

RANSOMWARE ARCHITECTURE



Malware

Malicious + Software

How it spreads

Virus

Worm

Trojan

What it does

Ransomware

Spyware

Adware

Backdoor

Cryptojacking

Where it entered

Trojanized Software

Phishing Email

Removable Media

MitM

Drive-by Download

Supply Chain Attack

 Virus

```
#include <stdio.h>
2
3 int main() {
4     printf("Hello World!\n");
5     return 0;
6 }
7
```

```
~/workspace/infection_test $ gcc hello.c -o hello
~/workspace/infection_test $ ./hello
Hello World!
~/workspace/infection_test $ ls -l
-rw-r--r-- 1 lignah lignah    76 12월 28일 18:54 hello.c
-rw-r--r-- 1 lignah lignah  3789 12월 28일 18:54 virus.c
-rwxr-xr-x 1 lignah lignah 16432 12월 28일 18:56 virus
-rwxr-xr-x 1 lignah lignah 15416 12월 28일 18:55 hello
```

```
~/workspace/infection_test $ ./virus
[*] Directory Scanning...
[+] Infected: hello          (New EP: 0x1161)

~/workspace/infection_test $ ./hello1
HACKED
Hello World!
```



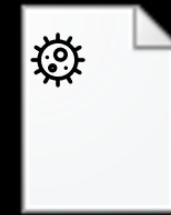
Sys Destruction



Data leakage

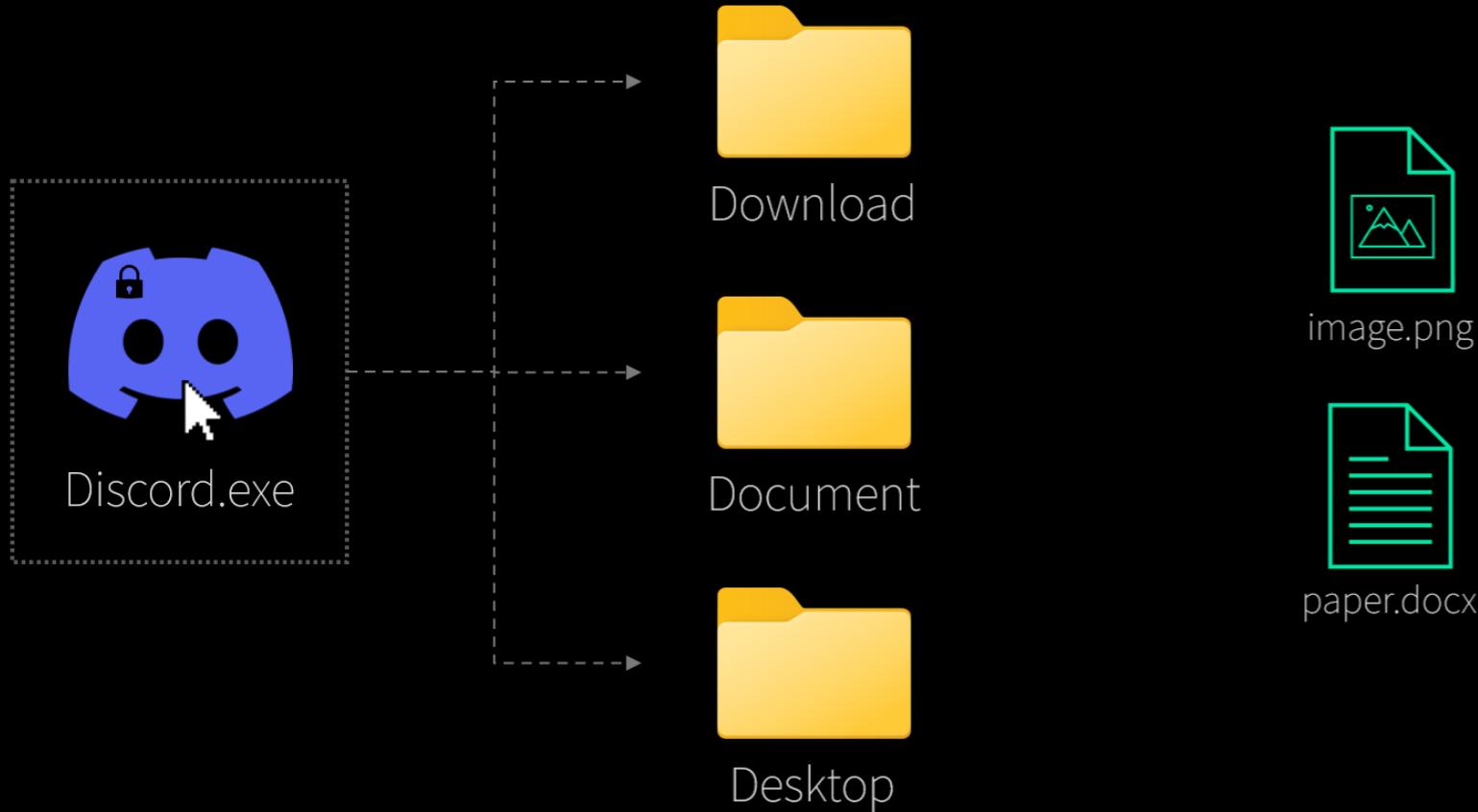


Cryptojacking

 Software



Ransomware





Ransomware

File structure

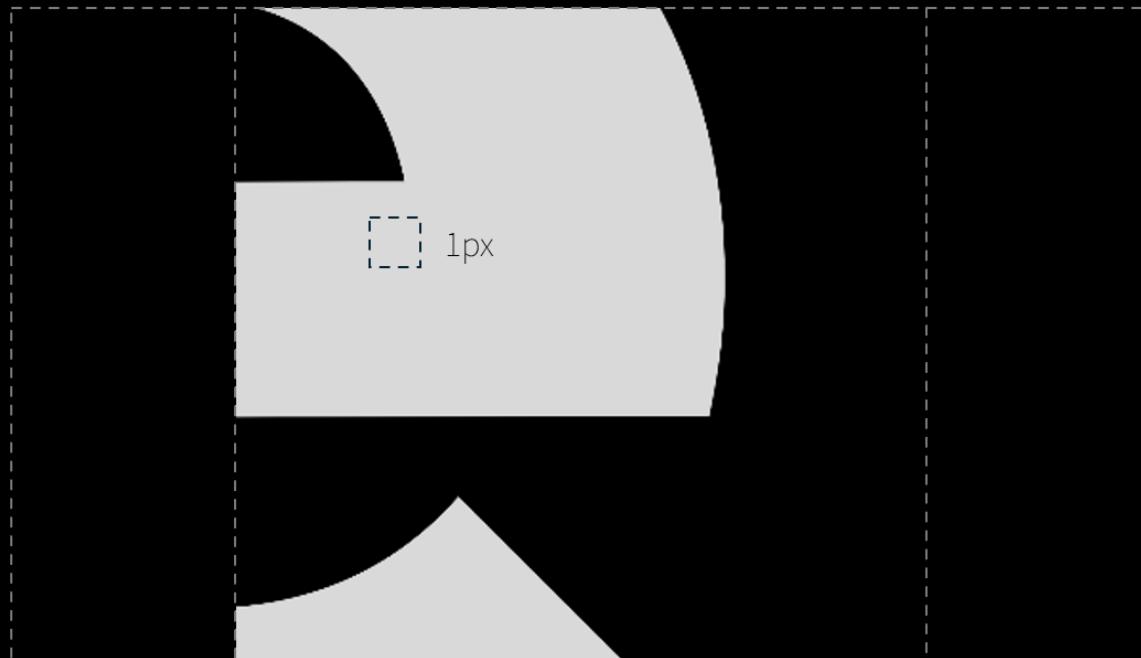


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00000060	FF	3F	00	05	FE	02	FE	A7	35	81	84	00	00	00	00	49	ÿ?..þ.þ§5.,....I
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00000060	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000070	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00



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paper.docx



Biyard_resume.pdf



Mario.exe



Ps_cracked.exe



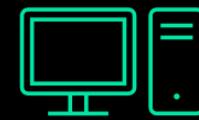
Starcraft.exe

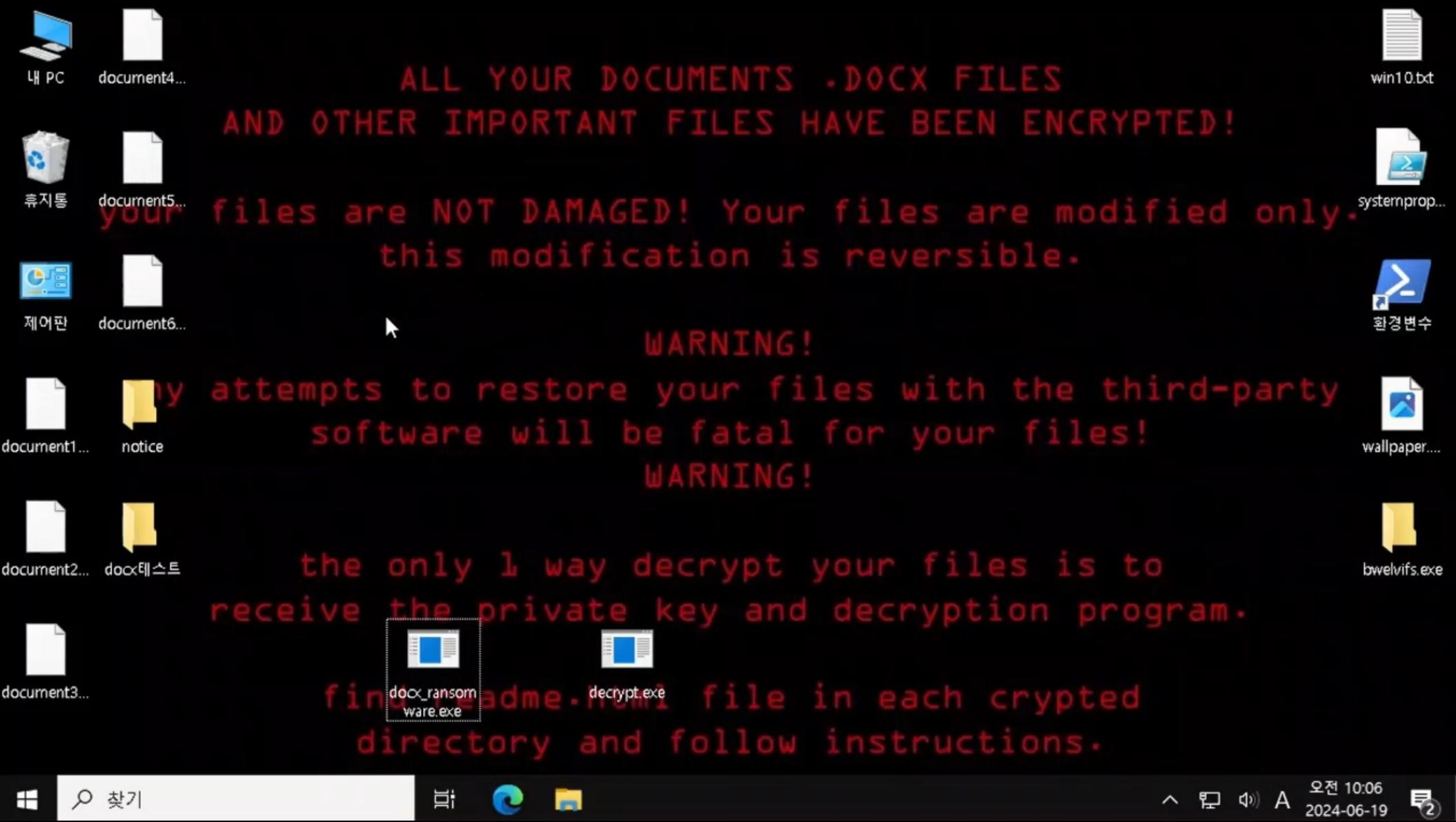
Server



[TCP/IP Socket]

Client





찾기



오전 10:06
2024-06-19

