Diving into the underground market of Stealer Logs

Apurv Singh Gautam
ASG_Sc0rpi0n

About Me

- Threat Researcher
- TA @ StationX
- Cybersecurity @ Georgia Tech (Go Jackets)
- Presented at conferences

- Hobbies
  - Hiking
  - Lockpicking
  - Gaming/Streaming

- Twitter - @ASG_Sc0rpi0n
- Website – apurvsinghgautam.me

AGENDA

- Stealers: Introduction
- Stealer Logs
- Underground Market Analysis
- Market beyond Stealer Logs
- Protection for consumers/business
- Conclusion

Stealers: Introduction

What are Stealers?

- Trojan
- Steal username, password, cookies, autofills, etc.
- Used for initial access

<Put graphic on this slide>

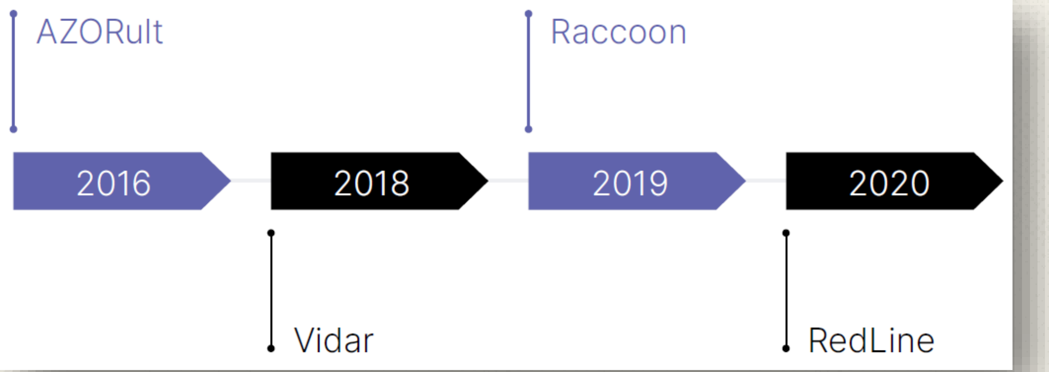
Stealers over Time

- Zeus (2006)
- Koobface (2008)
- Currently most botnets have stealer capability
- Examples – TrickBot, Emotet, LokiBot, etc.

Current Market of Stealers

Top Stealers	
Agent Tesla	Oski
Formbook	Bloody
RedLine	AZORult
Raccoon	Loki
Mars	CopperStealer
Vidar	KPOT

○ Widely known stealers – AZORult, Vidar, Raccoon, RedLine



AZORult 2016

Vidar 2018

Raccoon 2019

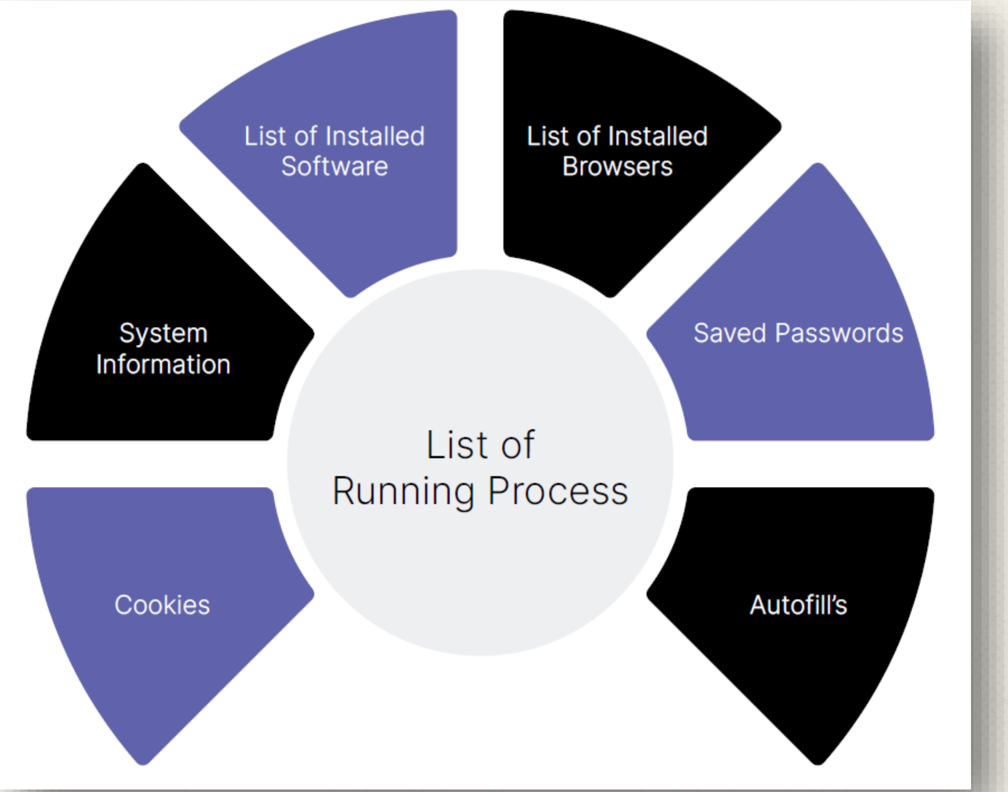
RedLine 2020

Infection Methods

- Phishing, torrents, pirated software, compromised websites, etc.
- Leverage anti-evasion techniques
- Rely on Wrappers/Packers/Cryptors

Capability of Stealers

- Keylogging
- Hooking into browsers and other applications
- Utilizing Web Injection scripts

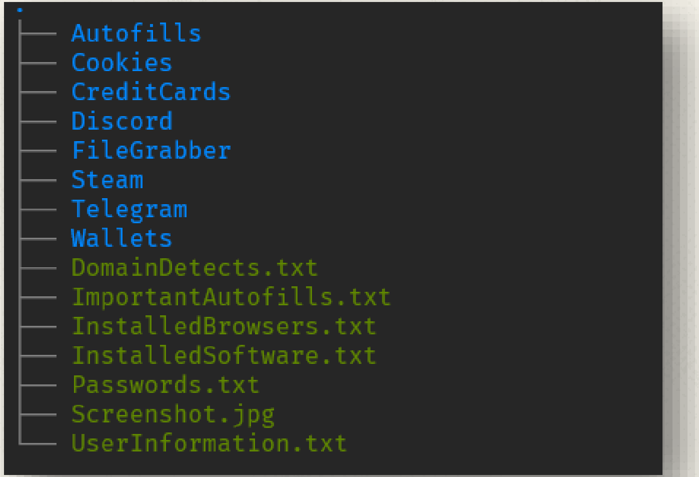


Stealer Logs

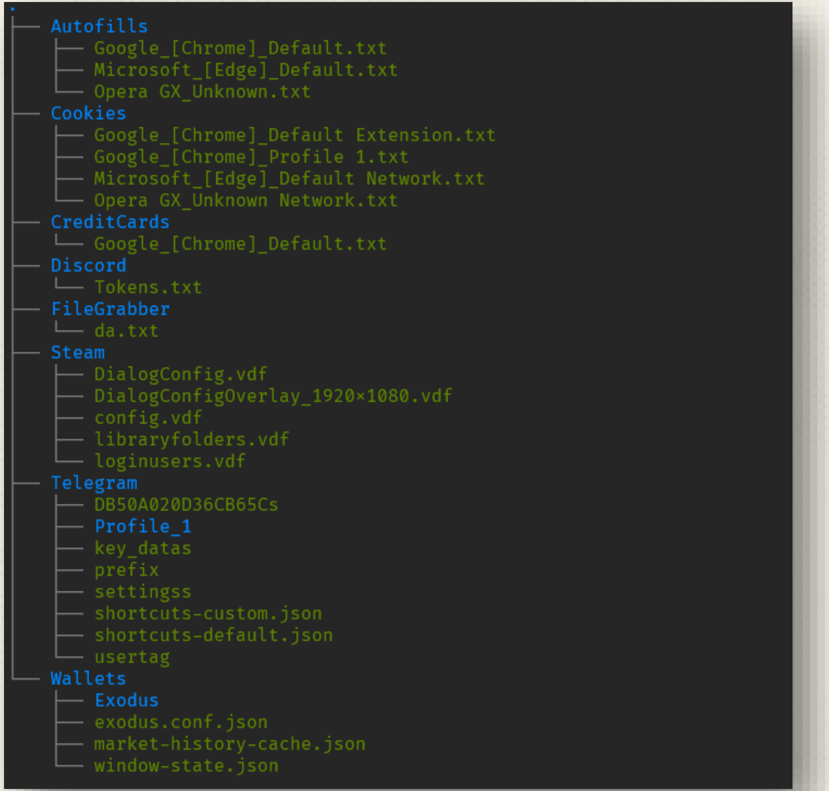
Types of Logs Generated

- Browser Cookies
- Browser Autofills
- Crypto Wallets
- Steam/Discord Tokens
- Login Details
- Payment Details

Example of Stealer Logs

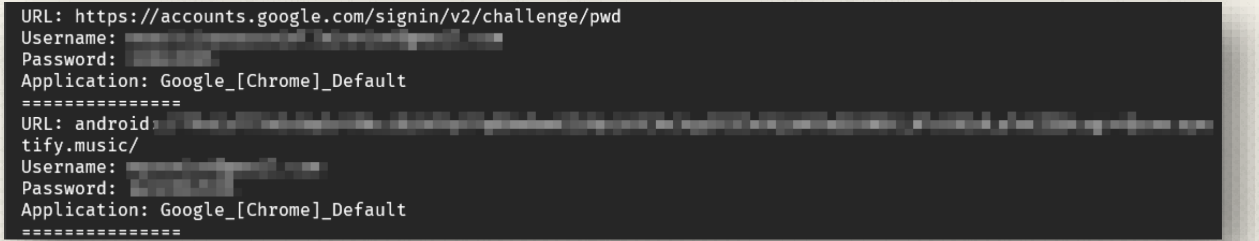


```
.
├── Autofills
├── Cookies
├── CreditCards
├── Discord
├── FileGrabber
├── Steam
├── Telegram
├── Wallets
├── DomainDetects.txt
├── ImportantAutofills.txt
├── InstalledBrowsers.txt
├── InstalledSoftware.txt
├── Passwords.txt
├── Screenshot.jpg
└── UserInformation.txt
```

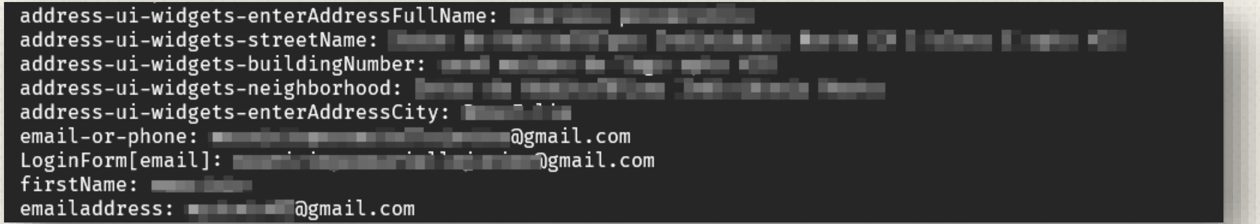


```
.
├── Autofills
│   ├── Google_[Chrome]_Default.txt
│   ├── Microsoft_[Edge]_Default.txt
│   └── Opera GX_Unknown.txt
├── Cookies
│   ├── Google_[Chrome]_Default Extension.txt
│   ├── Google_[Chrome]_Profile 1.txt
│   ├── Microsoft_[Edge]_Default Network.txt
│   └── Opera GX_Unknown Network.txt
├── CreditCards
│   └── Google_[Chrome]_Default.txt
├── Discord
│   └── Tokens.txt
├── FileGrabber
│   └── da.txt
├── Steam
│   ├── DialogConfig.vdf
│   ├── DialogConfigOverlay_1920×1080.vdf
│   ├── config.vdf
│   ├── libraryfolders.vdf
│   └── loginusers.vdf
├── Telegram
│   ├── DB50A020D36CB65Cs
│   ├── Profile_1
│   ├── key_datas
│   ├── prefix
│   ├── settingss
│   ├── shortcuts-custom.json
│   ├── shortcuts-default.json
│   └── usertag
└── Wallets
    ├── Exodus
    ├── exodus.conf.json
    ├── market-history-cache.json
    └── window-state.json
```

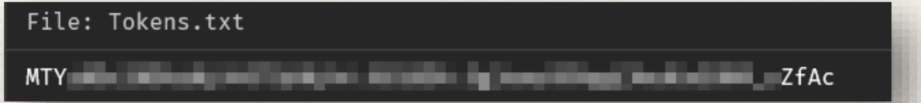
Example of Stealer Logs



```
URL: https://accounts.google.com/signin/v2/challenge/pwd
Username: [redacted]
Password: [redacted]
Application: Google_[Chrome]_Default
===============
URL: android:[redacted]
tify.music/
Username: [redacted]
Password: [redacted]
Application: Google_[Chrome]_Default
===============
```



```
address-ui-widgets-enterAddressFullName: [redacted]
address-ui-widgets-streetName: [redacted]
address-ui-widgets-buildingNumber: [redacted]
address-ui-widgets-neighborhood: [redacted]
address-ui-widgets-enterAddressCity: [redacted]
email-or-phone: [redacted]@gmail.com
LoginForm[email]: [redacted]@gmail.com
firstName: [redacted]
emailaddress: [redacted]@gmail.com
```

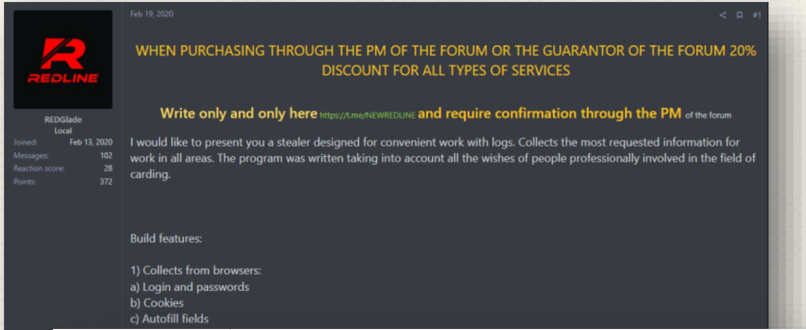


```
File: Tokens.txt

MTY[redacted]_ZfAc
```

Underground Market Analysis

Stealers Landscape



Feb 19, 2020

REDGlade
Local

Joined:	Feb 13, 2020
Messages:	102
Reaction score:	28
Points:	372

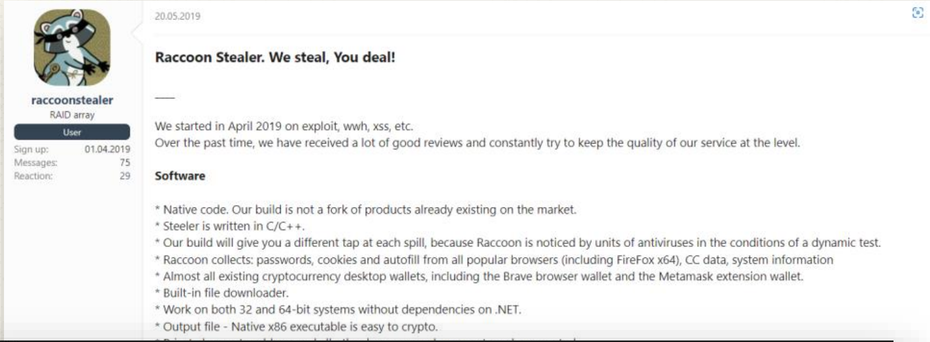
WHEN PURCHASING THROUGH THE PM OF THE FORUM OR THE GUARANTOR OF THE FORUM 20% DISCOUNT FOR ALL TYPES OF SERVICES

Write only and only here https://t.me/NEWREDLINE **and require confirmation through the PM** of the forum

I would like to present you a stealer designed for convenient work with logs. Collects the most requested information for work in all areas. The program was written taking into account all the wishes of people professionally involved in the field of carding.

Build features:

1) Collects from browsers:
a) Login and passwords
b) Cookies
c) Autofill fields



20.05.2019

raccoonstealer
RAID array
User

Sign up:	01.04.2019
Messages:	75
Reaction:	29

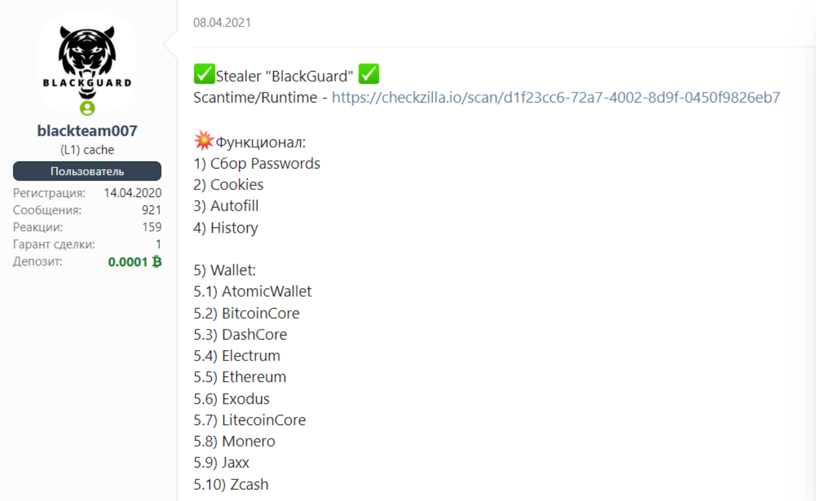
Raccoon Stealer. We steal, You deal!

—

We started in April 2019 on exploit, wwh, xss, etc.
Over the past time, we have received a lot of good reviews and constantly try to keep the quality of our service at the level.

Software

* Native code. Our build is not a fork of products already existing on the market.
* Steeler is written in C/C++.
* Our build will give you a different tap at each spill, because Raccoon is noticed by units of antiviruses in the conditions of a dynamic test.
* Raccoon collects: passwords, cookies and autofill from all popular browsers (including FireFox x64), CC data, system information
* Almost all existing cryptocurrency desktop wallets, including the Brave browser wallet and the Metamask extension wallet.
* Built-in file downloader.
* Work on both 32 and 64-bit systems without dependencies on .NET.
* Output file - Native x86 executable is easy to crypto.



08.04.2021

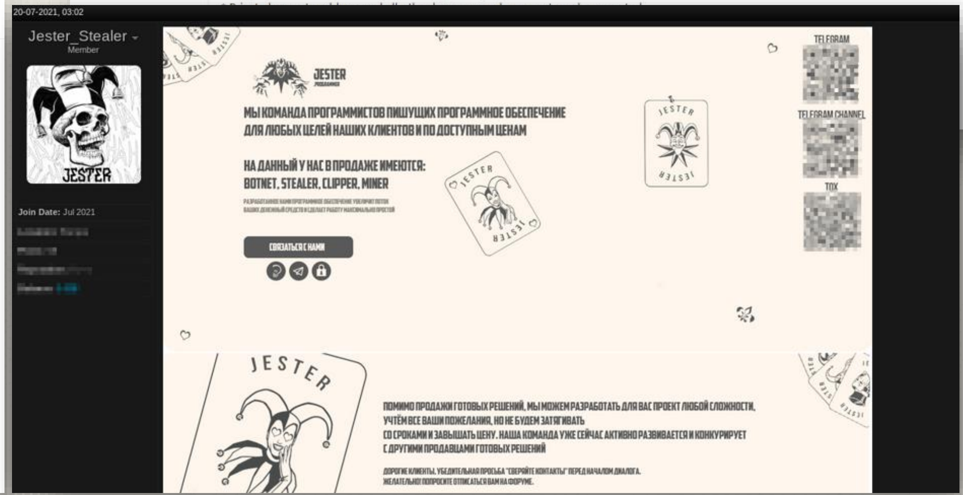
blackteam007
(L1) cache
Пользователь

Регистрация:	14.04.2020
Сообщения:	921
Реакции:	159
Гарант сделки:	1
Депозит:	0.0001 ฿

✅Stealer "BlackGuard" ✅
Scantime/Runtime - https://checkzilla.io/scan/d1f23cc6-72a7-4002-8d9f-0450f9826eb7

💥Функционал:
1) Сбор Passwords
2) Cookies
3) Autofill
4) History

5) Wallet:
5.1) AtomicWallet
5.2) BitcoinCore
5.3) DashCore
5.4) Electrum
5.5) Ethereum
5.6) Exodus
5.7) LitecoinCore
5.8) Monero
5.9) Jaxx
5.10) Zcash



20-07-2021, 03:02

Jester_Stealer
Member

Join Date: Jul 2021
[redacted]

МЫ КОМАНДА ПРОГРАММИСТОВ ПИШУЩИХ ПРОГРАММНОЕ ОБЕСПЕЧЕНИЕ ДЛЯ ЛЮБЫХ ЦЕЛЕЙ НАШИХ КЛИЕНТОВ И ПО ДОСТУПНЫМ ЦЕНАМ

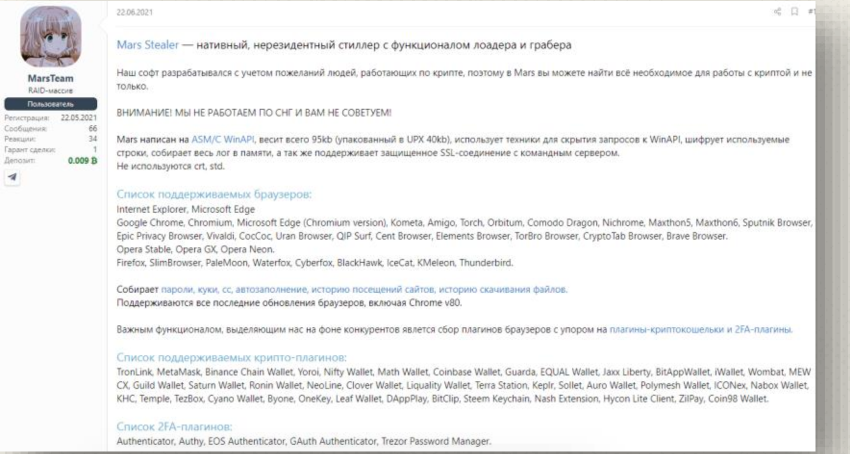
НА ДАННЫЙ У НАС В ПРОДАЖЕ ИМЕЮТСЯ:
BOTNET, STEALER, CLIPPER, MINER

РАЗРАБОТАННОЕ НАМИ ПРОГРАММНОЕ ОБЕСПЕЧЕНИЕ УВЕЛИЧИТ ПОТОК ВАШИХ ДЕНЕЖНЫХ СРЕДСТВ И СДЕЛАЕТ РАБОТУ МАКСИМАЛЬНО ПРОСТОЙ

ПОМИМО ПРОДАЖИ ГОТОВЫХ РЕШЕНИЙ, МЫ МОЖЕМ РАЗРАБОТАТЬ ДЛЯ ВАС ПРОЕКТ ЛЮБОЙ СЛОЖНОСТИ, УЧТЁМ ВСЕ ВАШИ ПОЖЕЛАНИЯ, НО НЕ БУДЕМ ЗАТЯГИВАТЬ
СО СРОКАМИ И ЗАВЫШАТЬ ЦЕНУ. НАША КОМАНДА УЖЕ СЕЙЧАС АКТИВНО РАЗВИВАЕТСЯ И КОНКУРИРУЕТ
С ДРУГИМИ ПРОДАВЦАМИ ГОТОВЫХ РЕШЕНИЙ

ДОРОГИЕ КЛИЕНТЫ, УБЕДИТЕЛЬНАЯ ПРОСЬБА "СВЕРЯЙТЕ КОНТАКТЫ" ПЕРЕД НАЧАЛОМ ДИАЛОГА.
ЖЕЛАТЕЛЬНО! ПОПРОСИТЕ ОТПИСАТЬСЯ ВАМ НА ФОРУМЕ.

Stealers Landscape (Contd.)



MarsTeam
RAID-массив
Пользователь
Регистрация: 22.05.2021
Сообщения: 66
Реакции: 34
Гарант сделки: 1
Депозит: 0.009 Ƀ

22.06.2021

Mars Stealer — нативный, нерезидентный стиллер с функционалом лоадера и грабера

Наш софт разрабатывался с учетом пожеланий людей, работающих по крипте, поэтому в Mars вы можете найти всё необходимое для работы с криптой и не только.

ВНИМАНИЕ! МЫ НЕ РАБОТАЕМ ПО СНГ И ВАМ НЕ СОВЕТУЕМ!

Mars написан на ASM/C WinAPI, весит всего 95kb (упакованный в UPX 40kb), использует техники для скрытия запросов к WinAPI, шифрует используемые строки, собирает весь лог в памяти, а так же поддерживает защищенное SSL-соединение с командным сервером.
Не используются crt, std.

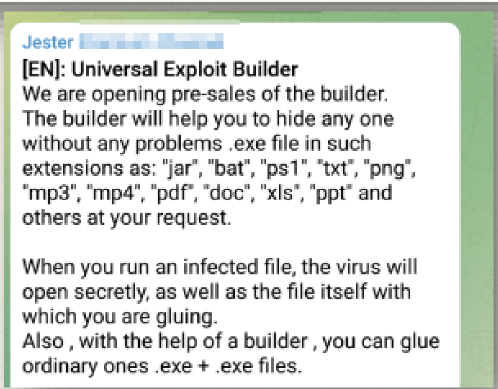
Список поддерживаемых браузеров:
Internet Explorer, Microsoft Edge
Google Chrome, Chromium, Microsoft Edge (Chromium version), Kometa, Amigo, Torch, Orbitum, Comodo Dragon, Nichrome, Maxthon5, Maxthon6, Sputnik Browser, Epic Privacy Browser, Vivaldi, CocCoc, Uran Browser, QIP Surf, Cent Browser, Elements Browser, TorBro Browser, CryptoTab Browser, Brave Browser.
Opera Stable, Opera GX, Opera Neon.
Firefox, SlimBrowser, PaleMoon, Waterfox, Cyberfox, BlackHawk, IceCat, KMeleon, Thunderbird.

Собирает пароли, куки, cc, автозаполнение, историю посещений сайтов, историю скачивания файлов.
Поддерживаются все последние обновления браузеров, включая Chrome v80.

Важным функционалом, выделяющим нас на фоне конкурентов является сбор плагинов браузеров с упором на плагины-криптокошельки и 2FA-плагины.

Список поддерживаемых крипто-плагинов:
TronLink, MetaMask, Binance Chain Wallet, Yoroi, Nifty Wallet, Math Wallet, Coinbase Wallet, Guarda, EQUAL Wallet, Jaxx Liberty, BitAppWallet, iWallet, Wombat, MEW CX, Guild Wallet, Saturn Wallet, Ronin Wallet, NeoLine, Clover Wallet, Liquality Wallet, Terra Station, Keplr, Sollet, Auro Wallet, Polymesh Wallet, ICONex, Nabox Wallet, KHC, Temple, TezBox, Cyano Wallet, Byone, OneKey, Leaf Wallet, DAppPlay, BitClip, Steem Keychain, Nash Extension, Hycon Lite Client, ZilPay, Coin98 Wallet.

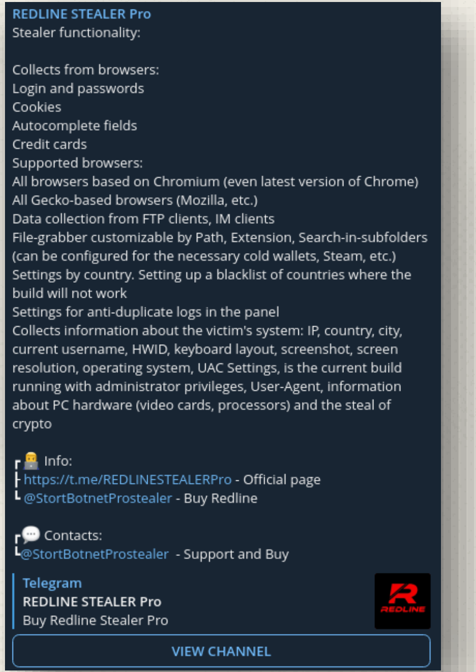
Список 2FA-плагинов:
Authenticator, Authy, EOS Authenticator, GAuth Authenticator, Trezor Password Manager.



Jester [redacted]

[EN]: Universal Exploit Builder
We are opening pre-sales of the builder.
The builder will help you to hide any one without any problems .exe file in such extensions as: "jar", "bat", "ps1", "txt", "png", "mp3", "mp4", "pdf", "doc", "xls", "ppt" and others at your request.

When you run an infected file, the virus will open secretly, as well as the file itself with which you are gluing.
Also , with the help of a builder , you can glue ordinary ones .exe + .exe files.



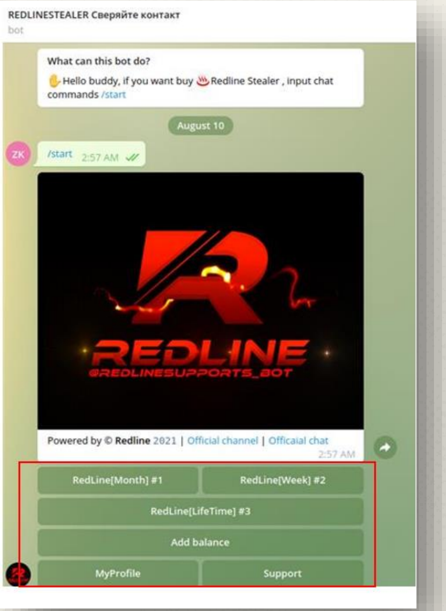
REDLINE STEALER Pro
Stealer functionality:

Collects from browsers:
Login and passwords
Cookies
Autocomplete fields
Credit cards
Supported browsers:
All browsers based on Chromium (even latest version of Chrome)
All Gecko-based browsers (Mozilla, etc.)
Data collection from FTP clients, IM clients
File-grabber customizable by Path, Extension, Search-in-subfolders (can be configured for the necessary cold wallets, Steam, etc.)
Settings by country. Setting up a blacklist of countries where the build will not work
Settings for anti-duplicate logs in the panel
Collects information about the victim's system: IP, country, city, current username, HWID, keyboard layout, screenshot, screen resolution, operating system, UAC Settings, is the current build running with administrator privileges, User-Agent, information about PC hardware (video cards, processors) and the steal of crypto

┏👷 Info:
┣ https://t.me/REDLINESTEALERPro - Official page
┗ @StortBotnetProstealer - Buy Redline

┏💬 Contacts:
┗@StortBotnetProstealer - Support and Buy

Telegram
REDLINE STEALER Pro
Buy Redline Stealer Pro



REDLINESTEALER Сверяйте контакт
bot

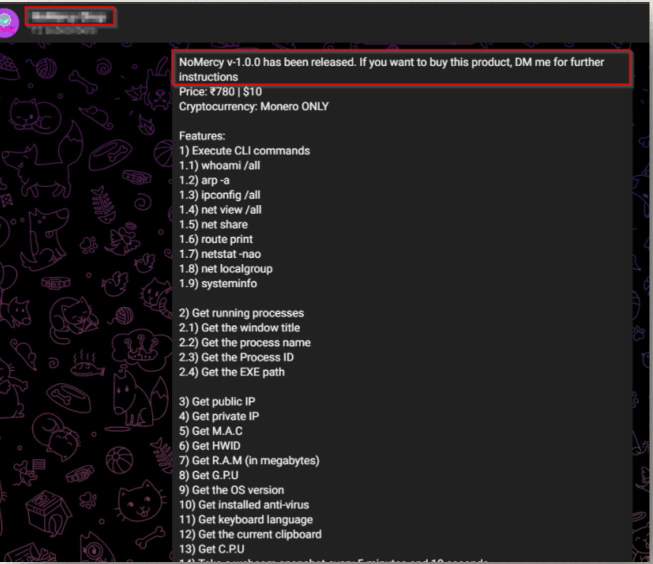
What can this bot do?
✋Hello buddy, if you want buy ♨Redline Stealer , input chat commands /start

August 10

ZK /start 2:57 AM

Powered by © Redline 2021 | Official channel | Officaial chat
2:57 AM

New/Private Stealers on the Market



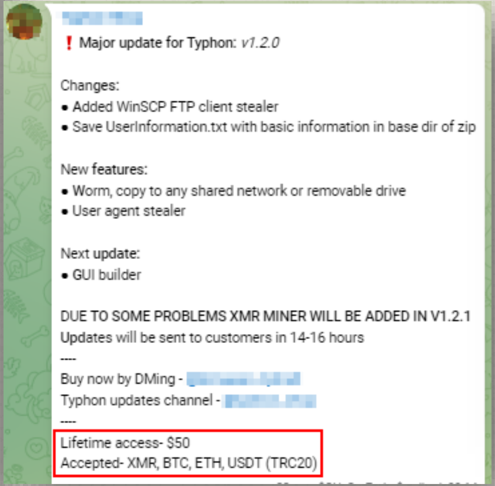
[redacted]

NoMercy v-1.0.0 has been released. If you want to buy this product, DM me for further instructions
Price: ₹780 | $10
Cryptocurrency: Monero ONLY

Features:
1) Execute CLI commands
1.1) whoami /all
1.2) arp -a
1.3) ipconfig /all
1.4) net view /all
1.5) net share
1.6) route print
1.7) netstat -nao
1.8) net localgroup
1.9) systeminfo

2) Get running processes
2.1) Get the window title
2.2) Get the process name
2.3) Get the Process ID
2.4) Get the EXE path

3) Get public IP
4) Get private IP
5) Get M.A.C
6) Get HWID
7) Get R.A.M (in megabytes)
8) Get G.P.U
9) Get the OS version
10) Get installed anti-virus
11) Get keyboard language
12) Get the current clipboard
13) Get C.P.U
14) Take a webcam snapshot every 5 minutes and 10 seconds



[redacted]

❗ Major update for Typhon: *v1.2.0*

Changes:
- Added WinSCP FTP client stealer
- Save UserInformation.txt with basic information in base dir of zip

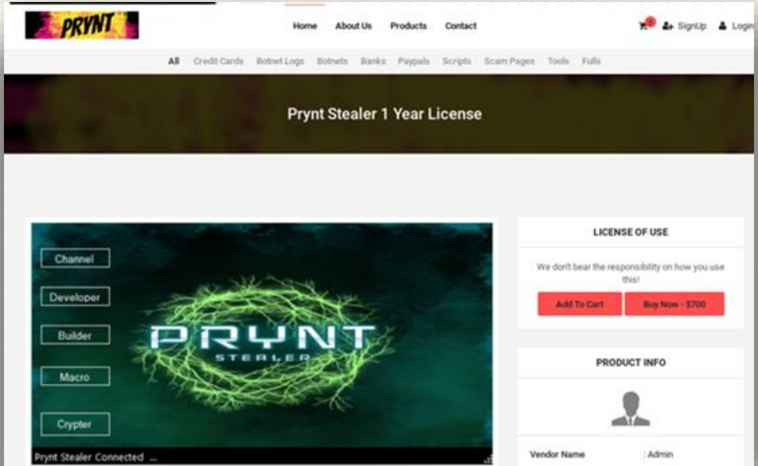
New features:
- Worm, copy to any shared network or removable drive
- User agent stealer

Next update:
- GUI builder

DUE TO SOME PROBLEMS XMR MINER WILL BE ADDED IN V1.2.1
Updates will be sent to customers in 14-16 hours

Buy now by DMing - [redacted]
Typhon updates channel - [redacted]

Lifetime access- $50
Accepted- XMR, BTC, ETH, USDT (TRC20)



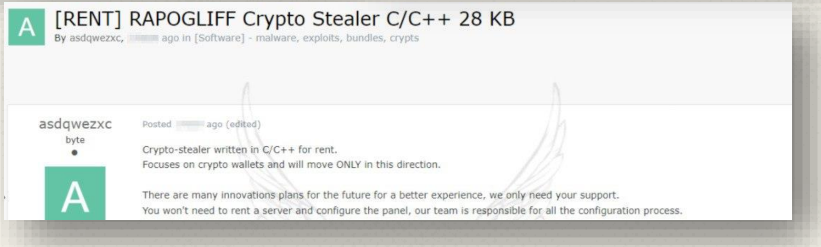
Pryny Stealer 1 Year License

LICENSE OF USE

We don't bear the responsibility on how you use this!

PRODUCT INFO

Vendor Name : Admin



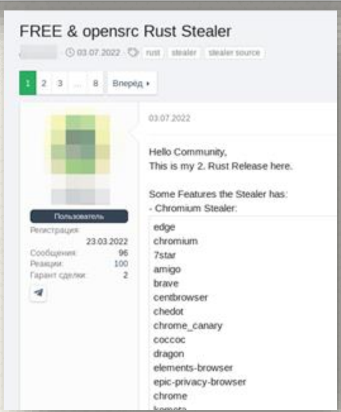
[RENT] RAPOGLIFF Crypto Stealer C/C++ 28 KB
By asdqwezxc, [redacted] ago in [Software] - malware, exploits, bundles, crypts

asdqwezxc
byte

Posted [redacted] ago (edited)

Crypto-stealer written in C/C++ for rent.
Focuses on crypto wallets and will move ONLY in this direction.

There are many innovations plans for the future for a better experience, we only need your support.
You won't need to rent a server and configure the panel, our team is responsible for all the configuration process.



FREE & opensrc Rust Stealer
[redacted] 03.07.2022 rust stealer stealer source

[redacted]
Пользователь
Регистрация: 23.03.2022
Сообщения: 96
Реакции: 100
Гарант сделки: 2

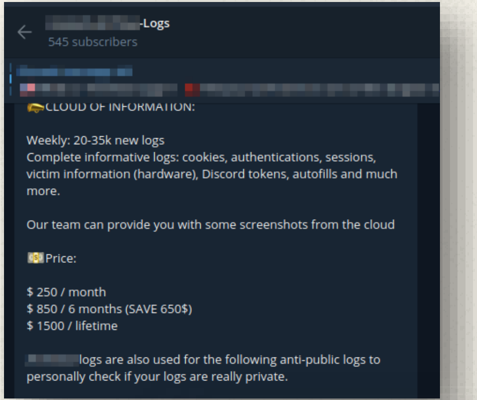
03.07.2022

Hello Community,
This is my 2. Rust Release here.

Some Features the Stealer has:
- Chromium Stealer:

```
edge
chromium
7star
amigo
brave
centbrowser
chedot
chrome_canary
coccoc
dragon
elements-browser
epic-privacy-browser
chrome
komota
```

Stealer Logs Landscape



[redacted]-Logs
545 subscribers

[redacted]

🤝CLOUD OF INFORMATION:

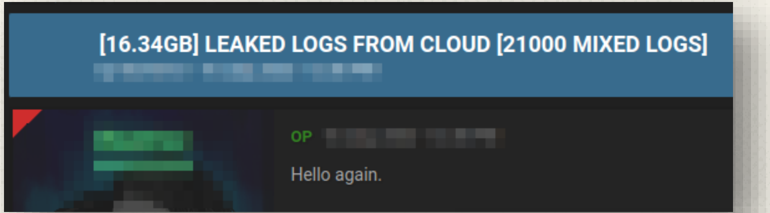
Weekly: 20-35k new logs
Complete informative logs: cookies, authentications, sessions, victim information (hardware), Discord tokens, autofills and much more.

Our team can provide you with some screenshots from the cloud

💵Price:

$ 250 / month
$ 850 / 6 months (SAVE 650$)
$ 1500 / lifetime

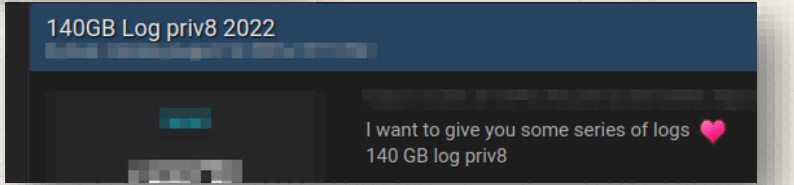
[redacted]logs are also used for the following anti-public logs to personally check if your logs are really private.



[16.34GB] LEAKED LOGS FROM CLOUD [21000 MIXED LOGS]
[redacted]

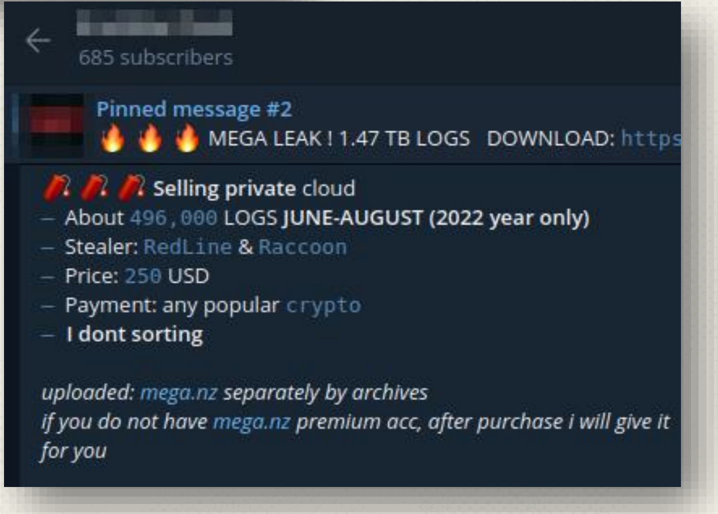
OP [redacted]

Hello again.



140GB Log priv8 2022
[redacted]

I want to give you some series of logs 💗
140 GB log priv8

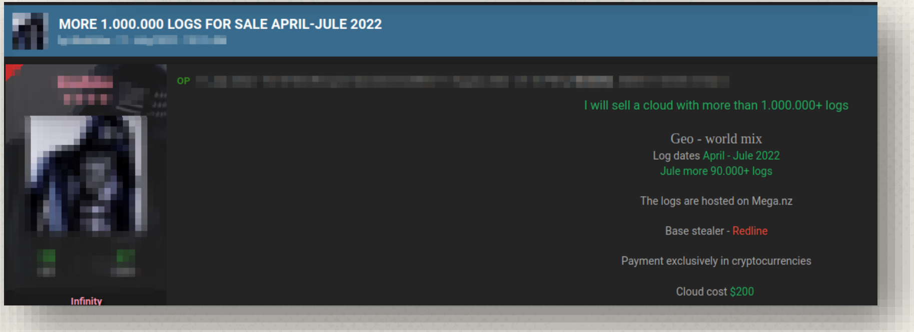


[redacted]
685 subscribers

Pinned message #2
🔥 🔥 🔥 MEGA LEAK ! 1.47 TB LOGS DOWNLOAD: https

🧨 🧨 🧨 Selling private cloud
– About 496,000 LOGS JUNE-AUGUST (2022 year only)
– Stealer: RedLine & Raccoon
– Price: 250 USD
– Payment: any popular crypto
– I dont sorting

uploaded: mega.nz separately by archives
if you do not have mega.nz premium acc, after purchase i will give it for you



MORE 1.000.000 LOGS FOR SALE APRIL-JULE 2022
[redacted]

OP [redacted]

I will sell a cloud with more than 1.000.000+ logs

Geo - world mix
Log dates April - Jule 2022
Jule more 90.000+ logs

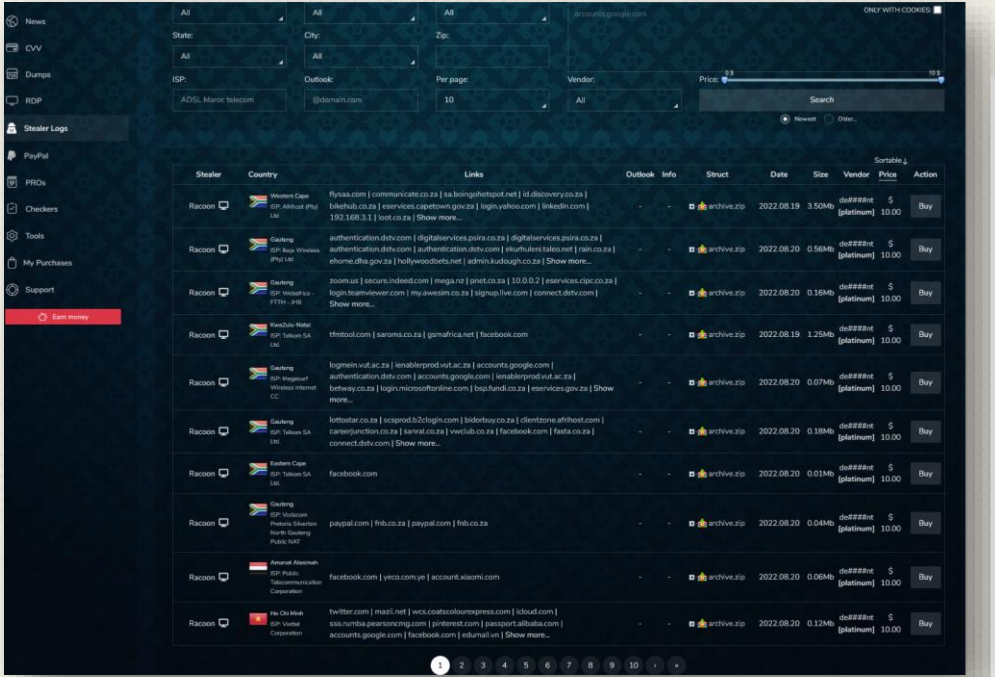
The logs are hosted on Mega.nz

Base stealer - Redline

Payment exclusively in cryptocurrencies

Cloud cost $200

Stealer Logs Landscape (Contd.)



All | All | All | accounts.google.com | ONLY WITH COOKIES: □

State: All | City: All | Zip:

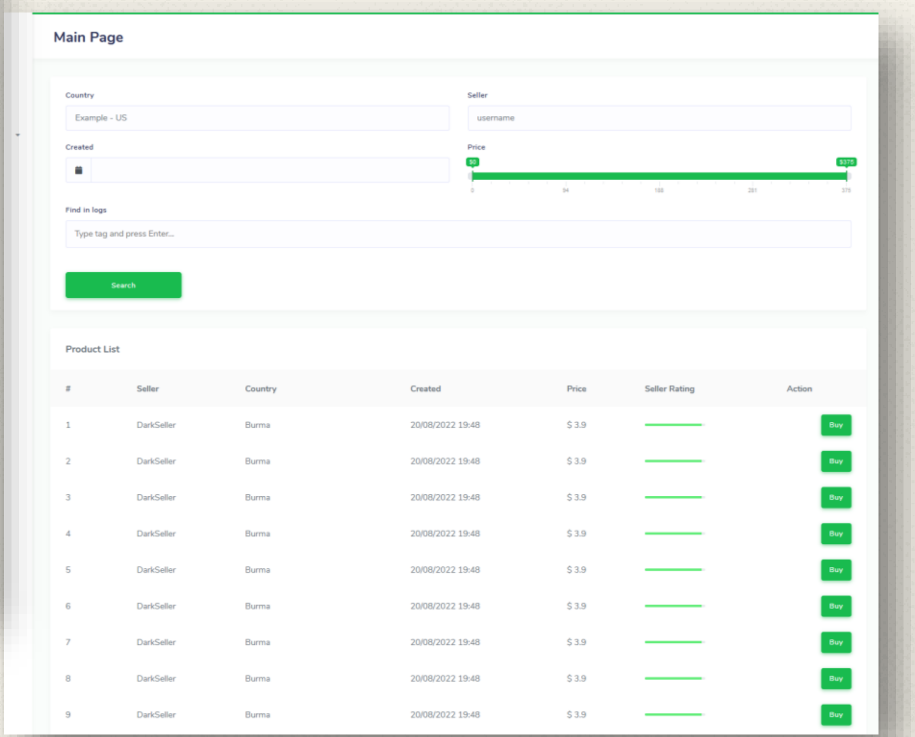
ISP: ADSL Maroc telecom | Outlook: @domain.com | Per page: 10 | Vendor: All | Price: 0 $ – 10 $

Search

● Newest ○ Older...

Sortable ↓

Stealer	Country	Links	Outlook	Info	Struct	Date	Size	Vendor	Price	Action
Racoon	Western Cape ISP: Afrihost (Pty) Ltd	flysaa.com | communicate.co.za | sa.boingohotspot.net | id.discovery.co.za | bikehub.co.za | eservices.capetown.gov.za | login.yahoo.com | linkedin.com | 192.168.3.1 | loot.co.za | Show more...	-	-	archive.zip	2022.08.19	3.50Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	Gauteng ISP: Beja Wireless (Pty) Ltd	authentication.dstv.com | digitalservices.psira.co.za | digitalservices.psira.co.za | authentication.dstv.com | authentication.dstv.com | ekurhuleni.taleo.net | rain.co.za | ehome.dha.gov.za | hollywoodbets.net | admin.kudough.co.za | Show more...	-	-	archive.zip	2022.08.20	0.56Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	Gauteng ISP: Webafrica - FTTH - JHB	zoom.us | secure.indeed.com | mega.nz | pnet.co.za | 10.0.0.2 | eservices.cipc.co.za | login.teamviewer.com | my.awesim.co.za | signup.live.com | connect.dstv.com | Show more...	-	-	archive.zip	2022.08.20	0.16Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	KwaZulu-Natal ISP: Telkom SA Ltd.	tfmtool.com | saroms.co.za | gsmafrica.net | facebook.com	-	-	archive.zip	2022.08.19	1.25Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	Gauteng ISP: Megasurf Wireless Internet CC	logmein.vut.ac.za | ienablerprod.vut.ac.za | accounts.google.com | authentication.dstv.com | accounts.google.com | ienablerprod.vut.ac.za | betway.co.za | login.microsoftonline.com | bsp.fundi.co.za | eservices.gov.za | Show more...	-	-	archive.zip	2022.08.20	0.07Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	Gauteng ISP: Telkom SA Ltd.	lottostar.co.za | scsprod.b2clogin.com | bidorbuy.co.za | clientzone.afrihost.com | careerjunction.co.za | sanral.co.za | vwclub.co.za | facebook.com | fasta.co.za | connect.dstv.com | Show more...	-	-	archive.zip	2022.08.20	0.18Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	Eastern Cape ISP: Telkom SA Ltd.	facebook.com	-	-	archive.zip	2022.08.20	0.01Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	Gauteng ISP: Vodacom Pretoria Silverton North Gauteng Public NAT	paypal.com | fnb.co.za | paypal.com | fnb.co.za	-	-	archive.zip	2022.08.20	0.04Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	Amanat Alasimah ISP: Public Telecommunication Corporation	facebook.com | yeco.com.ye | account.xiaomi.com	-	-	archive.zip	2022.08.20	0.06Mb	de####nt [platinum]	$ 10.00	Buy
Racoon	Ho Chi Minh ISP: Viettel Corporation	twitter.com | mazii.net | wcs.coatscolourexpress.com | icloud.com | sso.rumba.pearsoncmg.com | pinterest.com | passport.alibaba.com | accounts.google.com | facebook.com | edumail.vn | Show more...	-	-	archive.zip	2022.08.20	0.12Mb	de####nt [platinum]	$ 10.00	Buy



Main Page

Country: Example - US

Seller: username

Created:

Price: $0 – $375

Find in logs: Type tag and press Enter...

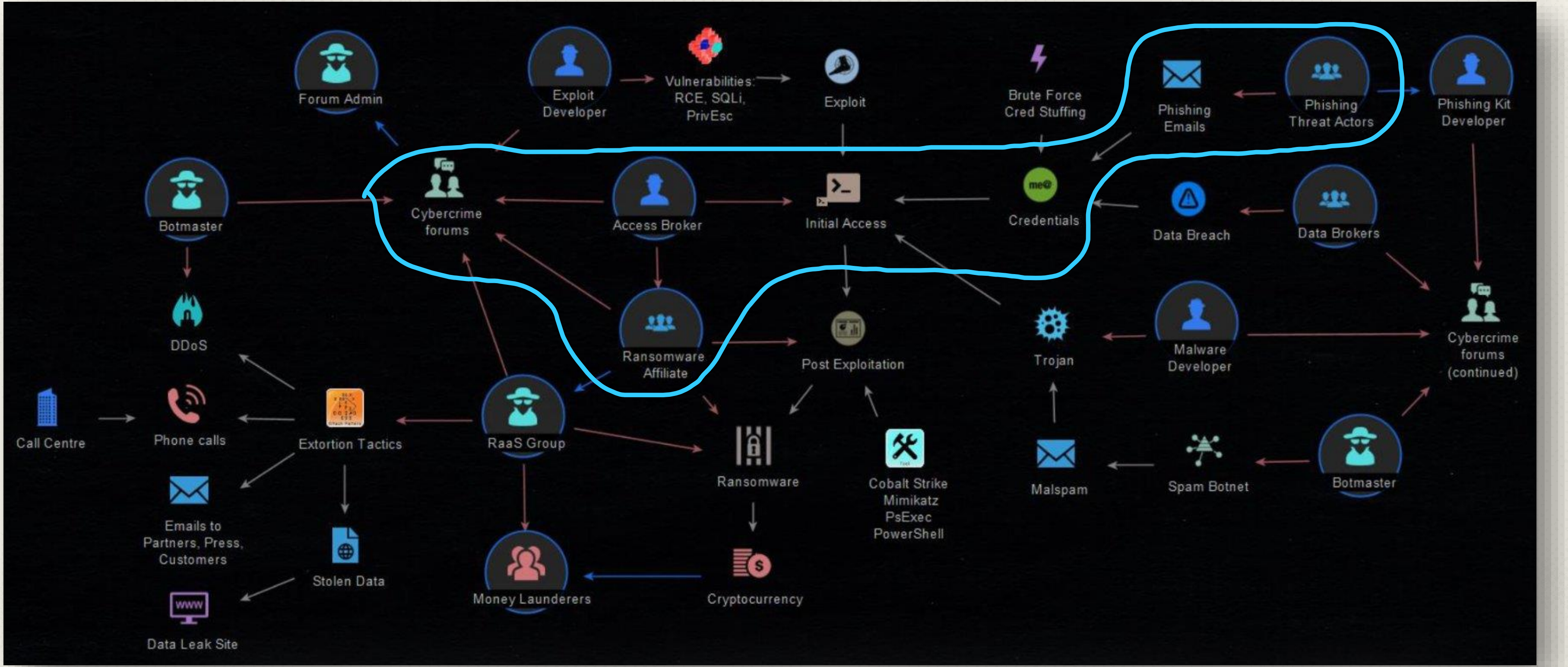
Search

Product List

#	Seller	Country	Created	Price	Seller Rating	Action
1	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy
2	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy
3	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy
4	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy
5	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy
6	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy
7	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy
8	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy
9	DarkSeller	Burma	20/08/2022 19:48	$ 3.9		Buy

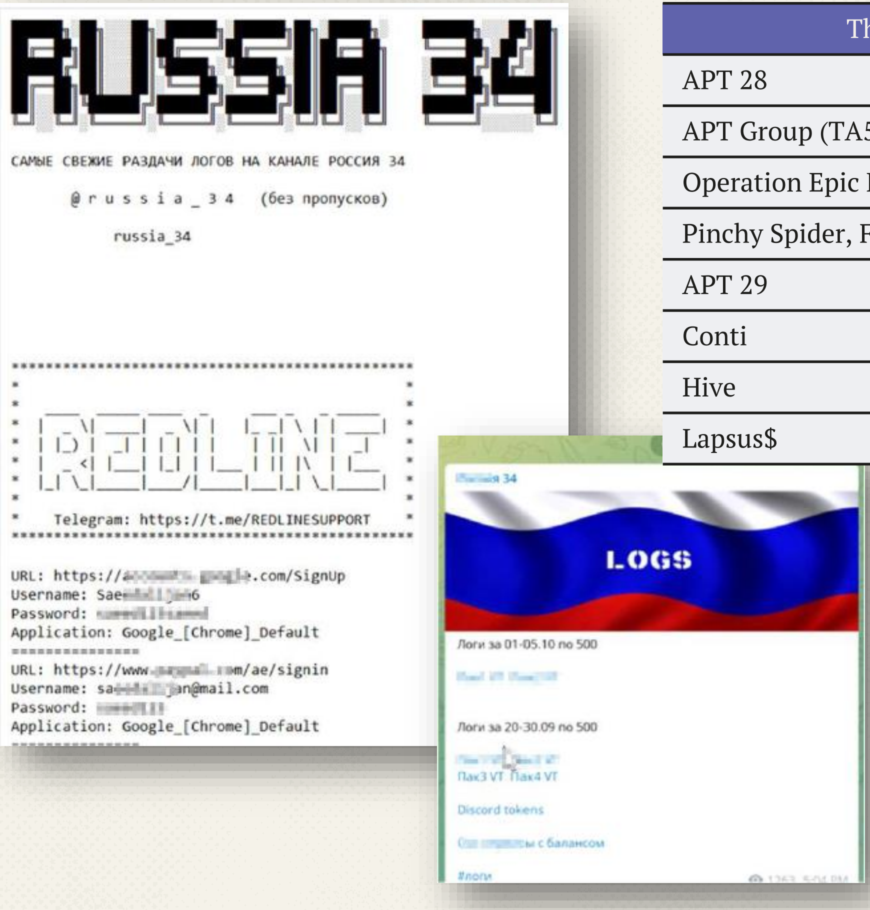
Market Beyond Stealer Logs

How Stealer Logs are Used?



Source: Will (@BushidoToken)

How Stealer Logs are Used? (Contd.)



```
RUSSIA 34

САМЫЕ СВЕЖИЕ РАЗДАЧИ ЛОГОВ НА КАНАЛЕ РОССИЯ 34

      @russia_34   (без пропусков)

          russia_34



*************************************************
*                                               *
*                                               *
*   ____  _____ ____  _     ___ _   _ _____     *
*  |  _ \| ____|  _ \| |   |_ _| \ | | ____|    *
*  | |_) |  _| | | | | |    | ||  \| |  _|      *
*  |  _ <| |___| |_| | |___ | || |\  | |___     *
*  |_| \_\_____|____/|_____|___|_| \_|_____|    *
*                                               *
*    Telegram: https://t.me/REDLINESUPPORT      *
*************************************************

URL: https://a[redacted].com/SignUp
Username: Sae[redacted]6
Password: [redacted]
Application: Google_[Chrome]_Default
===============
URL: https://www.[redacted]m/ae/signin
Username: sa[redacted]an@mail.com
Password: [redacted]
Application: Google_[Chrome]_Default
===============
```

[redacted] 34

Логи за 01-05.10 по 500

[redacted]

Логи за 20-30.09 по 500

[redacted]
Пак3 VT Пак4 VT

Discord tokens

[redacted]ы с балансом

#логи

1263 5:04 PM

Threat Actor Group	Stealer Used
APT 28	CredoMap
APT Group (TA505)	Raccoon
Operation Epic Manchego, FIN 11	AZORult
Pinchy Spider, FIN 11	Vidar
APT 29	CryptBot
Conti	Raccoon, RedLine, CryptBot
Hive	RedLine
Lapsus$	RedLine

Source: Cyble, Microsoft, Kaspersky

Impact

- Gaining initial access to organizations
- Espionage, Data Theft, Extortion
- Ransomware

<Can a infographic be added><For impacting individual/orgs>

Protection for consumers/business

Protection for orgs

- Block URLs that could be used to spread the malware, e.g., Torrent/Warez.
- Monitor any unusual endpoint behavior and network beacons to block data exfiltration by malware.
- Use the IOCs which are present on public platforms to monitor and block malware infection.
- Educate employees in terms of protecting themselves from threats like phishing's/untrusted URLs.

Protection for users

- Avoid downloading pirated software from warez/torrent websites.
- The “Hack Tool” present on sites such as YouTube, torrent sites, etc., mainly contain such malware.
- Use strong passwords and enforce multi-factor authentication wherever possible.
- Refrain from opening untrusted links and email attachments without first verifying their authenticity.

Conclusion

What we discussed so far?

- Stealers and their capabilities
- Structure of stealer logs
- Underground landscape for stealers
- Market of stealer logs
- Usage of stealer logs by TAs
- Protection for users/orgs

Resources

- Cyble - Analysis of Stealer Malware Family
- US CISA Alert (AA22-216A) – 2021 Top Malware Strains
- Microsoft – DEV-0537 (LAPSUS$) Blog
- Kaspersky – Common TTPs of the modern Ransomware Report

<Put something Cyble related>

THANKS!

Any questions?

You can contact me at:

- @ASG_Sc0rpi0n
- /apurvsinghgautam
- apurvsinghgautam.me