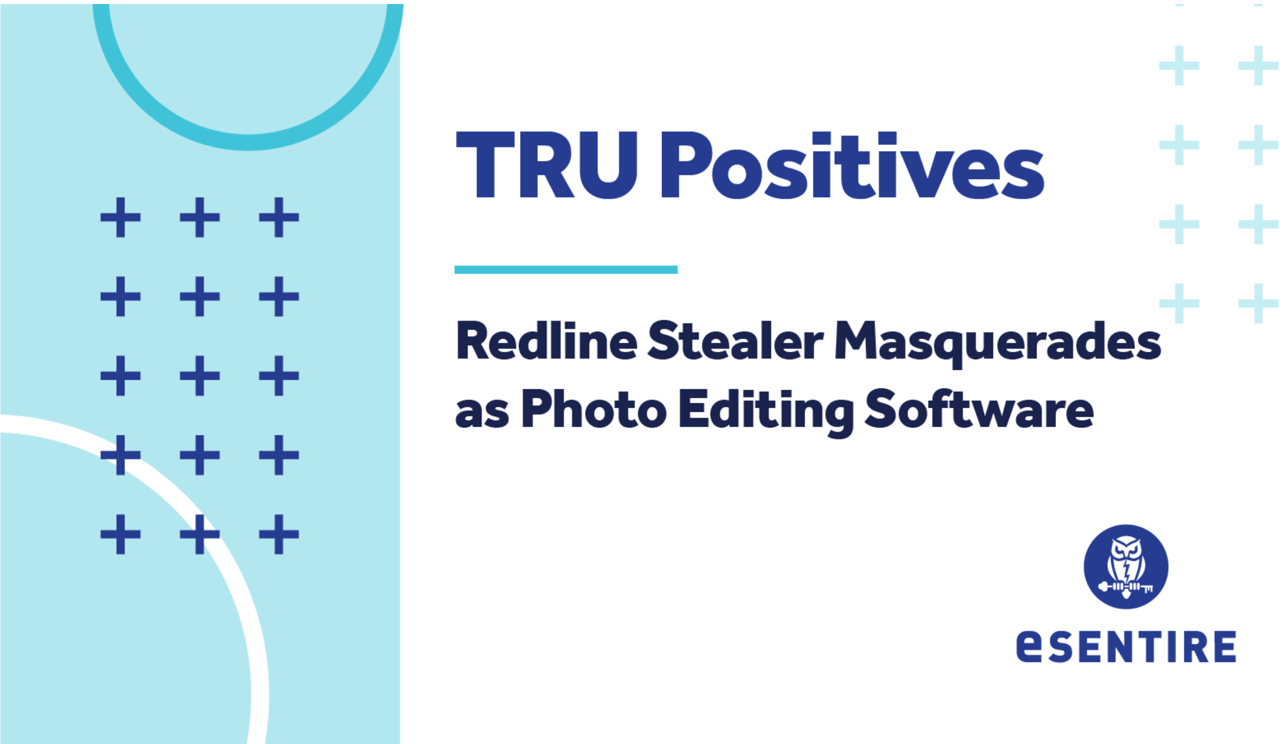
Redline Stealer Masquerades as Photo Editing Software

esentire.com/blog/redline-stealer-masquerades-as-photo-editing-software



Adversaries don’t work 9-5 and neither do we. At eSentire, our 24/7 SOCs are staffed with Elite Threat Hunters and Cyber Analysts who hunt, investigate, contain and respond to threats within minutes.

We have discovered some of the most dangerous threats and nation state attacks in our space – including the Kaseya MSP breach and the more_eggs malware.

Our Security Operations Centers are supported with Threat Intelligence, Tactical Threat Response and Advanced Threat Analytics driven by our Threat Response Unit – the TRU team.

In TRU Positives, eSentire’s Threat Response Unit (TRU) provides a summary of a recent threat investigation. We outline how we responded to the confirmed threat and what recommendations we have going forward.

Here’s the latest from our TRU Team…

What did we find?

- Redline Stealer malware impacting a customer in the software industry.

  The malware was disguised as an installer for a photo editing software and was inadvertently executed by the user.
- When executed, the fake installer communicated with the command-and-control, performed anti-analysis checks and then injected code into the legitimate Windows binary MSBuild.exe using the process hollowing technique. Using the hollowed process, the malware retrieves additional files hosted on the Discord chat service and configures a scheduled task for persistence.

How did we find it?

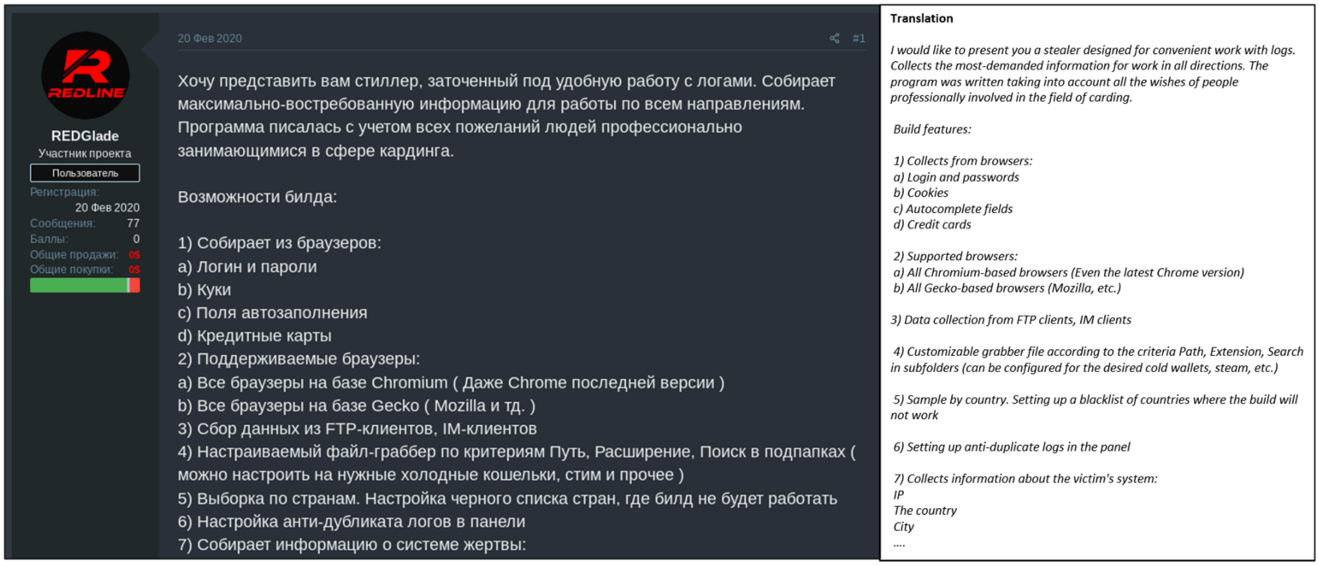
eSentire MDR for Endpoint identified the process-hollowing activity.

What did we do?

- Our 24/7 SOC Cyber Analysts investigated and confirmed the activity was malicious.
- We also provided remediation recommendations and support to the customer.

What can you learn from this TRU positive?

- eSentire has observed an increase in Redline Stealer infections since March 2022.
- Redline Stealer is a general-purpose information stealer capable of collecting credentials and sensitive data from compromised systems.
- It was initially advertised on various hacking forums in early 2020 for $150 and $200 USD for a “lite” and pro version respectively (Figure 1).
- Credentials stolen by information stealing malware can be used to further infiltrate networks or monetized through sale on various underground markets.
  - It’s well-established that extortion groups such as LAPSUS$ use stolen credentials or session cookies purchased from these markets.
  - According to Microsoft, LAPSUS$ has used Redline Stealer directly as part of their initial access phase.



REDGlade
Участник проекта
Пользователь
Регистрация: 20 Фев 2020
Сообщения: 77
Баллы: 0
Общие продажи: 0$
Общие покупки: 0$

20 Фев 2020 #1

Хочу представить вам стиллер, заточенный под удобную работу с логами. Собирает максимально-востребованную информацию для работы по всем направлениям. Программа писалась с учетом всех пожеланий людей профессионально занимающимися в сфере кардинга.

Возможности билда:

1) Собирает из браузеров:
a) Логин и пароли
b) Куки
c) Поля автозаполнения
d) Кредитные карты
2) Поддерживаемые браузеры:
a) Все браузеры на базе Chromium (Даже Chrome последней версии)
b) Все браузеры на базе Gecko (Mozilla и тд.)
3) Сбор данных из FTP-клиентов, IM-клиентов
4) Настраиваемый файл-граббер по критериям Путь, Расширение, Поиск в подпапках (можно настроить на нужные холодные кошельки, стим и прочее)
5) Выборка по странам. Настройка черного списка стран, где билд не будет работать
6) Настройка анти-дубликата логов в панели
7) Собирает информацию о системе жертвы:

Translation

I would like to present you a stealer designed for convenient work with logs. Collects the most-demanded information for work in all directions. 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) Autocomplete fields
d) Credit cards

2) Supported browsers:
a) All Chromium-based browsers (Even the latest Chrome version)
b) All Gecko-based browsers (Mozilla, etc.)

3) Data collection from FTP clients, IM clients

4) Customizable grabber file according to the criteria Path, Extension, Search in subfolders (can be configured for the desired cold wallets, steam, etc.)

5) Sample by country. Setting up a blacklist of countries where the build will not work

6) Setting up anti-duplicate logs in the panel

7) Collects information about the victim's system:
IP
The country
City
....

Figure 1 Early advertisement for Redline Stealer

Recommendations from our Threat Response Unit (TRU) Team:

Protecting against information stealers requires a multi-layered defense approach to defend endpoints from malware and detect or block unauthorized login activity against applications and remote access services. Therefore, we recommend:

- Protect all endpoints against malware.
    - Ensure antivirus signatures are up-to-date.
    - Use a Next-Gen AV (NGAV) or Endpoint Detection and Response (EDR) product to detect and contain threats.
    - In the event information stealing malware is identified, reset user credentials and terminate logon sessions.
- Restrict access to enterprise applications from personal devices outside the scope of security monitoring.
- Ensure adequate logging is in place for remote access services such as VPN and use modern authentication methods which support MFA and conditional access.

Ask Yourself...

- Can you identify Redline Stealer in time to minimize credential compromise?
- Do you have the visibility to identify use of compromised credentials in your organization?

eSentire's Threat Response Unit (TRU) is a world-class team of threat researchers who develop new detections enriched by original threat intelligence and leverage new machine learning models that correlate multi-signal data and automate rapid response to advanced threats.

If you are not currently engaged with an MDR provider, eSentire MDR can help you reclaim the advantage and put your business ahead of disruption.

Learn what it means to have an elite team of Threat Hunters and Researchers that works for you. Connectwith an eSentire Security Specialist.