

CISCO
SECURE

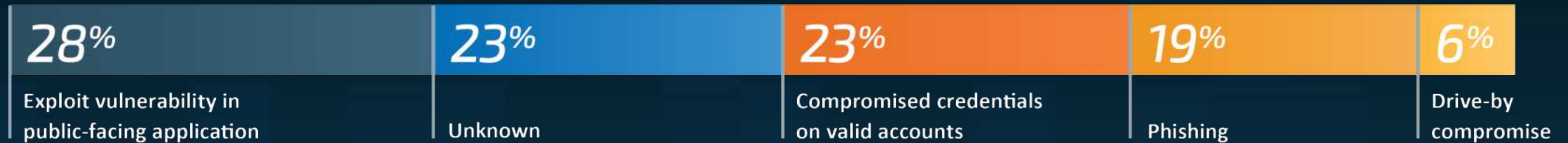
A jó, a rossz és az unknown

Top initial access vectors

According to Talos Incident Response data

Exploits in public-facing applications and compromised credentials/valid accounts accounted for half of initial access vectors in 2023.

Phishing rounds out the top 3 of known initial access vectors.



Note: Initial access vector is often hard to determine due to a variety of reasons — including insufficient logging or lack of visibility into the affected environment — resulting in “unknown” being highly represented.

Goals may be different, but methodologies are similar



Cyber crime

- Financially motivated
- Phishing
- Big-game hunting
- Social engineering

Different
motivations



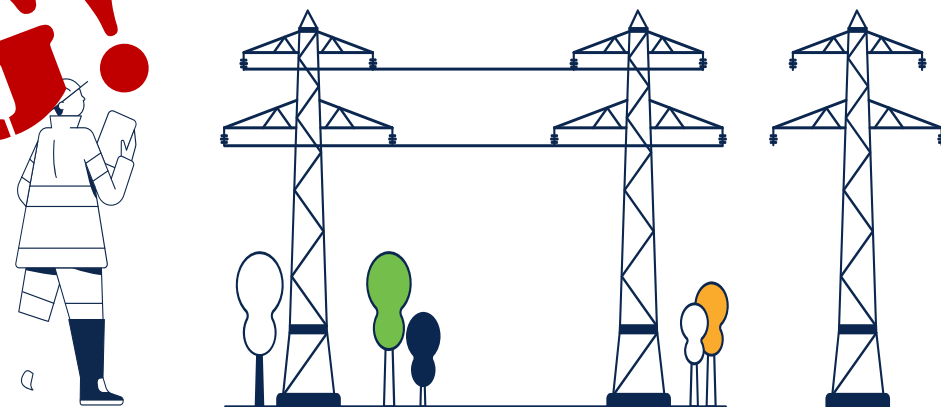
State-sponsored

- Data and espionage
- Havoc and chaos
- Supply chain attacks
- Partner abuse

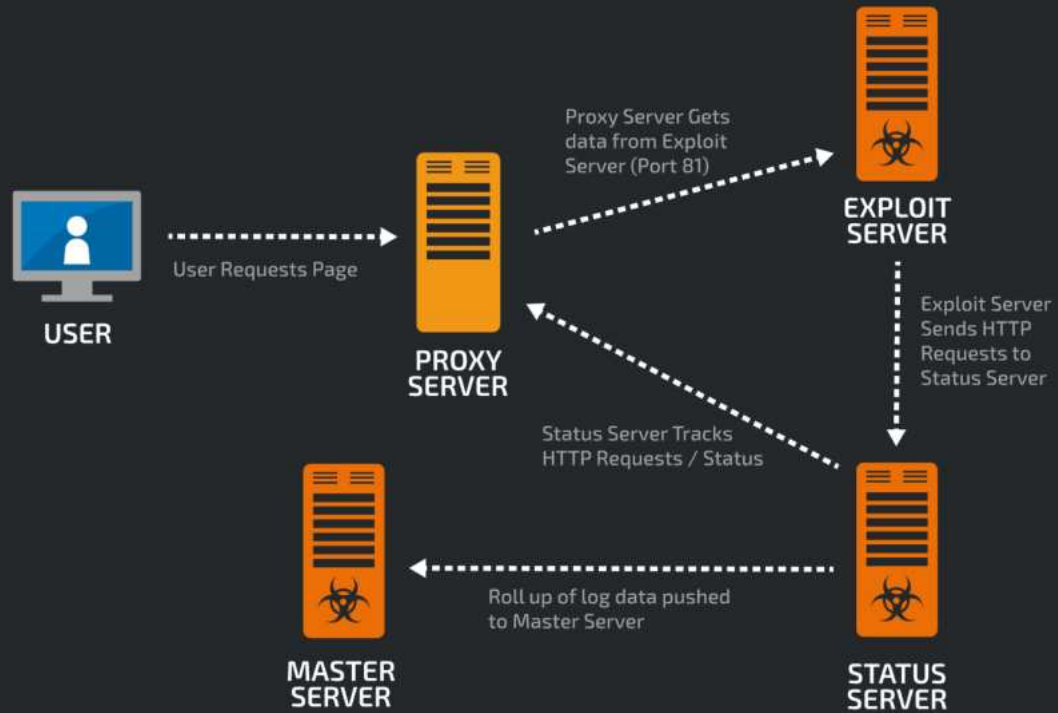
A vált\$ágdíj az új drog

- 1.7 millió ransomware támadást indítanak naponta (ez 19 másodpercenként egy)
- 2022 első fele: közepesen 250.7 millió ransomware támadás
- Előrejelzés 2031-re: \$265 milliárd költség évente

BORING!



Cyber Corleone



Angler Revenue

The average life of an Angler server is one day - in that day we found ~9,000 unique IP addresses with around 3600 compromised users. The average amount per user that pays the ransom is \$300, leading to an annual revenue of more than **\$34 Million**.

90,000

targeted victims per day



9,000

observed served exploits in a single day



40%

of users being served exploits were compromised



62%

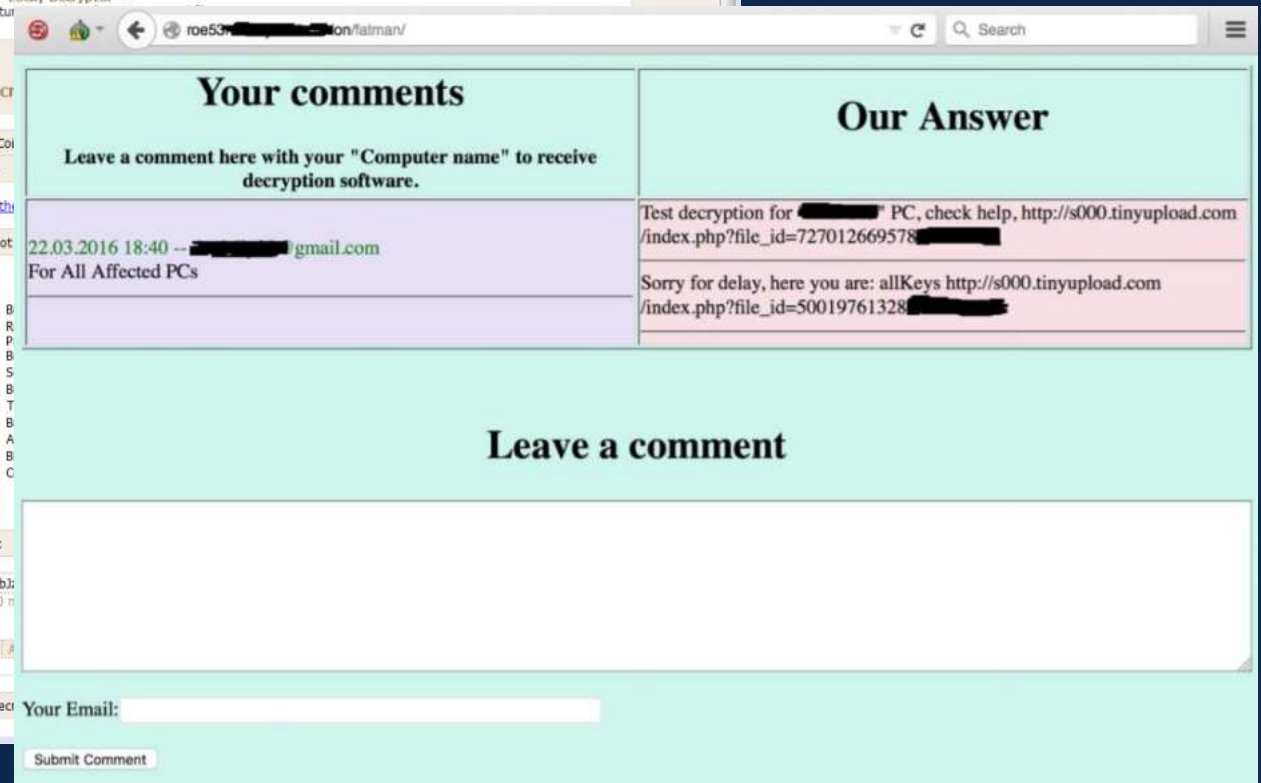
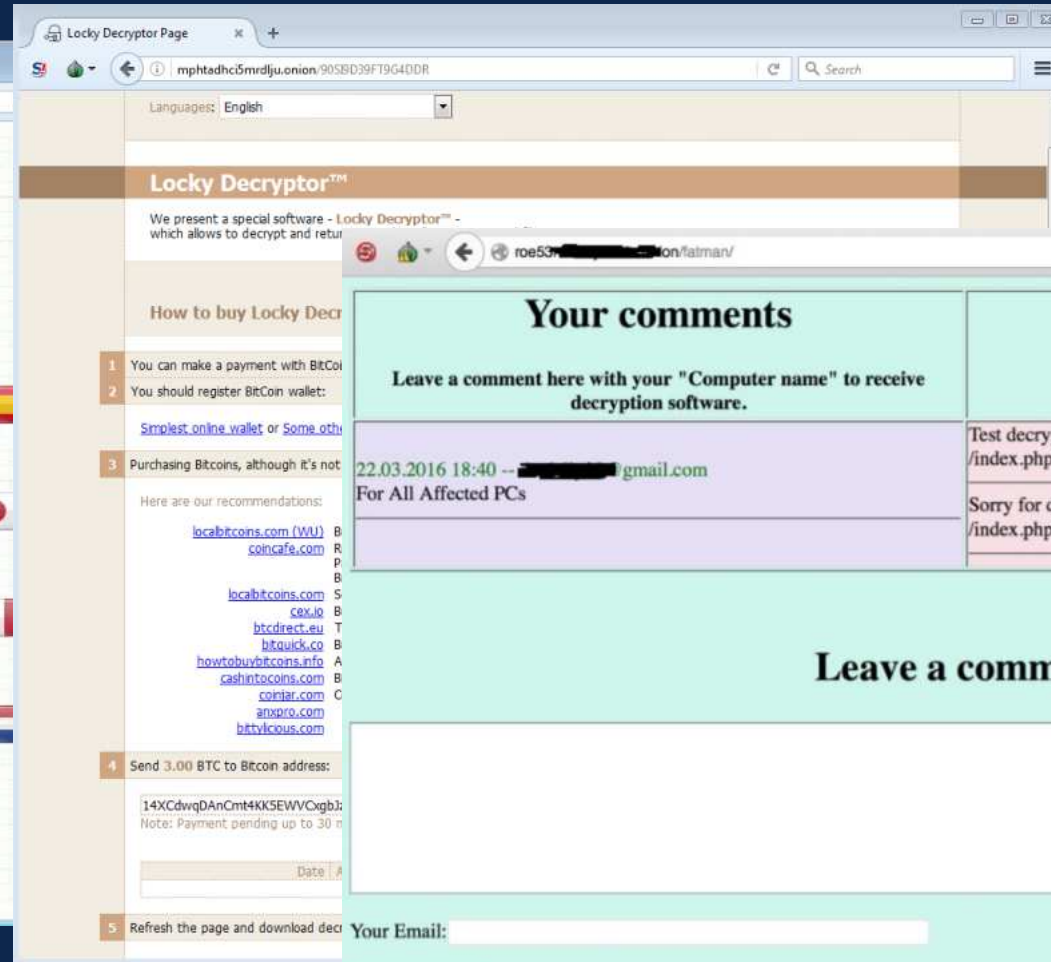
of Angler infections delivered Ransomware



Adjust the sliders below to view the impact Angler has had on its victims.

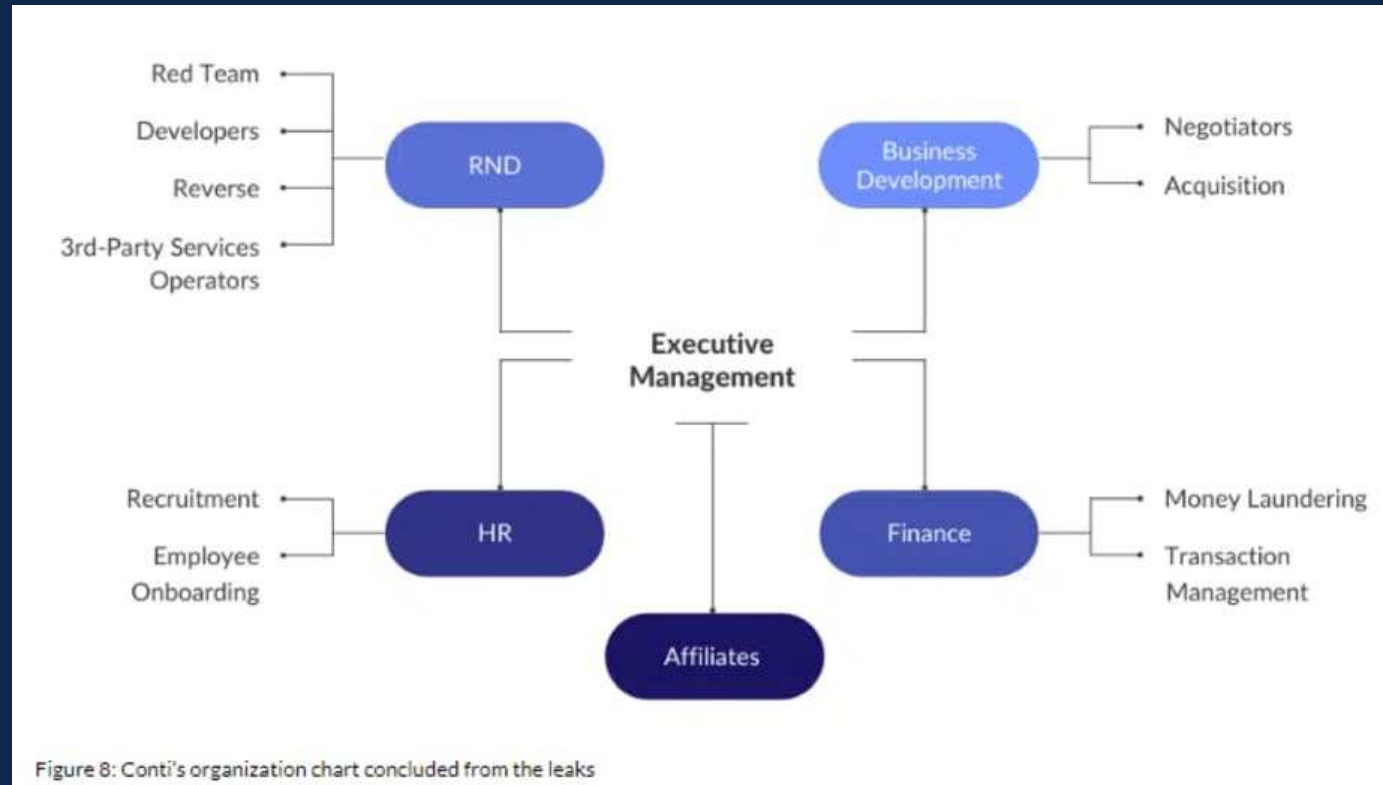
Reset Values

Kibertámadás Zrt.



Kibertámadás Zrt. – Conti group

- Képzési lehetőségek
- Jutalék a tárgyaló kollégáknak a befizetések után
- Teljesítményértékelések
- Ajánló program
- Hónap dolgozója díj
- Meglepetés a pozícióban



Proliferation of Data Leak Sites

Happy Blog Auction news

Blog search Search

██████████

██████████

Click to view all

██████████ - 2 Billions revenue

██████████ HACKED AND LEAKED DATA !

██████████

Click to view all

Leaked data from our victims. MENU

Sekhmet Leaks.

██████████ hit by Sekhmet

██████████

Posted by Sekhmet on June 29, 2020 Views 18789

██████████ hit by Sekhmet

██████████

Posted by Sekhmet on June 28, 2020 Views 18566

>_CL0P^_ - LEAKS

██████████

UPDATES

██████████ FILES AND CUSTOMERS DATA PART1 PUBLISHED

██████████ FILES AND CUSTOMERS DATA PART2 PUBLISHED

██████████ FILES AND CUSTOMERS DATA PART5 323GB PUBLISHED

██████████ FILES AND CUSTOMERS DATA PART4 203GB PUBLISHED

██████████ FILES AND CUSTOMERS DATA PART3 PUBLISHED

██████████ FILES AND CUSTOMERS DATA PART2 (Mail correspondence) PUBLISHED

Darkside

██████████ - More then 200 GB sensitive data. Pinned 08.08.2020

██████████

Included:

- Corporate HR
- Finance
- Human resources
- Payroll
- Administration
- Business plan
- Commercial
- And more other...

Read all

LOCKBIT LEAKED DATA

██████████ PUBLISHED FILES Secret data link: open links Password: ██████████

██████████

MORE

██████████ PUBLISHED FILES Secret data link: open links Password: ██████████

██████████

MORE

Home Page of Ragnar_Locker Leaks site



RAGNAR_LOCKER

WALL OF SHAME

Here will be permanent list of companies who would like to keep in secret the info leakage, exposing themselves and their customers, partners to even greater risk than a bug-hunting reward!

AVADON RANSOMWARE

Main Full dump Contact Us

Avaddon team collects and analyzes information about our clients and their companies. We specialize in customer privacy data, financial information, databases, credit card information and more.

Now we would like to talk about the cost of non-collaboration and self-service data recovery.

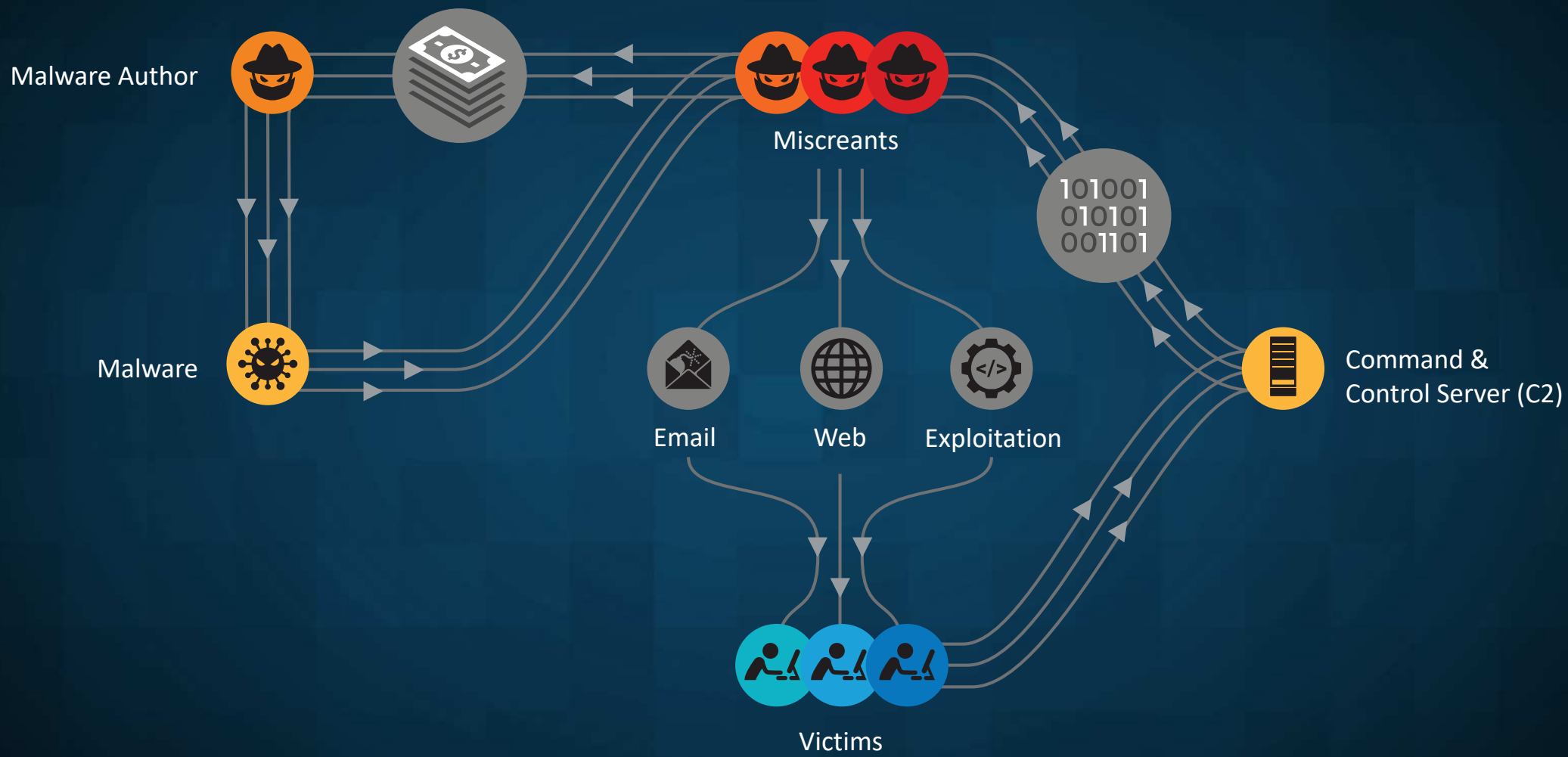
Encrypted files are not the main problem. Companies cannot understand the risk of information leakage, especially private information.

Such leaks of information lead to losses for the company, fines and lawsuits. And don't forget that information can fall into the hands of competitors!

Taktikák, technikák... és trükkök

The image shows the MITRE ATT&CK Matrix for Enterprise website. The navigation bar includes: MITRE | ATT&CK, Matrices, Tactics, Techniques, Data Sources, Mitigations, Groups, Software, Campaigns, Resources, Blog, Contribute, and a search box. The main heading is "ATT&CK Matrix for Enterprise". Below it are controls for "layout: side", "show sub-techniques", and "hide sub-techniques". A horizontal menu lists the stages: Reconnaissance, Resource Development, Initial Access, Execution, Persistence, Privilege Escalation, Defense Evasion, Credential Access, Discovery, Lateral Movement, Collection, Command and Control, and Exfiltration. The main content area is a grid of techniques, with a modal window overlaid on the left. The modal window shows a social media post from the user "britneyspears" with 421,451 likes. The post text is: "Such a great shoot with @david_roemer". The comments section includes: "Flakita hermosa", "Jerka24", "gabbyhyman @ndeblasio", "olya_1296 Бай(Красотка)", "victoriamiler_official", "andreehelena @azumpano she looks like old Brit!!!", and "asmith2155 #2hot make loved to her, uupss #Hot #X" (highlighted with a red box). Other comments include "meela_universe Still hot!" and "lilyabraun". The bottom of the modal shows a "Log in to like or comment" button. The background grid shows various techniques such as "Request Generation", "Network Sniffing", "OS Credential Dumping", "Steal Application Access Token", "Group Policy Discovery", "Network Service Discovery", "Network Share Discovery", "Network Sniffing", "Network Shared Drive", "Data from Removable Media", "Data Staged", "Email Collection", "Non-Standard Port", "Protocol Tunneling", "Proxy", "Remote Access Software", and "Transfer Data to Cloud Account".

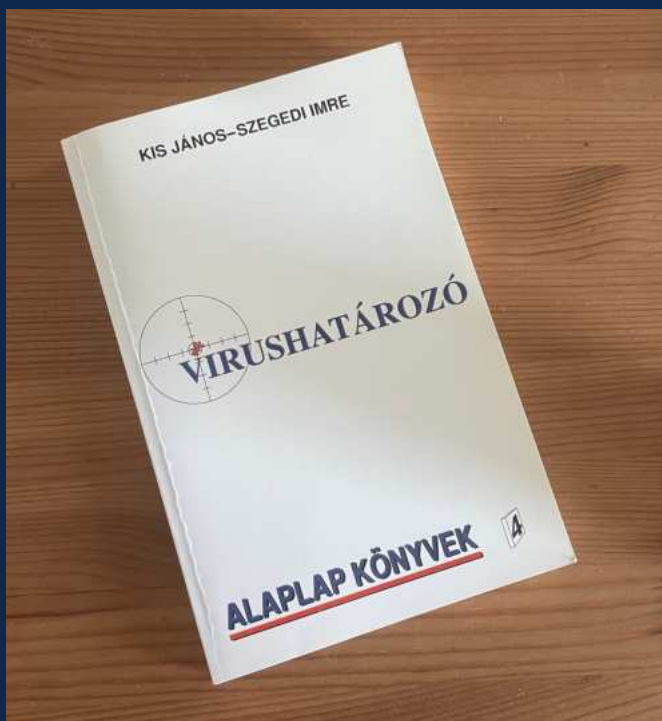
Commodity Malware Lifecycle



Sziszüphosz szignatúrákat írta

- 1992

1263 (534 + 729) vírus SZUMMA



- 2022

1.4 M új malware minta naponta



TALOS



A DOUBLE-EDGED SWORD

THE THREAT OF DUAL-USE TOOLS



Native Functionality

- How is it abused by attackers?
- Common Examples
 - PowerShell
 - WinRM/PS Remoting
 - VBScript
 - JScript
 - WMI

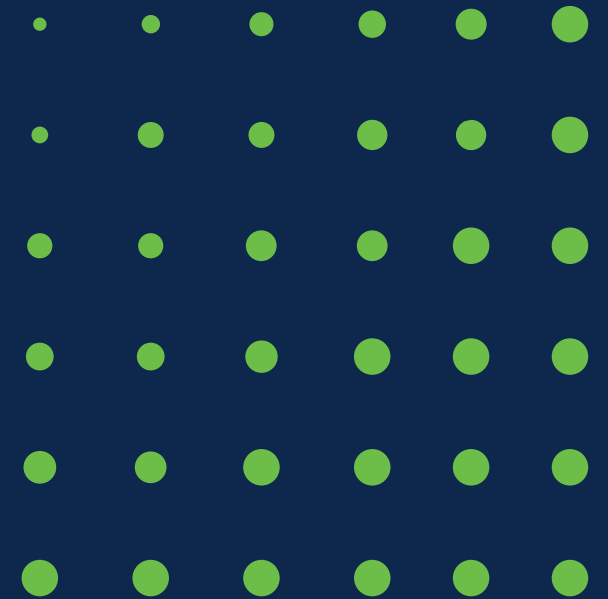


NIS2

Essential and important entities should adopt a wide range of basic cyber hygiene practices, such as

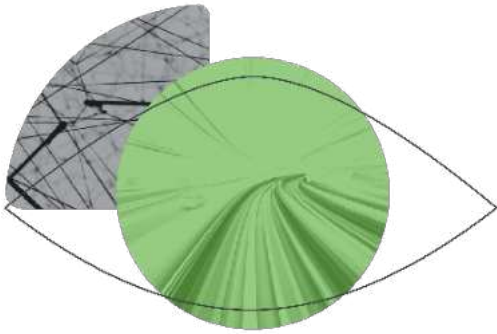
- zero-trust principles,
- software updates,
- device configuration,
- network segmentation,
- identity and access management
- user awareness
- ...

Zero trust



The Foundations of Zero Trust in Your Workplace

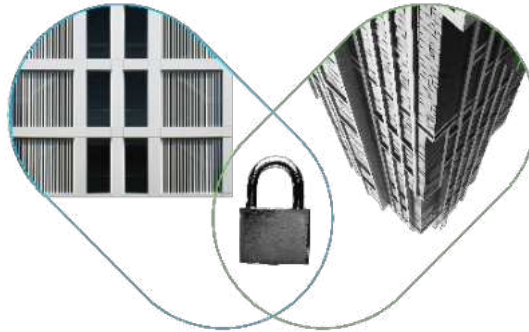
Visibility



Grant the right level of network access to users across domains



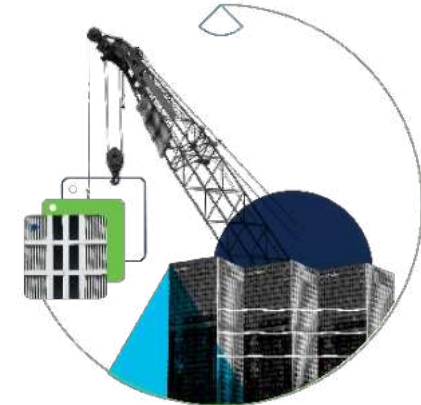
Segmentation



Shrink zones of trust and grant access based on least privilege



Containment



Automate containment of infected endpoints and revoke network access

XDR



Interview with a LockBit ransomware operator

By Azim Khodjibaev,
Dmytro Korzhevin and Kendall McKay





If you think technology can solve your security problems, then you don't understand the problems and you don't understand the technology.

Bruce Schneier



The bridge to possible