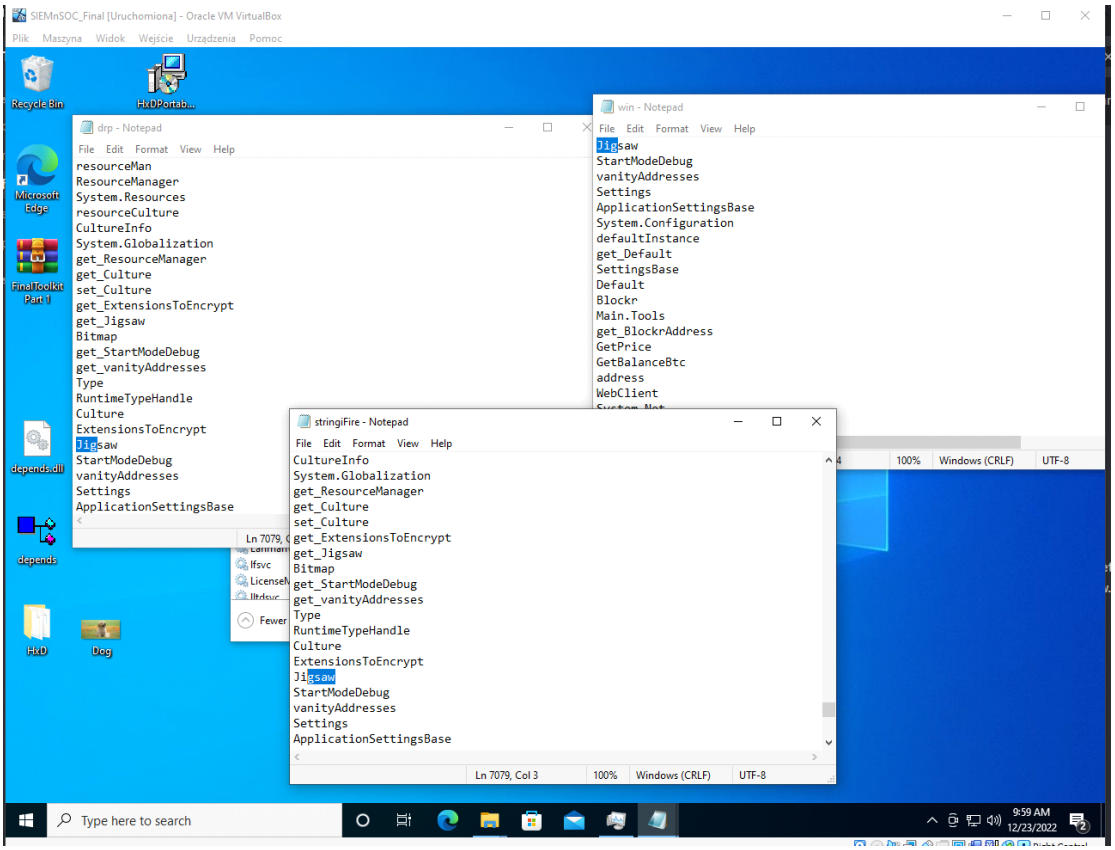
Zadanie - SIEM & SOC - Final Project

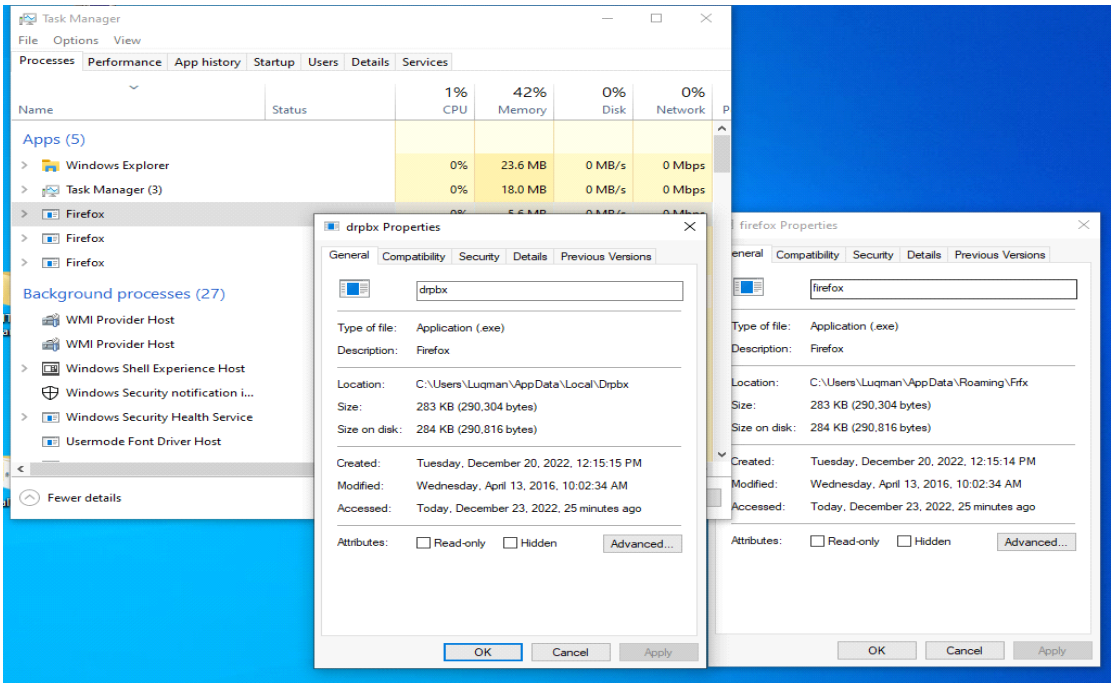
The malicious processes that I found are:

firefox.exe - This app is not installed in the system
drpbx.exe - Does not exist in destinated for him folder
WindowsUpdate.exe - Ment to be pre-installed in the system, not in Documents.

I used strings to prove they are malicious:

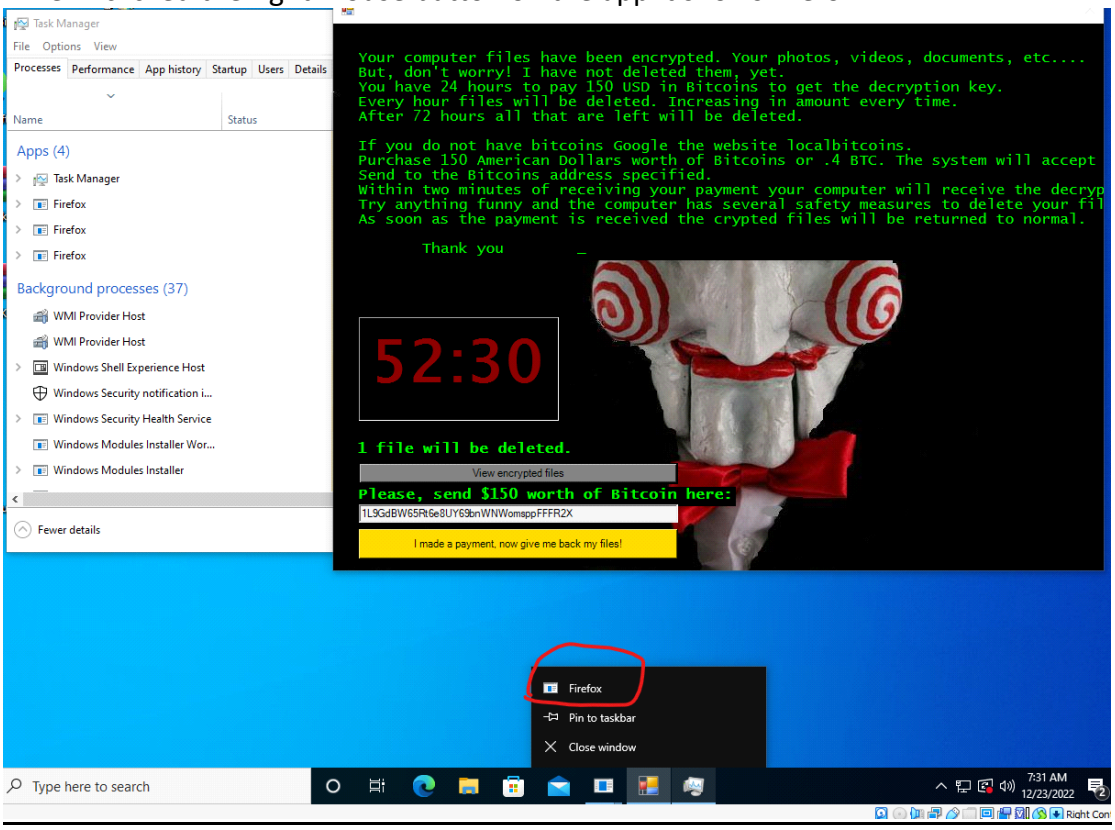


Directory of infected process:



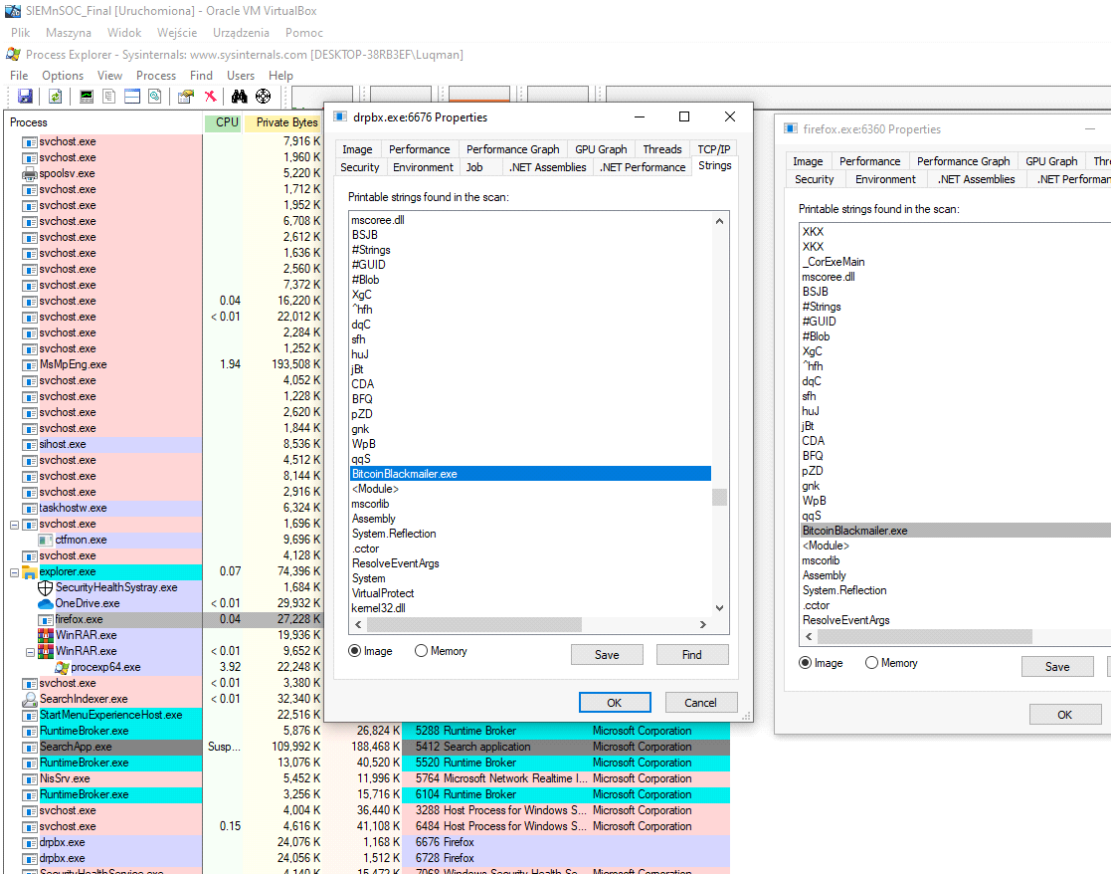
This proves why malicious process and welcome screen are the same :

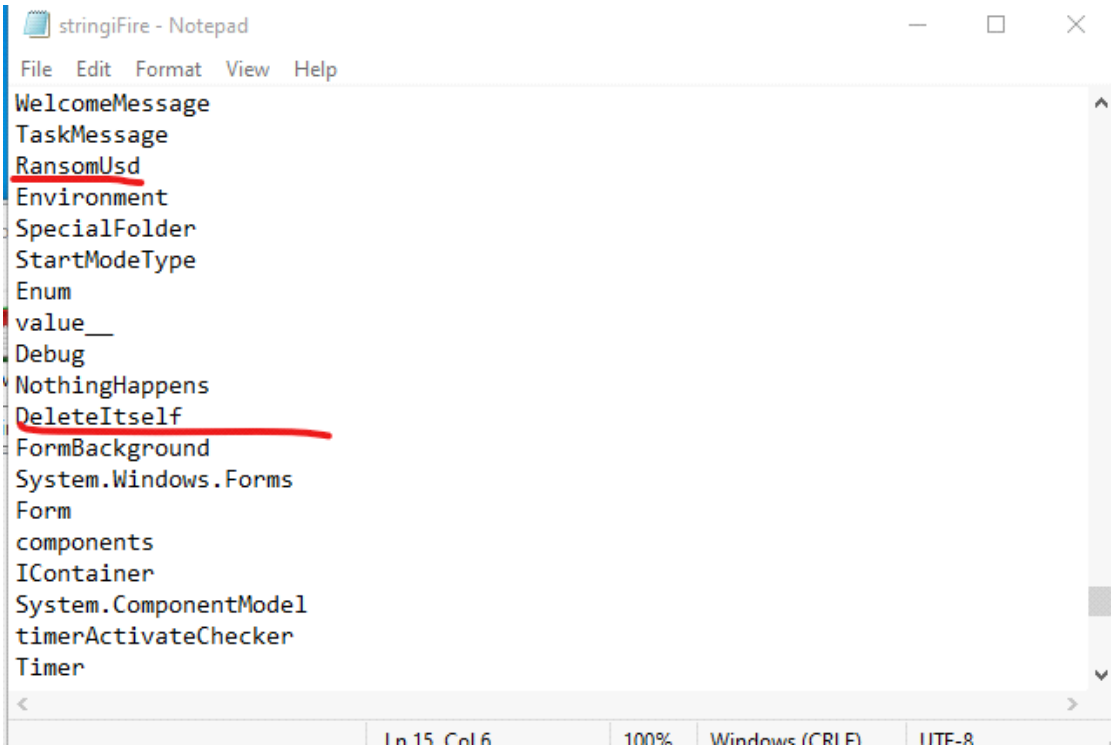
When I clicked the right mouse button on the app it shows firefox

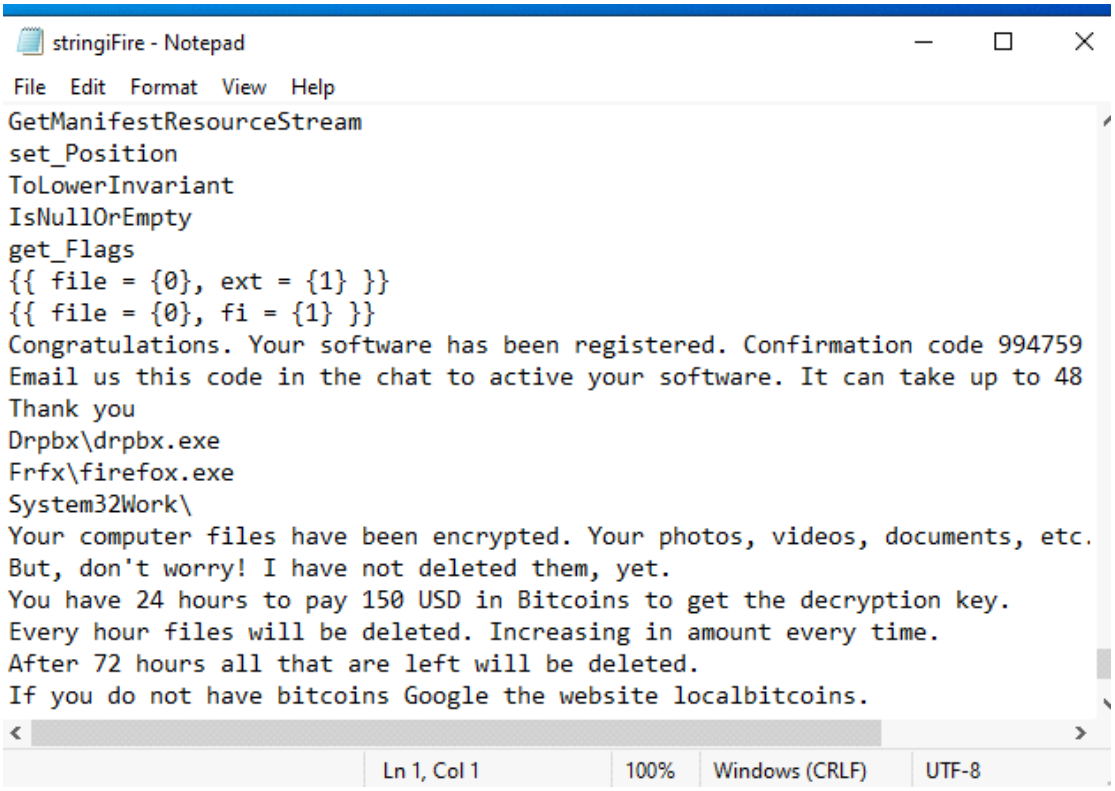


So the infected files are as showned before:
firefox.exe
drpbx.exe
WindowsUpdate.exe

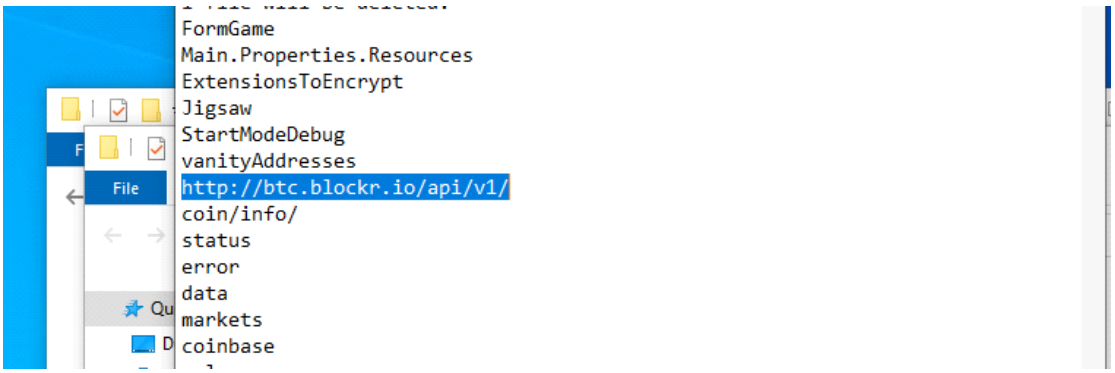
Strings indicated that this is malware:







I found associoted website in strings of firefox.exe which is:



This site was associated with cryptocurrencies, now it's down, and that's why I wasn't able to check the IP. It's probably been used for scams and extorting money, and what surprised me also, there were no HTTPS implementations in it.

I terminated all processes, started Windows Defender, and run the update, which should work as a security measure, because Jigsaw is quite popular and doesn't work throughout internet and doesn't spread throu files

PART II

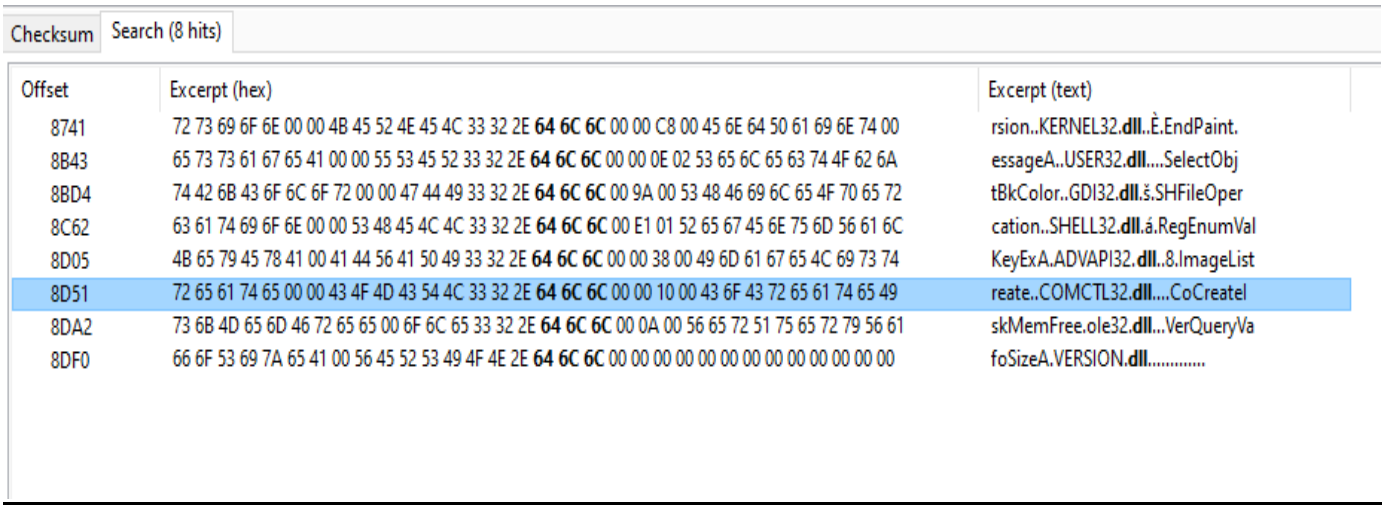
I've used magic bytes HxD to investigate te picture and it shows couple of interesting things like it uses .dll's on the system, and:

```
Decoded text

ExA.Ë.RegCloseKey.Ø.RegD
eleteValueA.Ô.RegDeleteK
eyA.ì.RegOpenKeyExA.ADVA
PI32.dll..8.ImageList_De
stroy.4.ImageList_AddMas
ked.7.ImageList_Create..
COMCTL32.dll....CoCreate
Instance....OleUninitial
ize.î.OleInitialize.e.Co
TaskMemFree.ole32.dll...
VerQueryValueA....GetFil
eVersionInfoA...GetFileV
ersionInfoSizeA.VERSION.
dll.....................
```

which makes me think it is NOT only a picture.

I found 8 DLL's that this program uses



Checksum | Search (8 hits)

Offset	Excerpt (hex)	Excerpt (text)
8741	72 73 69 6F 6E 00 00 4B 45 52 4E 45 4C 33 32 2E **64 6C 6C** 00 00 C8 00 45 6E 64 50 61 69 6E 74 00	rsion..KERNEL32.**dll**..È.EndPaint.
8B43	65 73 73 61 67 65 41 00 00 55 53 45 52 33 32 2E **64 6C 6C** 00 00 0E 02 53 65 6C 65 63 74 4F 62 6A	essageA..USER32.**dll**....SelectObj
8BD4	74 42 6B 43 6F 6C 6F 72 00 00 47 44 49 33 32 2E **64 6C 6C** 00 9A 00 53 48 46 69 6C 65 4F 70 65 72	tBkColor..GDI32.**dll**.š.SHFileOper
8C62	63 61 74 69 6F 6E 00 00 53 48 45 4C 4C 33 32 2E **64 6C 6C** 00 E1 01 52 65 67 45 6E 75 6D 56 61 6C	cation..SHELL32.**dll**.á.RegEnumVal
8D05	4B 65 79 45 78 41 00 41 44 56 41 50 49 33 32 2E **64 6C 6C** 00 00 38 00 49 6D 61 67 65 4C 69 73 74	KeyExA.ADVAPI32.**dll**..8.ImageList
8D51	72 65 61 74 65 00 00 43 4F 4D 43 54 4C 33 32 2E **64 6C 6C** 00 00 10 00 43 6F 43 72 65 61 74 65 49	reate..COMCTL32.**dll**....CoCreatel
8DA2	73 6B 4D 65 6D 46 72 65 65 00 6F 6C 65 33 32 2E **64 6C 6C** 00 0A 00 56 65 72 51 75 65 72 79 56 61	skMemFree.ole32.**dll**...VerQueryVa
8DF0	66 6F 53 69 7A 65 41 00 56 45 52 53 49 4F 4E 2E **64 6C 6C** 00 00 00 00 00 00 00 00 00 00 00 00 00	foSizeA.VERSION.**dll**.....