



Security Summit

Roma, 19 giugno 2024



Intelligence report: nuovi vettori di attacco e modelli di business del Cybercrime

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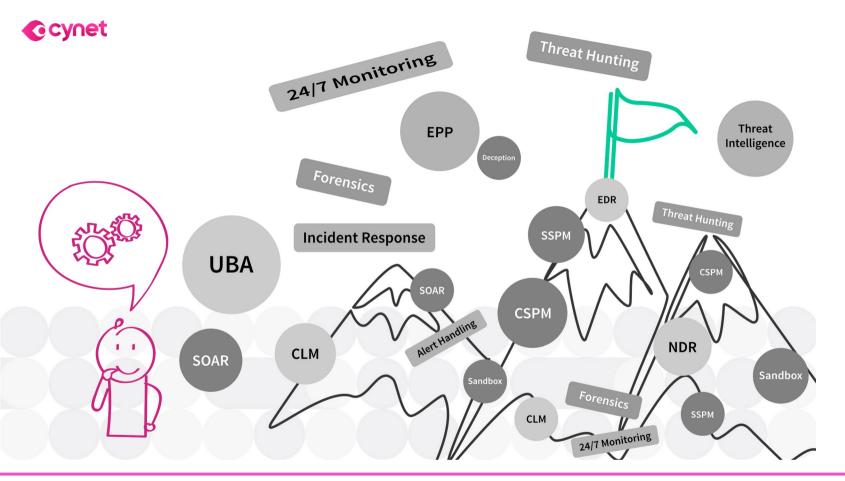


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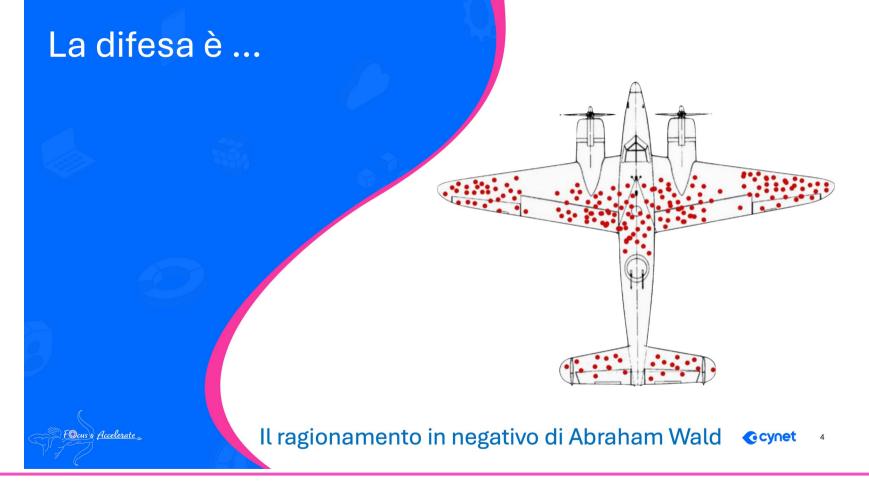
















Malware as a service

Nexus	Godfather	Pixpirate	Saderat	Hook	PixBankBot	Xenomorph v3	Vultur	BrasDex	GoatRat
(N)			F	(3)					
498 Known Variants	1,171 Known Variants	123 Known Variants	300 Known Variants	14 Known Variants	4 Known Variants	6 Known Variants	9 Known Variants	1 Known Variants	52 Known Variants
39 Banking Apps Targeted	237 Banking Apps Targeted	10 Banking Apps Targeted	8 Banking Apps Targeted	468 Banking Apps Targeted	4 Banking Apps Targeted	83 Banking Apps Targeted	122 Banking Apps Targeted	8 Banking Apps Targeted	6 Banking Apps Targeted
9 Countries Targeted	57 Countries Targeted	1 Countries Targeted	23 Countries Targeted	43 Countries Targeted	1 Countries Targeted	14 Countries Targeted	15 Countries Targeted	Countries Targeted	1 Countries Targeted
Offered as MaaS	Offered as MaaS	Not offered as MaaS	Not offered as MaaS	Offered as MaaS	Not offered as MaaS	Offered as MaaS	Not offered as MaaS	Not offered as MaaS	Not offered as MaaS
Stolen Data Exiltrated to: US Nativalerus Turksy	Stolen Data Exfiltrated to: USA Turkey Spain Canada	Stolen Data Exfiltrated to: Brazil	Stolen Data Exfiltrated to: Thailand Philippines Peru	Stolen Data Exfiltrated to: Russia	Stolen Data Exfiltrated to: Brazil	Stolen Data Exfiltrated to: USA	Stolen Data Exfiltrated to: USA	Stolen Data Exfiltrated to: Australia Poland	Stolen Data Exfiltrated to: Brazil







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Cloud9: Chrome Extension Enables Remote Device Control

Late in the fall of 2022, the zLabs team discovered a malicious, potentially extremely dangerous extension to the Chrome browser. Dubbed Cloud9, this malware has the ability to steal information available during browser sessions. In addition, it can install malware that enables malicious actors to gain control over the infected device. This malware is distributed in a number of ways, including sideloading through fake executables and malicious websites purporting to provide users with Adobe Flash Player updates.



Schoolyard Bully: Trojan Credential Stealer Afflicts 300.000 Victims

Late in 2022, zLabs discovered a new Android threat campaign, the Schoolyard Bully Trojan. These trojans have been found in numerous apps that were downloaded from the Google Play Store and third-party app stores. The trojans are hidden within seemingly legitimate educational apps. Claiming more than 300,000 victims, the malware is focused on stealing an individual's Facebook credentials. While these malicious apps have been removed from the Google Play store, they remain on numerous third-party app sites.



Dark Herring: Scamware Exceeds 100 Million Installations

Last year's report featured an Android Trojan attack known as GriftHorse, outlining how it infected 10 million devices in over 70 countries. Unfortunately, since that time, the scamware threat only became more widespread. Early in 2022, zLabs discovered Dark Herring, another scamware campaign. Dark Herring has targeted more than 100 million victims globally. This campaign exploits direct carrier billing to scam money from unsuspecting users, with losses estimated to have reached hundreds of millions of dollars.



TeaBot campaign. TeaBot is a banking trojan that was first detected by Cleafy in 2021." This malware is designed to steal victims' credentials and SMS messages. In late 2021 and early 2022, the number of malware samples grew substantially. Ultimately, more than 400 malicious apps were detected.



Dark Herring campaign. Early in 2022, Zimperium discovered this malware campaign which successfully targeted more than 105,000,000 victims around the world. This campaign exploits direct carrier billing to scam money from unsuspecting users, and losses are estimated to have reached hundreds of millions of dollars.



RaMMaid campaign. In the fail of 2022 the Zimber and the Zimperim Labs team issued a warning about RatMilda. an Android spyware campaign trageling individuals in the Middle East." The spyware was hibble within a phone number spooling app and was distributed under the guise of enabling users to independently verify a social media account. Once users installed the app, malicious actors could gain control over their mobile devices, including the ability to view contacts, phone call logs, media, and files.



RatMilad

MoneyMonger: Malware Disguised by Flutter

Near the end of 2022, 2.Labs announced the discovery of MoneyMonger. Disguised as an app enabling individuals to get loans, this malware campaign enables malicious actors to steal private data. MoneyMonger was discovered in a Flutter app. Flutter is an open-source software kit for developing cross-platform apps. Through Flutter, teams can develop and maintain one codebase while delivering native mobile apps on multiple device platforms. By taking advantage of Flutter's framework, the threat actors behind MoneyMonger were able to obfuscate malicious features so they're not detected by legacy mobile security products.



teams and nation states. RatMilad is just one example of how this type of spyware is being employed by smaller organization. This is makinar (which has various spyware capabilities such as data edittration techniques) has taken various forms. The original variant of RatMilh is a hore neumber spoofing ago paled Text Me, variant of RatMilh is a hore neumber spoofing ago paled Text Me, an app that purported to help users verify a solid media account by phone. In the fall of 2022, Ltabs Gosovered a live sample of RatMilh indicen with na pop called NumRent, which is a renamed, updated version of Text Me. These apps are distributed through hinks in messages and social media costs.



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The Godfather

- Anti-emulator
- Collect victim's device info
- Unstructured
 Supplementary Service
 Data
- Call forwarding
- Push notifications
- Smishing
- Steal SMSs
- Record the screen
- VNC
- Start/Kill the malware
- Cache cleaner











Predator Spywa:

Cost: unknown

Ttps: unknown

Attack Vector: SMS/MSG

Capabilities: HPPT zero-

click injection

Stealth mode







.com/+CSCOE+/logon.html URL: https://vpn. Username: Password: Application: Google [Chrome] Default URL: https://mail. /owa/auth/logon.aspx Username: Password: Application: BraveSoftware [Brave-Browser] Default salesforce.com/ [Line] URL: https:// Username: Password: Soft: Google Chrome [Default] Host: https://rds. .com/RDWeb/Pages/fr-FR/login.aspx Login: re Password: SOFT: Chrome (v109.0.5414.75-64, Profile: Default) URL: https://intranet. .it/ USER: PASS: SOFT: Chrome (v112.0.5615.49-64, Profile: Default) URL: https://exchange.......sg/passwordportal/ USER: PASS:







New Cybercrime

Qakbot: 700k+ (Botnet)

Genesis market: 1,5M+ host

infected (credentials)

Raid forum: 800M+ records

Russian market:

ChatGPT/Gemini 20x Ransomware: +63% paid

Affiliate program: +200%

Adavanced tactics and technics: 138 ATP groups













When Cyberdefense fails

