



**SECURITY
DAYS**

AKO VZNIKÁ ESET VÝSKUM ŠKODLIVÉHO KÓDU: ESET TECHNOLOGIE A INÉ TAJOMSTVÁ

Zuzana Hromcová | Malware Researcher



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SME KONFERENCIE

ESET research
@ESETresearch · Follow

Breaking. **#ESETResearch** discovered a new destructive data wiper malware used in Ukraine. ESET telemetry shows that it targets hundreds of machines in the region following the DDoS attacks against Ukrainian websites earlier this month.

12:25 PM · Feb 23, 2022


[Read the full conversation on Twitter](#)

3.5K Reply Share

[Read 65 replies](#)

ESET research
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#BREAKING #ESETresearch warns of a new discovery of a 3rd destructive wiper malware in Ukraine 🇺🇦. We first observed this malware we call **#CaddyWiper** today at 9h38 UTC. 1/7



11:22 AM · Mar 14, 2022


[Read the full conversation on Twitter](#)

1.3K Reply Share

[Read 28 replies](#)

ESET research
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#BREAKING #ESETresearch helped analyze a **#Sandworm** campaign against an energy company in **#Ukraine** 🇺🇦 using **#CaddyWiper** and a new version of the infamous **#Industroyer** malware. **#WarInUkraine** [wlvivsecurity.com/2022/04/12/ind...](https://wlvivsecurity.com/2022/04/12/industroyer2/) 1/5



wlvivsecurity.com
Industroyer2: Industroyer reloaded | WeLiveSecurity.com
ESET researchers have responded to a cyber-incident that affected an energy provider in ...

2:40 AM · Apr 12, 2022

[Read the full conversation on Twitter](#)

643 Reply Share

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24 Mar 2022 - 01:30PM

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Čo sa skrýva za týmito titulkami?



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hacked_

SOROS

D-Link

D-Link

D-Link

D-Link

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Smart Control

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Nájdí zaujímavý
škodlivý súbor



Verejne dostupné
databázy malvéru



VIRUSTOTAL

Analyse suspicious files, domains, IPs and URLs to detect malware and other breaches, automatically share them with the security community

FILE	URL	SEARCH
------	-----	--------



Choose file

By submitting data above, you are agreeing to our [Terms of Service](#) and [Privacy Policy](#), and to the **sharing of your Sample submission with the security community**. Please do not submit any personal information; VirusTotal is not responsible for





/ 62



Community Score

30 security vendors and no sandboxes flagged this file as malicious



48f9471c20316b295704e6f8feb2196dd619799edec5835734fc24051f45c5b7

48f9471c20316b295704e6f8feb2196dd619799edec5835734fc24051f45c5b7.elf

78.17 KB
Size

2022-08-02 09:13:20 UTC
2 months ago



64bits elf

DETECTION

DETAILS

RELATIONS

BEHAVIOR

COMMUNITY 7

Security Vendors' Analysis

Ad-Aware	Trojan.Linux.GenericKD.40030713	AhnLab-V3	Trojan/Linux.Agent.80048
ALYac	Trojan.Linux.Agent	Antiy-AVL	Trojan/Generic.ASELF.166D
Avast	ELF:Lightning-B [Trj]	AVG	ELF:Lightning-B [Trj]
BitDefender	Trojan.Linux.GenericKD.40030713	Cyren	E64/Lightning.A





Search through corpus

Threat landscape

My group profile

Search modifiers

Documentation

Automate searches

Intelligence consumption



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FILE

URL

SEARCH

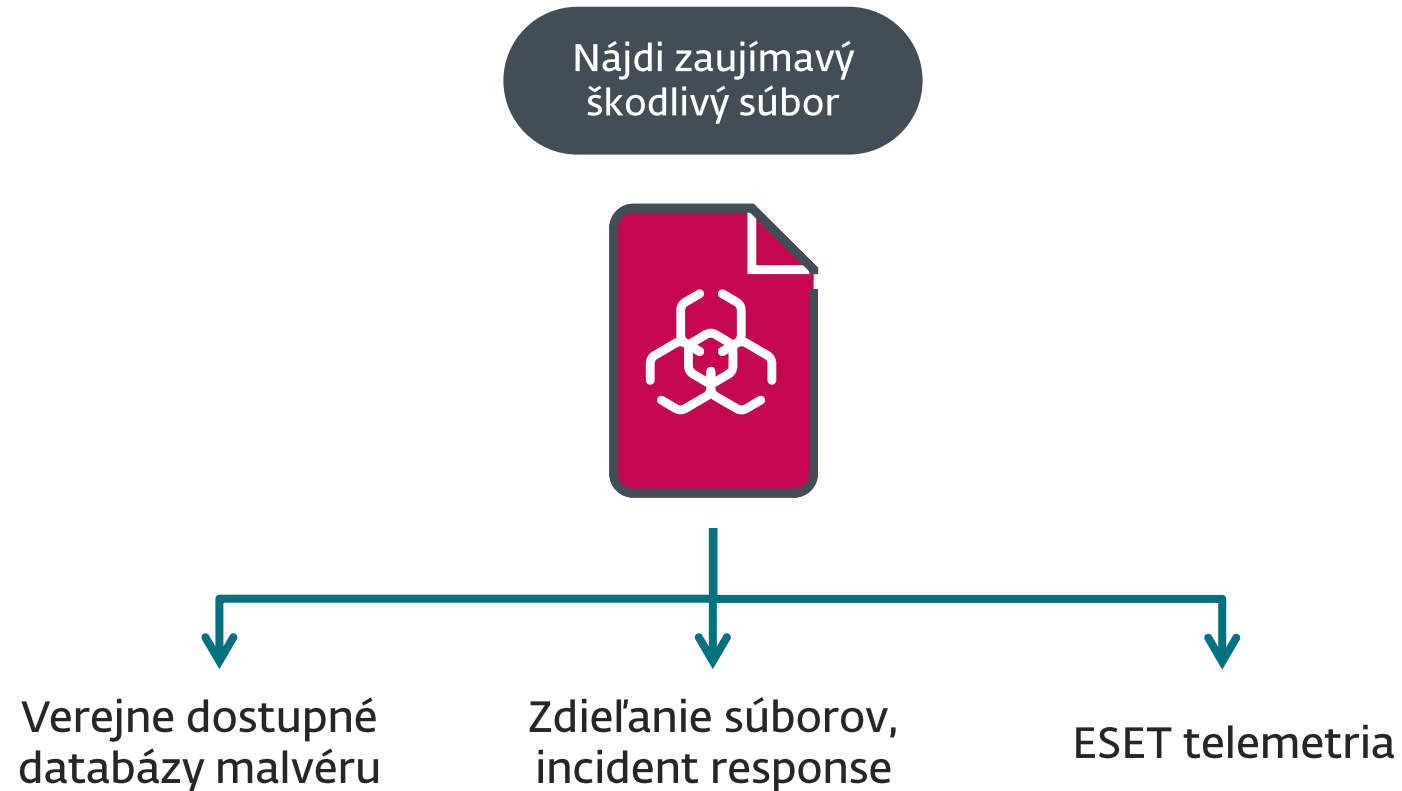


Choose file

By submitting data above, you are agreeing to our [Terms of Service](#) and [Privacy Policy](#), and to the **sharing of**



Výskum škodlivého kódu

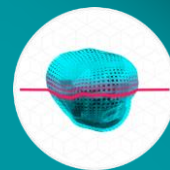




Reputation and Cache



Ransomware Shield



Advanced Memory Scanner



Brute-Force Attack Protection



Network Attack Protection



Device Control

POST EXECUTION



LiveGrid[®] Protection



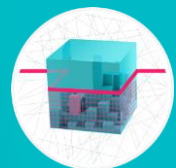
Botnet Protection



Exploit Blocker

PRE-EXECUTION

EXECUTION



UEFI Scanner



DNA Detections



Advanced Machine Learning



Script Scanner & AMSI



Secure Browser

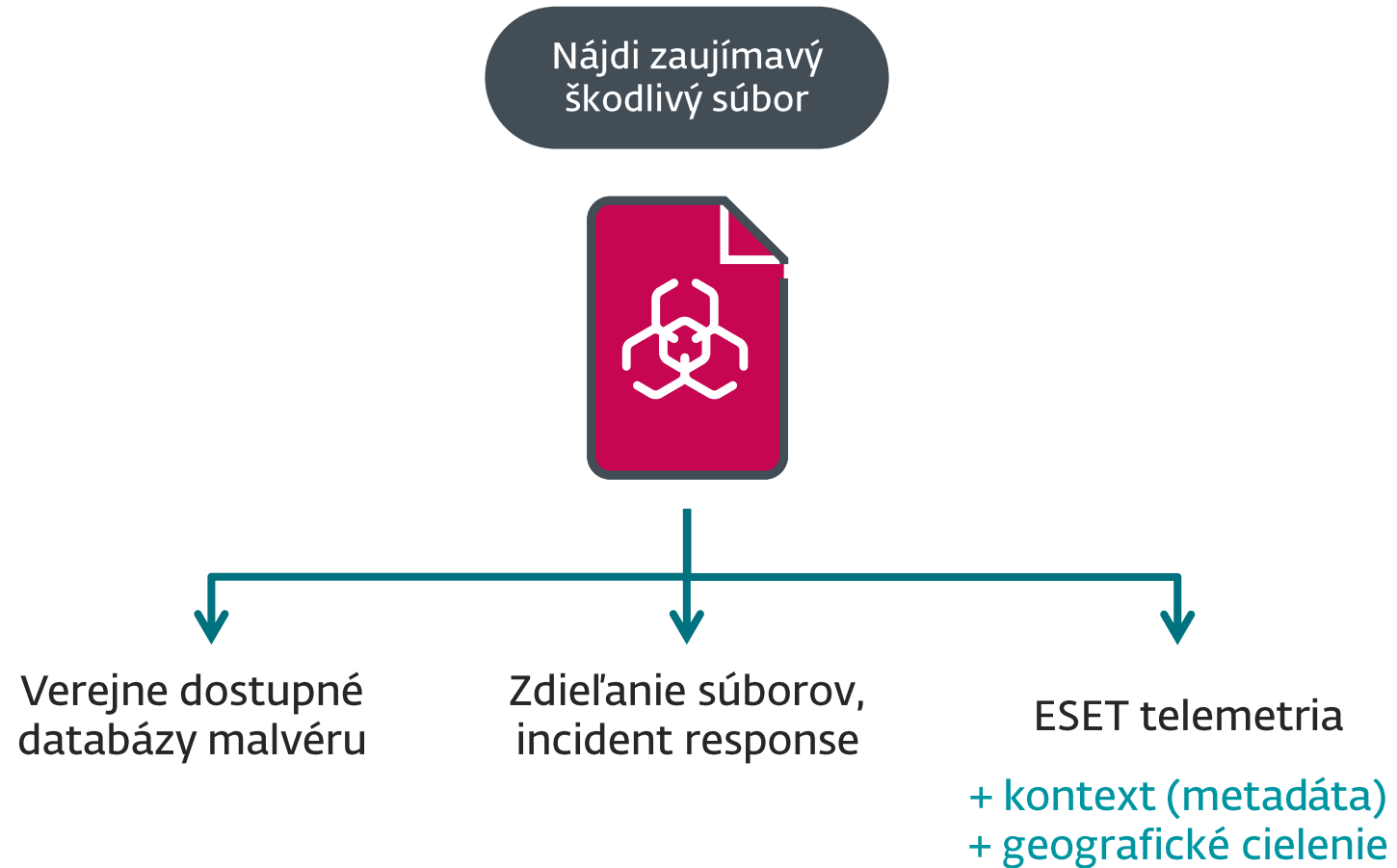


Deep Behavioral Inspection



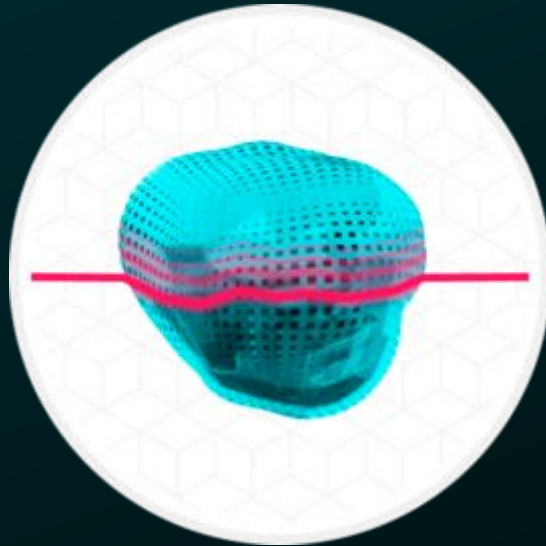
In-Product Sandbox

Výskum škodlivého kódu



Advanced Memory Scanner

HĽBKOVÁ KONTROLA SPRÁVANIA



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Digging up InvisiMole's hidden arsenal

ESET researchers reveal the modus operandi of the elusive InvisiMole group, including newly discovered ties with the Gamaredon group

 Zuzana Hromcová  Anton Cherepanov


18 Jun 2020 - 11:30AM

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ESET discovers Attor, a spy platform with curious GSM fingerprinting

ESET researchers discover a previously unreported cyberespionage platform used in targeted attacks against diplomatic missions and governmental institutions, and privacy-concerned users

 Zuzana Hromcová

10 Oct 2019 - 11:30AM

Script Scanner & AMSI

KONTROLA SKRIPTOV
A ROZHRANIE AMSI



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UEFI Scanner

KONTROLA UEFI



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LoJax: First UEFI rootkit found in the wild, courtesy of

welivesecurity™ BY eset®



BlackLotus UEFI bootkit: Myth confirmed

The first in-the-wild UEFI bootkit bypassing UEFI Secure Boot on fully updated UEFI systems is now a reality



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Nájdí zaujímavý škodlivý súbor



Verejne dostupné databázy malvéru

Zdieľanie súborov, Incident response

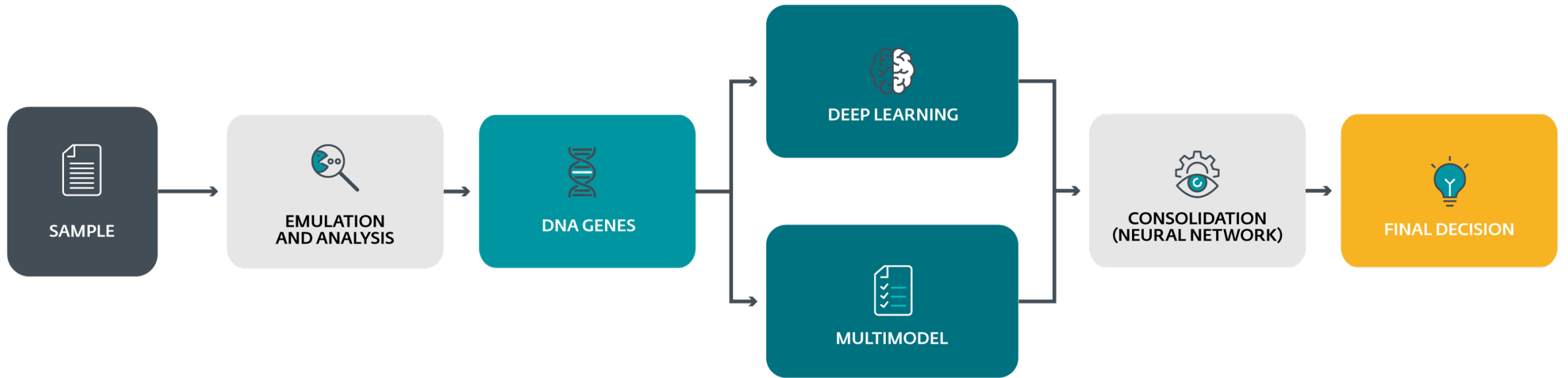
ESET telemetria

+ kontext (metadáta)
+ geografické cielenie
+ škodlivý kód zo všetkých zákutí operačného systému

Advanced Machine Learning

POKROČILÉ STROJOVÉ UČENIE





Advanced Machine Learning

POKROČILÉ STROJOVÉ UČENIE



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Winnti Group targeting universities in Hong Kong

ESET researchers uncover a new campaign of the Winnti Group targeting universities and using ShadowPad and Winnti malware

 **Mathieu Tartare**

31 Jan 2020 - 11:30AM

The image shows a webpage header for a security alert. At the top left is the logo 'welivesecurity™ BY eset®'. At the top right is a hamburger menu icon (☰). The main heading is 'Winnti Group targeting universities in Hong Kong'. Below the heading is a sub-headline: 'ESET researchers uncover a new campaign of the Winnti Group targeting universities and using ShadowPad and Winnti malware'. Below that is a small profile picture of a man with glasses, followed by the name 'Mathieu Tartare'. At the bottom left of the article preview is the date and time: '31 Jan 2020 - 11:30AM'. The background of the webpage is dark with glowing blue light effects and a central circular graphic.

Výskum škodlivého kódu

Nájdí zaujímavý škodlivý súbor



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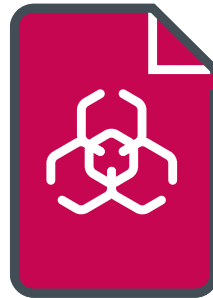
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Analýza malvéru,
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Vladislav Hrčka

28 Mar 2022 - 11:30AM

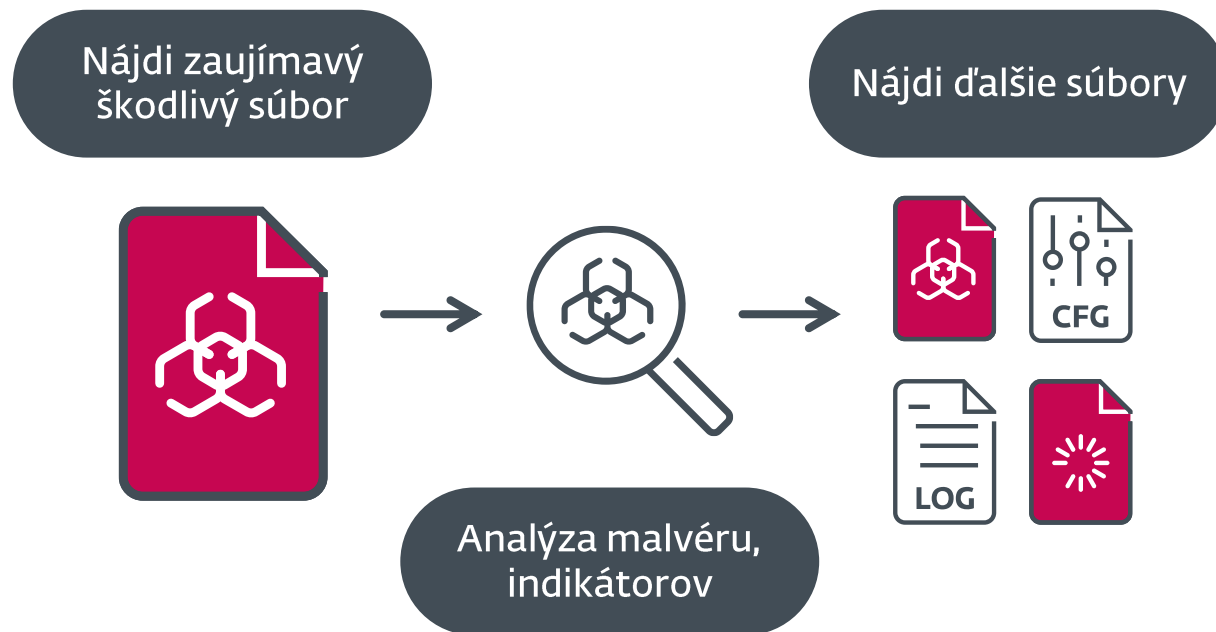
Výskum škodlivého kódu

Nájdí zaujímavý
škodlivý súbor



Analýza malvéru,
indikátorov

Výskum škodlivého kódu



FamousSparrow: A suspicious hotel guest

Yet another APT group that exploited the ProxyLogon vulnerability in March 2021



Tahseen Bin Taj



Matthieu Faou

23 Sep 2021 - 11:30AM

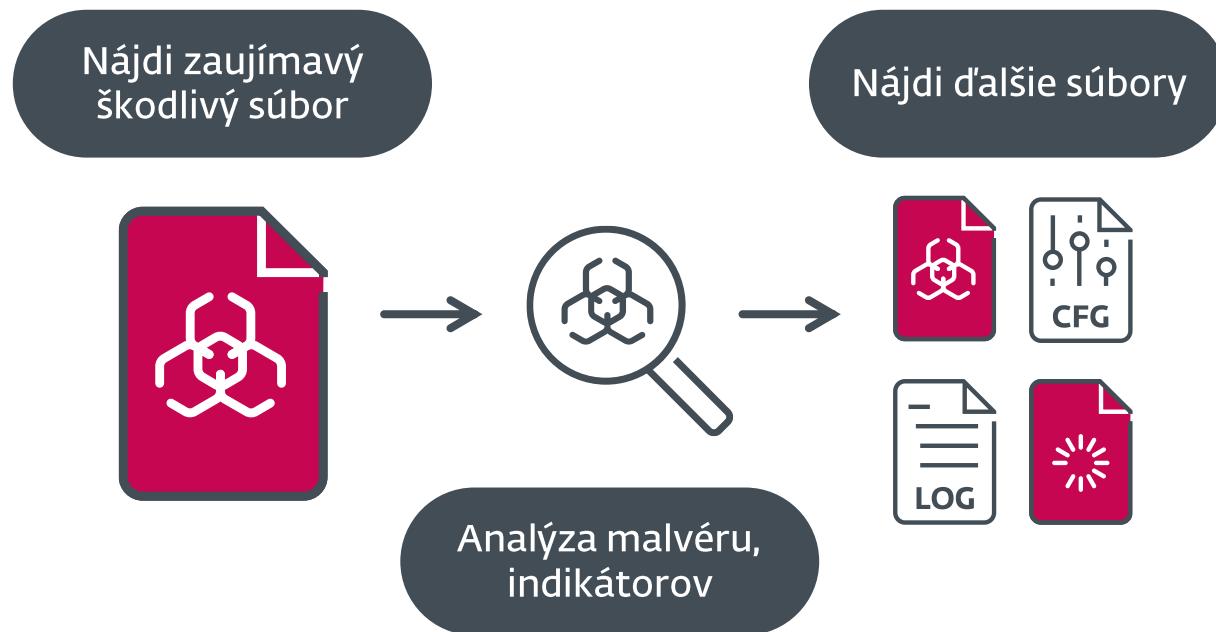
XDSpy: Stealing government secrets since 2011

ESET researchers uncover a new APT group that has been stealing sensitive documents from several governments in Eastern Europe and the Balkans since 2011



Matthieu Faou

Výskum škodlivého kódu



ESET DNA Detections

DNA DETEKČIE



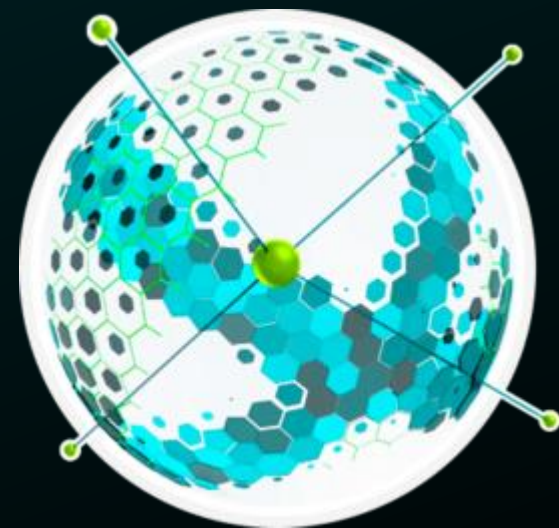
Script Scanner & AMSI

KONTROLA SKRIPTOV

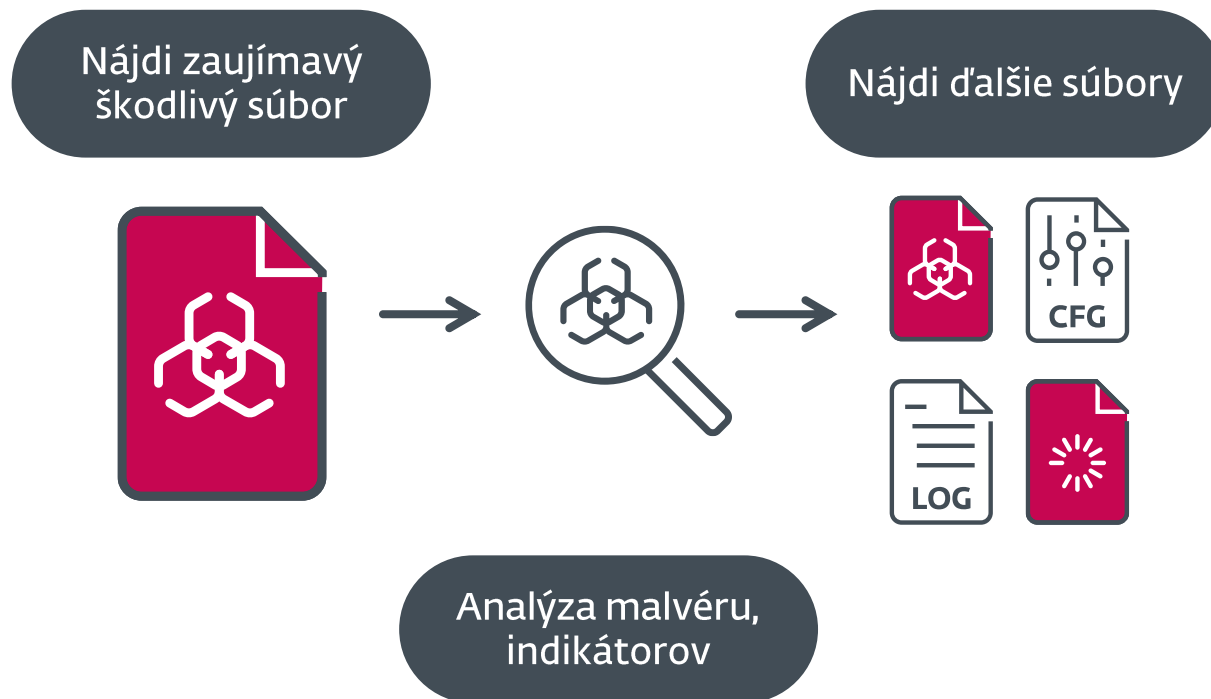


Network Level Protection

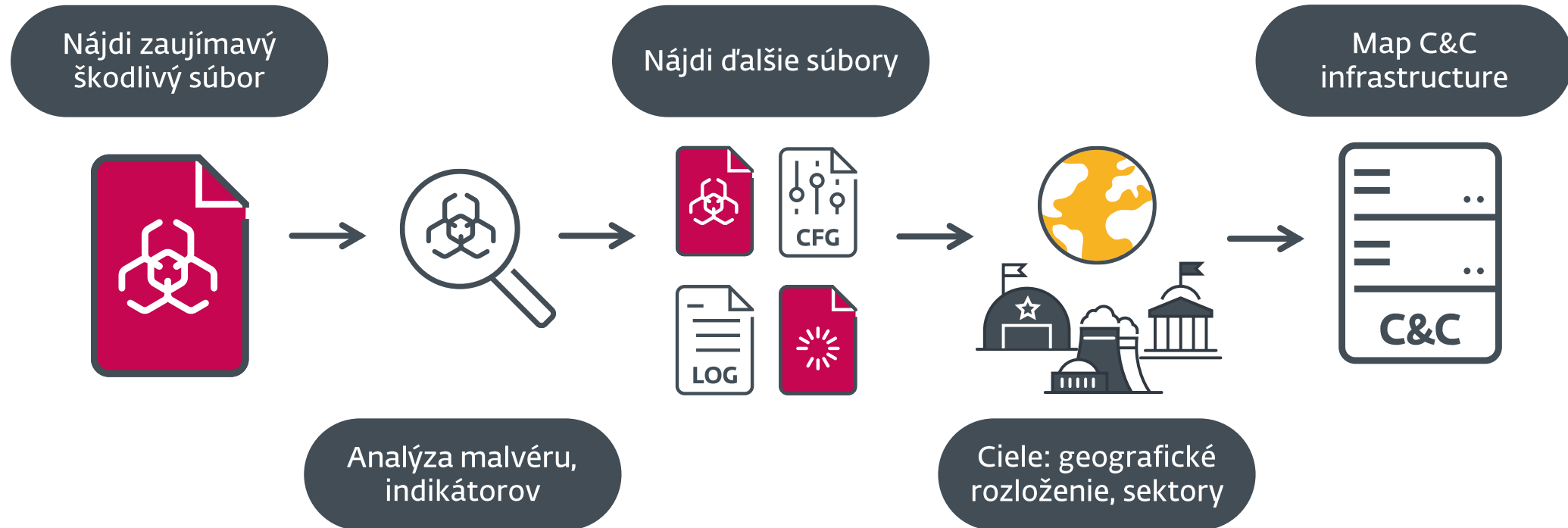
SIETOVÁ OCHRANA



Výskum škodlivého kódu

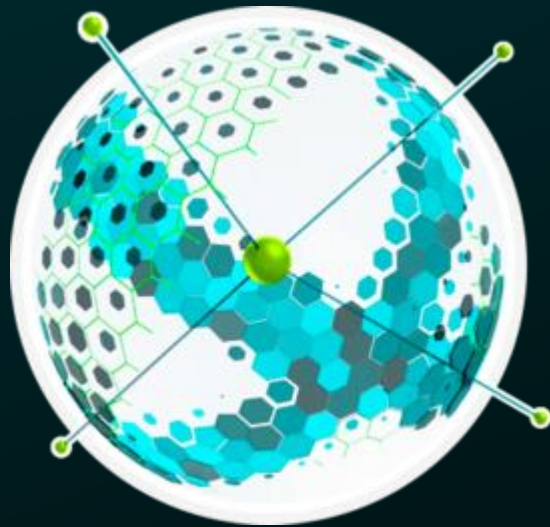


Výskum škodlivého kódu



Network Level Protection

SIEŤOVÁ OCHRANA

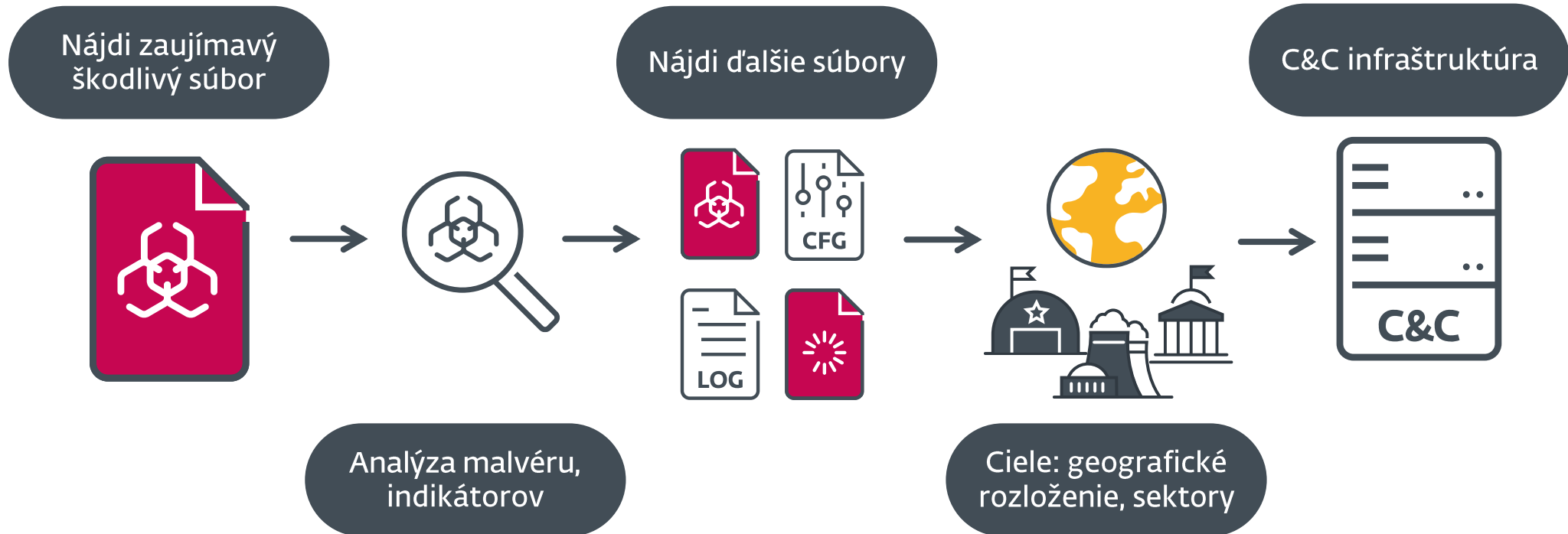


LiveGrid® Protection

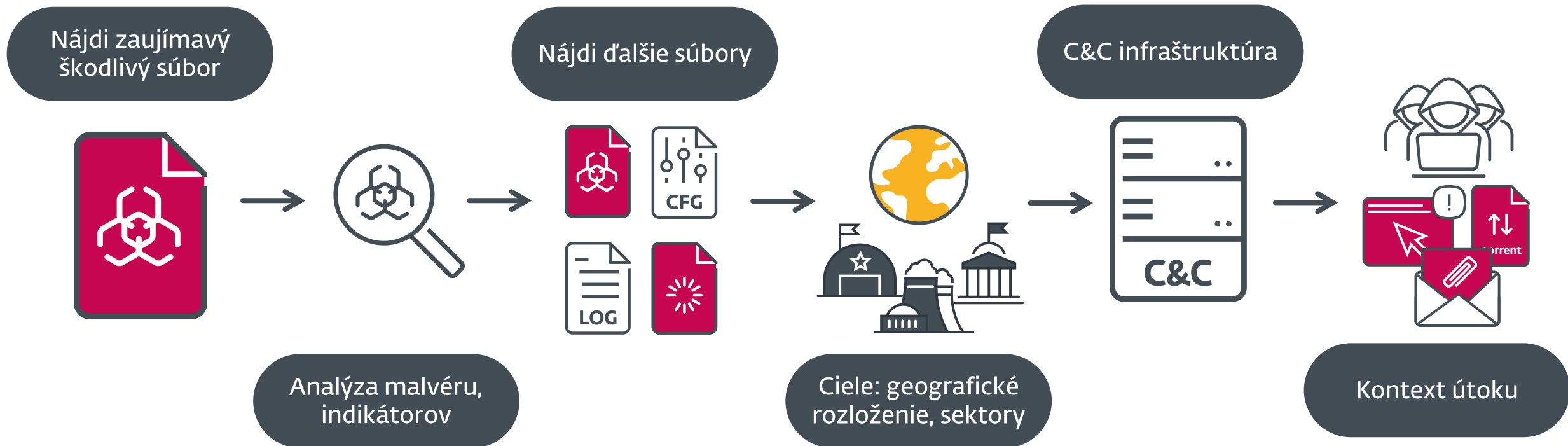
OCHRANA SYSTÉMOM LIVEGRID



Výskum škodlivého kódu



Výskum škodlivého kódu



A lookback under the TA410 umbrella: Its cyberespionage TTPs and activity

ESET researchers reveal a detailed profile of TA410: we believe this cyberespionage umbrella group consists of three different teams using different toolsets, including a new version of the FlowCloud espionage backdoor discovered by ESET.



Alexandre Côté Cyr



Matthieu Faou



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A čo crimeware?



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Botnet Analyzer

OCHRANA PRED BOTNETMI



The dirty dozen of Latin America: From Amavaldo to Zumanek

The grand finale of our series dedicated to demystifying Latin American banking trojans

(e):r ESET Research

15 Dec 2021 - 11:30AM

ESET takes part in global operation to disrupt Zloader botnets

ESET researchers provided technical analysis, statistical information, and known command and control server domain names and IP addresses



Jean-Ian Boutin



Tomáš Procházka



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Award-winning news, views, and insight from the ESET security community



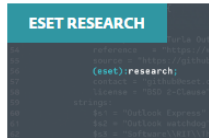
Research



The dirty dozen of Latin America: From Amavaldo to Zumanek

The grand finale of our series dedicated to demystifying Latin American banking trojans

ESET Research 15 Dec 2021 - 11:30AM



Launching ESET Research Podcast: A peek behind the scenes of ESET discoveries

Press play for the first episode as host Aryeh Goretsky is joined by Zuzana Hromcová to discuss native IIS malware

Roman Kovac 2 Dec 2021 - 11:30AM



Jumping the air gap: 15 years of nation-state effort

ESET researchers studied all the malicious frameworks ever reported publicly that have been used to attack air-gapped networks and are

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ESET research

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```
description = "url: outlook_malware
reference = "https://www.welivesecurity.com/...
source = "https://github.com/eset/malware-analysis
(eset):research;
contact = "github@eset.com"
license = "BSD 2-Clause"
strings:
```



ESET research

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#ESETresearch uncovers #CloudMensis, spyware for r storage as a way to communicate back and forth its of @marc_etienne_welivesecurity.com/2022/07/19/i-s... 1/7



welivesecurity.com I see what you did there: A look a ESET uncovers CloudMensis, a r



UEFI threats moving to the ESP: Introducing ESPECTer bootkit

ESET research discovers a previously undocumented UEFI bootkit with roots going back all the way to at least 2012



Martin Smolár



Anton Cherepanov

5 Oct 2021 - 11:30AM



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Čo sa skrýva za ESET výskumom škodlivého kódu?



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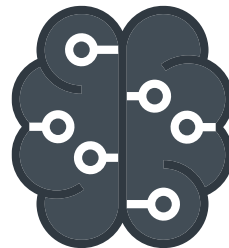
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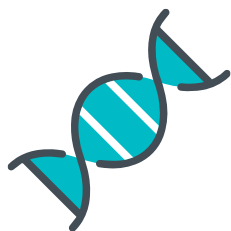
Spolupráca s
partnermi



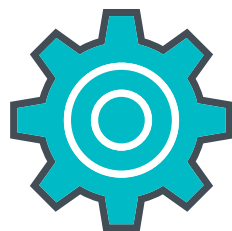
OSINT zdroje



Externé
služby



ESET
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