificate details, extract Ripe and Whois information for quick labelling "problem owners".
- Setting up a messaging platform (SendGrid) and send a bulk of verified

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UPDATE BLOG:
progression
(Not)Petya &
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July 8, 2017



Blog: progression
(Not)Petya &
WannaCry
July 5, 2017



Intelligence door
aggregatie van open-
source bronnen
April 24, 2017



Live demo "Cyber
Security Health
Check"
March 17, 2017



Ransomware
seemingly hits faster
than management
can fix
February 17, 2017



Zo bescherm je je
privacy bij het
invullen van de
Stemwijzer
February 7, 2017



GDI.Foundation treft
eerste ransomware
op Elasticsearch aan
January 15, 2017



GDI.Foundation
genomineerd voor
ISOC.nl Innovatie
Award 2017
January 7, 2017



Het resultaat na 366
dagen ethisch
hacken: "Security zo
lek als een mandje"
January 3, 2017



Our Presentation
GFCE (Hungary) &
Lesson Learned
Responsible
Disclosure
May 9, 2016

