From python to APT...



Paul Daligault (@Al-oxos)





Telegram C2

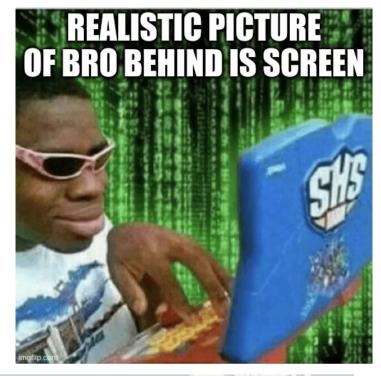
```
[MR.Q - Reset Logs][][2025-05-17 11:11:32+00:00]
Document: media/[TW_220.135.58.114] DESKTOP-SQ6N4TD.zip
IP: 220.135.58.114
Country: w TW - Taiwan
User: JERRY
AntiVirus: Windows Defender, PC-cillin 雲端版
Browser Data: CK:507|PW:199|AF:812|CC:0|TK:0|FB:0|GADS:False
[JND - Pure Notification][Pure RAT | Connected][2025-05-17 11:11:52+00:00]
User Name: korisnik[DESKTOP-BHL5FVU]
Country: BA
  IP Address: 92.36.172.179
[Adonis - Reset Logs][][2025-05-17 11:11:57+00:00]
Document: media/[TW_223.141.57.189] LAPTOP-AREDDVPQ.zip
IP: 223.141.57.189
Country: TW - Taiwan
User: user
Browser Data: CK: 1|PW: 71|AF: 1676|CC: 0|TK: 0|FB: 0
[NTH - Pure Notification][Pure RAT | Connected][2025-05-17 11:11:58+00:00]
User Name: JERRY[DESKTOP-SQ6N4TD]
Country: TW
  IP Address: 220.135.58.114
[Adonis - XWorm Notification][Pure RAT | Connected][2025-05-17 11:12:43+00:00]
User Name: sg66[DESKTOP-TKEGMGV]
Country: HK
  IP Address: 218.253.141.214
[Adonis - XWorm Notification][Pure RAT | Connected][2025-05-17 11:12:45+00:00]
User Name: USUARIO[DESKTOP-3BR9I90]
Country: ES
  IP Address: 185.70.155.1
[JND - Pure Notification][Pure RAT | Connected][2025-05-17 11:13:36+00:00]
User Name: Uporabnik[DESKTOP-5B03UGC]
Country: SI
  IP Address: 77.38.116.223
```

Multiple malwares distributed:

- Custom python stealers
- RATs (XWorm, Pure RAT)
 - Some other stealer

Found about 10 Telegram channels with various names and objectives (logs, data stealing, ping...)

```
Nb new victims....:
                              348
                               97 'Adonis'
                               66 'JND'
                               27 'MR.Q'
                               79 'log' (stealer Python 1)
                               79 'logs' (stealer Python 2)
Nb zip data stolen....:
                            6 289
                                1 600 994 CK (ie cookies)
                                  250 799 PW (ie Passwords)
                                5 877 452 AF (ie Autofills
                                      444 CC (ie Credit Cards)
                                      372 TK (ie tokens)
                                      282 FB (ie Facebook)
Nb uniques IP..... : 2721
Nb bots..... : 2721
                               905 bots 'Adonis'
                               643 bots 'JND'
                                77 bots 'MR V'
                               136 bots 'MR.0'
                               109 bots 'NTH'
                                 5 bots 'STC'
                               542 bots 'Stealer1'
                                74 bots 'Stealer2'
                                84 bots 'Unknown1'
                               438 bots 'Unknown2'
```

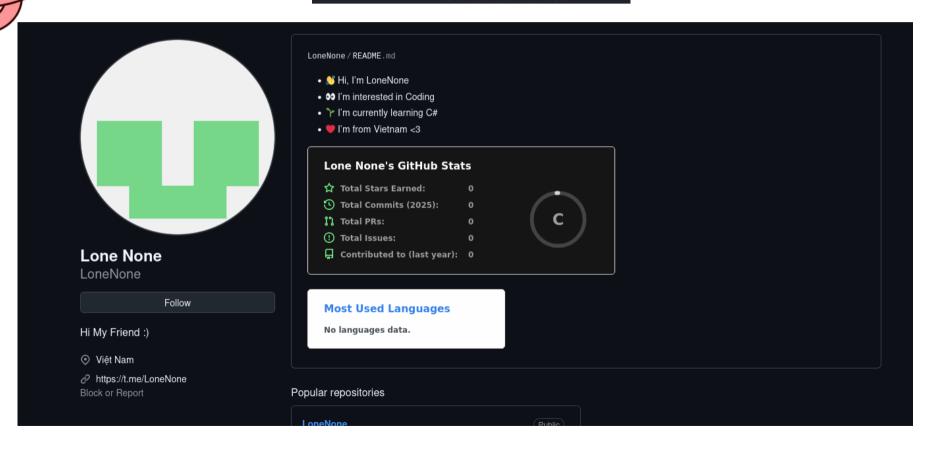






Looking it up

Contact: https://t.me/LoneNone



Digging deeper

content:"t.me/LoneNone"	
	d13ffcf86a61e978b672ec23eee9e3c4b01beb7c22c1a40a46c4d10e198fb8c7
	f86ec89f868a7860ad7d012c8b1817ad1b79ac92860162e68615486a9de2c0e7
	eeea6d06baecdb2153597146ffefc3951c7df513f4351a546fd9a1d0493fe5bc
	e49bd69e5526f8b1d019cab62807cf37e8322adff917e81ea432a6c648ba4e39
	b2a289b1ef3a6574beb6f18a54443518ebaa08ecleaff6bded67423169f03810 □ �� �️ ② malware2.pyc pyc

Everytime the same error...

```
[i] ID: 7720060780
[i] Name: bot vr
[i] Username: @botvr221_bot - https://t.me/botvr221_bot
[i] Dumping history from 200 to 0...
[i] MessageService
[m.chat_id][][2024-12-25 14:01:50+00:00]
MessageService : ???
[m.chat_id][][2024-12-26 13:52:30+00:00]
Document: media/[VN_116.96.93.73] TEAMOS.zip
IP: 116.96.93.73
Country: VN - Vietnam
User: PC
Browser Data: CK: 793|PW: 846|AF: 3808|CC: 0
[m.chat_id][][2024-12-28 08:31:06+00:00]
Document: media/[SG_13.250.104.250] EC2AMAZ-K1D4RMT.zip
🏹 Time: 28/12/2024 (03:31:02 PM)
XIP: 13.250.104.250
🔵 Country: SG – Singapore
User: Administrator
===Browser Data===
 😚 Cookie: 65
  Passwords: 0
   AutoFill: 0
   Location: https://www.google.com/maps?q=1.2897,103.8501
```



Test
malware on a
VM without
sensible infos

Test it on his main computer to be sure its working

What have we got

```
∨ AutoFills

    □ Chrome_Default.txt

    □ Chrome_Profile 1.txt

≡ Edge_Default.txt

Cookies Browser

    □ Chrome Default.txt

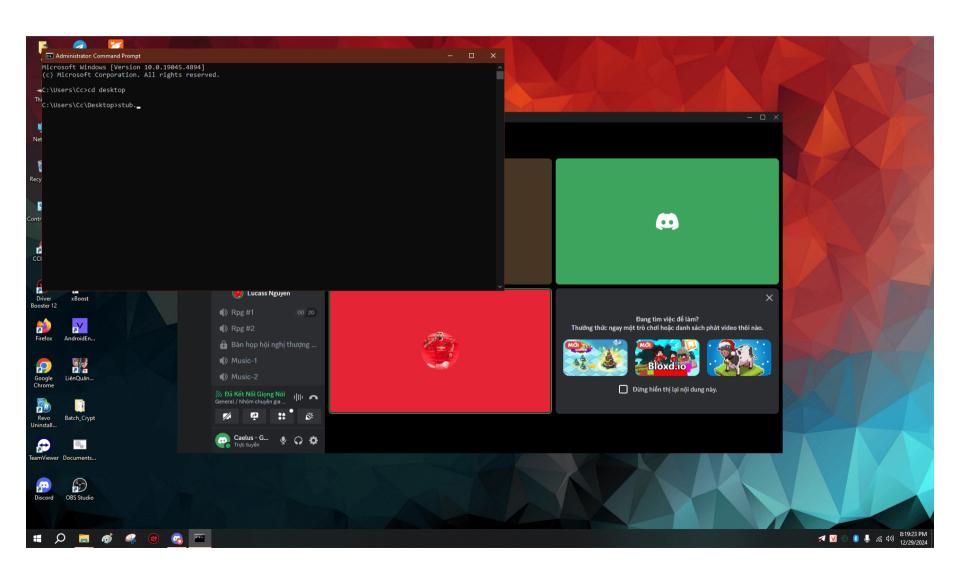
■ All Passwords.txt

    Important_Logins.txt
```

URL: https:// Username: tien2001 Password: tien0398085063 Application: Chrome [Profile: Default]	php
URL: https: Username: Lovemylu01 Password: Shopcd@01 Application: Chrome [Profile: Default]	
URL:Username: mailclone2500@gmail.com Password: tIEN2001 Application: Chrome [Profile: Default]	
URL:	J
Username: tiendz2221@gmail.com Password: <mark>Tien2001</mark> @ Application: Chrome [Profile: Default]	
URL: L	
URL: 1 Username: tien2210 Password: tien2001 Application: Chrome [Profile: Default]	

Everytime the same error... (#2)

```
[m.chat_id][][2024-12-29 13:20:08+00:00]
Document: media/Blank-Cc.zip
Blank Grabber got a new victim: Cc
IP Info
IP: 116.96.93.73
Region: Hanoi
Country: Vietnam
Timezone: Asia/Bangkok
Cellular Network:
Proxy/VPN:
System Info
Computer Name: DESKTOP-VNOR20D
Computer OS: Microsoft Windows 10 Enterprise
Total Memory: 17 GB
UUID: 03000200-0400-0500-0006-000700080009
CPU: Intel64 Family 6 Model 60 Stepping 3, GenuineIntel
GPU: Radeon (TM) RX 470 Graphics
Product Key: 2FNJP-6VTR4-P493H-WK8DM-MY48M
```



- > Common Files
- Directories
 - Desktop.txt
 - Documents.txt
 - Downloads.txt
 - Music.txt
 - Pictures.txt
- > Messenger
- ✓ System

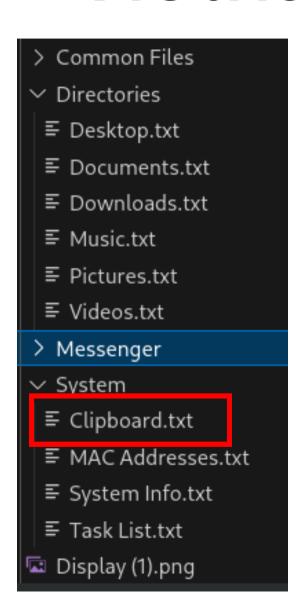
 - MAC Addresses.txt
- 🖾 Display (1).png

Documents

bot.txt l?nh.txt run.exe

No subfolders exist

```
ImportantKeywords = ['paypal', 'perfectmoney', 'etsy', 'facebook', 'ebay', 'coin', 'binance
LocalAppData = os.getenv("LOCALAPPDATA")
AppData = os.getenv("APPDATA")
TMP = os.getenv("TEMP")
USR = TMP.split("\\AppData")[0]
PathBrowser = f"{TMP}\\Browsers Data"
TOKEN BOT = "7929370892:AAGwrX5TeyxQidZdAEm Z6-CDvPU0QzVY1M"
CHAT ID NEW = "-4538387273"
CHAT ID RESET = "-4538387273"
process names = [
    "ArmoryQt.exe", "Atomic Wallet.exe", "bytecoin-gui.exe", "Coinomi.exe", "Element.exe",
    "Exodus.exe", "Guarda.exe", "KeePassXC.exe", "NordVPN.exe", "OpenVPNConnect.exe",
    "seamonkey.exe", "Signal.exe", "filezilla.exe", "filezilla-server-qui.exe",
    "keepassxc-proxy.exe", "nordvpn-service.exe", "steam.exe", "walletd.exe",
    "waterfox.exe", "Discord.exe", "DiscordCanary.exe", "burp.exe", "Ethereal.exe",
    "EtherApe.exe", "fiddler.exe", "HTTPDebuggerSvc.exe", "HTTPDebuggerUI.exe",
    "snpa.exe", "solarwinds.exe", "tcpdump.exe", "telerik.exe", "wireshark.exe",
    "winpcap.exe", "telegram.exe", "chrome.exe"
```





```
class Settings:
    C2 = (1, base64.b64decode('NzcyMDA2MDc4MDpBQUdNZEVabXZFNkVHelJuTkwxZUVmbEpTYkZLTDNBYXFUdyQtNDcwNTk3Nzk3Ng==').decode())
    Mutex = base64.b64decode('WG9GRXRydnlWa3VZUlQ3VQ==').decode()
    PingMe = bool('')
    Vmprotect = bool('true')
    Startup = bool('')
    Melt = bool('true')
    UacBypass = bool('')
    ArchivePassword = base64.b64decode('M0==').decode()
    HideConsole = bool('true')
    Debug = bool('')
    RunBoundOnStartup = bool('')
    CaptureWebcam = bool('')
    CapturePasswords = bool('')
    CaptureCookies = bool('')
    CaptureAutofills = bool('')
    CaptureHistory = bool('')
    CaptureDiscordTokens = bool('true')
    CaptureGames = bool('')
```



Thank you for you attention!

Sorry Eric, we had to hack the lightning talks!

Oh and also, no its not an APT, our friend still have some things to learn :D