

# MALICIOUS

Classifications:

Spyware

Threat Names:

Agent Tesla

Agent Tesla v3

Trojan.NSISX.Spy.Gen.2

Gen:Variant.Fugrafa.108481

Verdict Reason: -

|                    |  |
|--------------------|--|
| Sample Type        | Windows Exe (x86-32)   |
| File Name          | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe |
| ID                 | #969561  |
| MD5                | 71028a6ec414b1642243aa4981a3365f                                     |
| SHA1               | 630b016a94f7bee220565d3b9a55a2ae8ef73c5a                             |
| SHA256             | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918     |
| File Size          | 310.05 KB  |
| Report Created     | 2021-09-28 16:04 (UTC+2)   |
| Target Environment | win10_64_th2_en_mso2016   exe  |

## OVERVIEW

### VMRay Threat Identifiers (25 rules, 76 matches)

| Score   | Category        | Operation  | Count | Classification |
|---|-----------------|--|-------|----------------|
| 5/5   | YARA            | Malicious content matched by YARA rules                  | 3     | Spyware        |
| <ul style="list-style-type: none"> <li>• Rule "AgentTesla_HTML_Message" from ruleset "Malware" has matched on layer 4 network traffic to IP "185.104.29.70:587".</li> <li>• Rule "AgentTesla_StringDecryption_v3" from ruleset "Malware" has matched on a memory dump for (process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe.</li> <li>• Rule "AgentTesla_StringDecryption_v3" from ruleset "Malware" has matched on a memory dump for (process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe.</li> </ul>   |                 |  |       |                |
| 5/5   | Data Collection | Tries to read cached credentials of various applications | 1     | Spyware        |
| <ul style="list-style-type: none"> <li>• Tries to read sensitive data of: CoreFTP, Flock, Comodo IceDragon, Cyberfox, TightVNC, Internet Download Manager, Internet Explore... Mozilla Thunderbird, Postbox, Microsoft Outlook, SeaMonkey, BlackHawk, Internet Explorer, Opera Mail, The Bat!, WinSCP, TigerVNC.</li> </ul>   |                 |  |       |                |
| 4/5   | Antivirus       | Malicious content was detected by heuristic scan         | 3     | -              |
| <ul style="list-style-type: none"> <li>• Built-in AV detected the sample itself as "Trojan.NSISX.Spy.Gen.2".</li> <li>• Built-in AV detected a memory dump of (process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe as "Gen:Variant.Fugrafa.108481".</li> <li>• Built-in AV detected a memory dump of (process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe as "IL:Trojan.MSILZilla.1773".</li> </ul>   |                 |  |       |                |
| 2/5   | Data Collection | Reads sensitive browser data                             | 9     | -              |
| <ul style="list-style-type: none"> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of web browser "Opera" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of web browser "Internet Explorer / Edge" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of web browser "k-Meleon" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of web browser "Flock" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of web browser "Comodo IceDragon" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of web browser "Mozilla Firefox" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of web browser "BlackHawk" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read credentials of web browser "Internet Explorer" by reading from the system's credential vault.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of web browser "Cyberfox" by file.</li> </ul> |                 |  |       |                |
| 2/5   | Data Collection | Reads sensitive mail data                                | 7     | -              |
| <ul style="list-style-type: none"> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of mail application "Pocomail" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of mail application "Mozilla Thunderbird" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of mail application "Opera Mail" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of mail application "Incredimail" by registry.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of mail application "The Bat!" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of mail application "Postbox" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of mail application "Microsoft Outlook" by registry.</li> </ul>  |                 |  |       |                |
| 2/5   | Data Collection | Reads sensitive application data                         | 6     | -              |
| <ul style="list-style-type: none"> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of application "WinSCP" by registry.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of application "Internet Download Manager" by registry.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of application "SeaMonkey" by file.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of application "OpenVPN" by registry.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of application "TightVNC" by registry.</li> <li>• (Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of application "TigerVNC" by registry.</li> </ul>   |                 |  |       |                |
| 2/5   | Data Collection | Reads sensitive ftp data                                 | 5     | -              |

| Score | Category             | Operation  | Count | Classification |
|-------|----------------------|--|-------|----------------|
|       |                      | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of ftp application "Ipswitch WS_FTP" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of ftp application "CoreFTP" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of ftp application "CoreFTP" by registry.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of ftp application "FileZilla" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to read sensitive data of ftp application "FTP Navigator" by file.</li> </ul> |       |                |
| 2/5   | Discovery            | Queries OS version via WMI   | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe queries OS version via WMI.</li> </ul>  |       |                |
| 2/5   | Discovery            | Executes WMI query   | 2     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe executes WMI query: select * from Win32_OperatingSystem.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe executes WMI query: SELECT * FROM Win32_Processor.</li> </ul>   |       |                |
| 2/5   | Discovery            | Collects hardware properties   | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe queries hardware properties via WMI.</li> </ul>   |       |                |
| 2/5   | Discovery            | Reads network adapter information  | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe reads the network adapters' addresses by API.</li> </ul>  |       |                |
| 2/5   | Injection            | Writes into the memory of a process started from a created or modified executable  | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe modifies memory of (process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe.</li> </ul>  |       |                |
| 2/5   | Injection            | Modifies control flow of a process started from a created or modified executable   | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe alters context of (process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe.</li> </ul>   |       |                |
| 2/5   | Anti Analysis        | Makes direct system call to possibly evade hooking based sandboxes   | 3     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe makes a direct system call to "NtUnmapViewOfSection".</li> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe makes a direct system call to "NtWriteVirtualMemory".</li> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe makes a direct system call to "NtResumeThread".</li> </ul>  |       |                |
| 1/5   | Hide Tracks          | Creates process with hidden window   | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe starts (process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe with a hidden window.</li> </ul>   |       |                |
| 1/5   | Obfuscation          | Reads from memory of another process   | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe reads from (process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe.</li> </ul>  |       |                |
| 1/5   | Obfuscation          | Creates a page with write and execute permissions  | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe allocates a page in a foreign process with "PAGE_EXECUTE_READWRITE" permissions, often used to dynamically unpack code.</li> </ul>  |       |                |
| 1/5   | Privilege Escalation | Enables process privilege  | 1     | -              |
|       |                      | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe enables process privilege "SeDebugPrivilege".</li> </ul>  |       |                |
| 1/5   | Discovery            | Possibly does reconnaissance   | 22    | -              |

| Score | Category           | Operation   | Count | Classification |
|-------|--------------------|---|-------|----------------|
|       |                    | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Pocomail" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "WinSCP" by registry.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Opera Mail" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "SeaMonkey" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "K-Meleon" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "WS_FTP" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "The Bat!" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Flock" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Postbox" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Comodo IceDragon" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Mozilla Firefox" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "CoreFTP" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Qualcomm Eudora" by registry.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "FileZilla" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Foxmail" by registry.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "blackHawk" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Icecat" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "RealVNC" by registry.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "TightVNC" by registry.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "TigerVNC" by registry.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "FTP Navigator" by file.</li> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to gather information about application "Cyberfox" by file.</li> </ul> |       |                |
| 1/5   | Obfuscation        | Resolves API functions dynamically  | 1     | -              |
|       |                    | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe resolves 55 API functions by name.</li> </ul>  |       |                |
| 1/5   | Network Connection | Performs DNS request  | 1     | -              |
|       |                    | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe resolves host name "mail.globalmedical.nl" to IP "185.104.29.70".</li> </ul>   |       |                |
| 1/5   | Network Connection | Connects to remote host   | 1     | -              |
|       |                    | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe opens an outgoing TCP connection to host "185.104.29.70:587".</li> </ul>   |       |                |
| 1/5   | Network Connection | Tries to connect using an uncommon port   | 1     | -              |
|       |                    | <ul style="list-style-type: none"> <li>(Process #2) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe tries to connect to TCP port 587 at 185.104.29.70.</li> </ul>  |       |                |
| 1/5   | Execution          | Drops PE file   | 1     | -              |
|       |                    | <ul style="list-style-type: none"> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe drops file "C:\Users\RDHJOC-1\AppData\Local\Temp\nshEFEC.tmp\lgyko.dll".</li> </ul>  |       |                |
| 1/5   | Execution          | Executes itself   | 1     | -              |
|       |                    | <ul style="list-style-type: none"> <li>(Process #1) 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe executes a copy of the sample at C:\Users\RDHJOC\NFevz\IDesktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe.</li> </ul>   |       |                |

Mitre ATT&CK Matrix

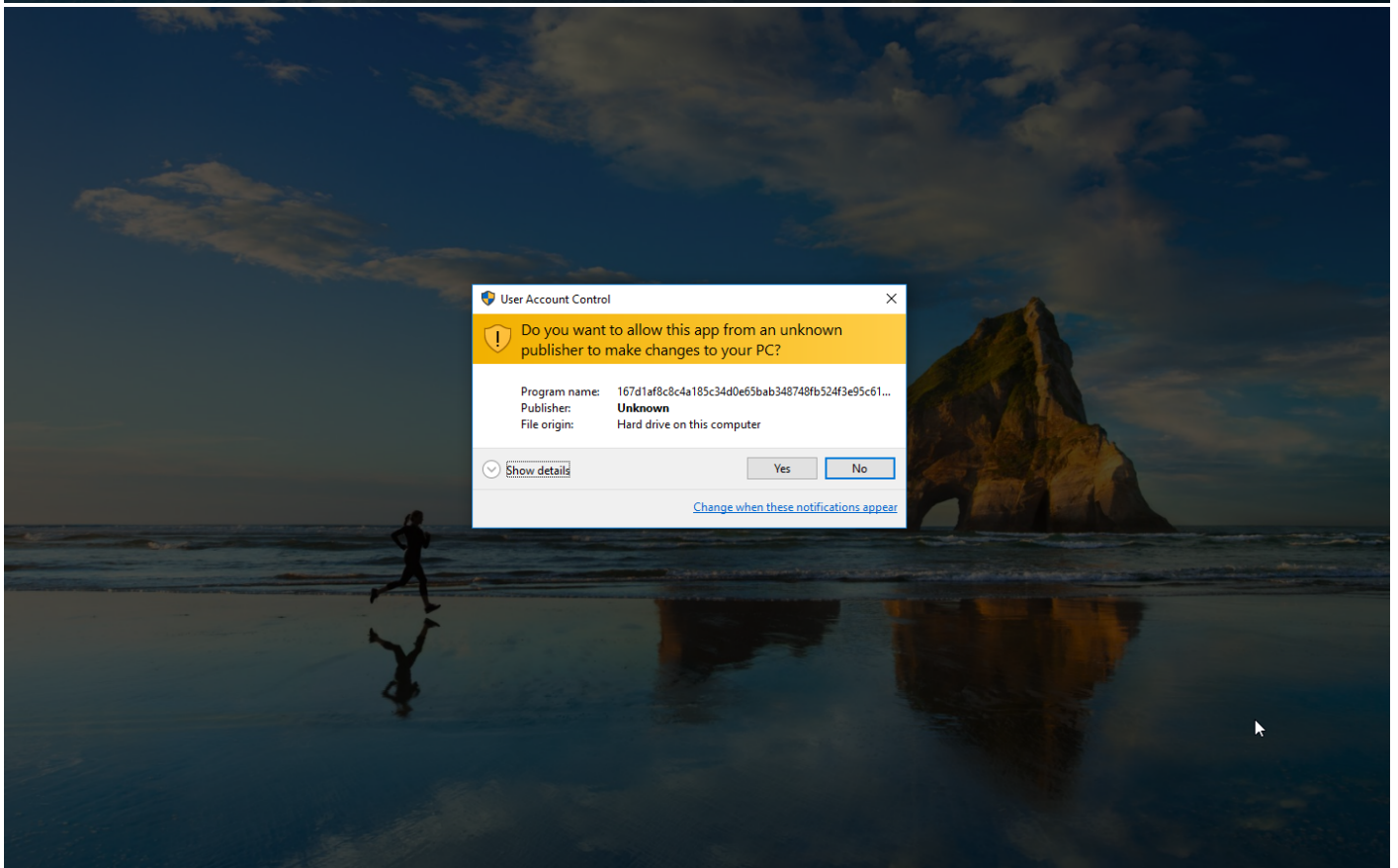
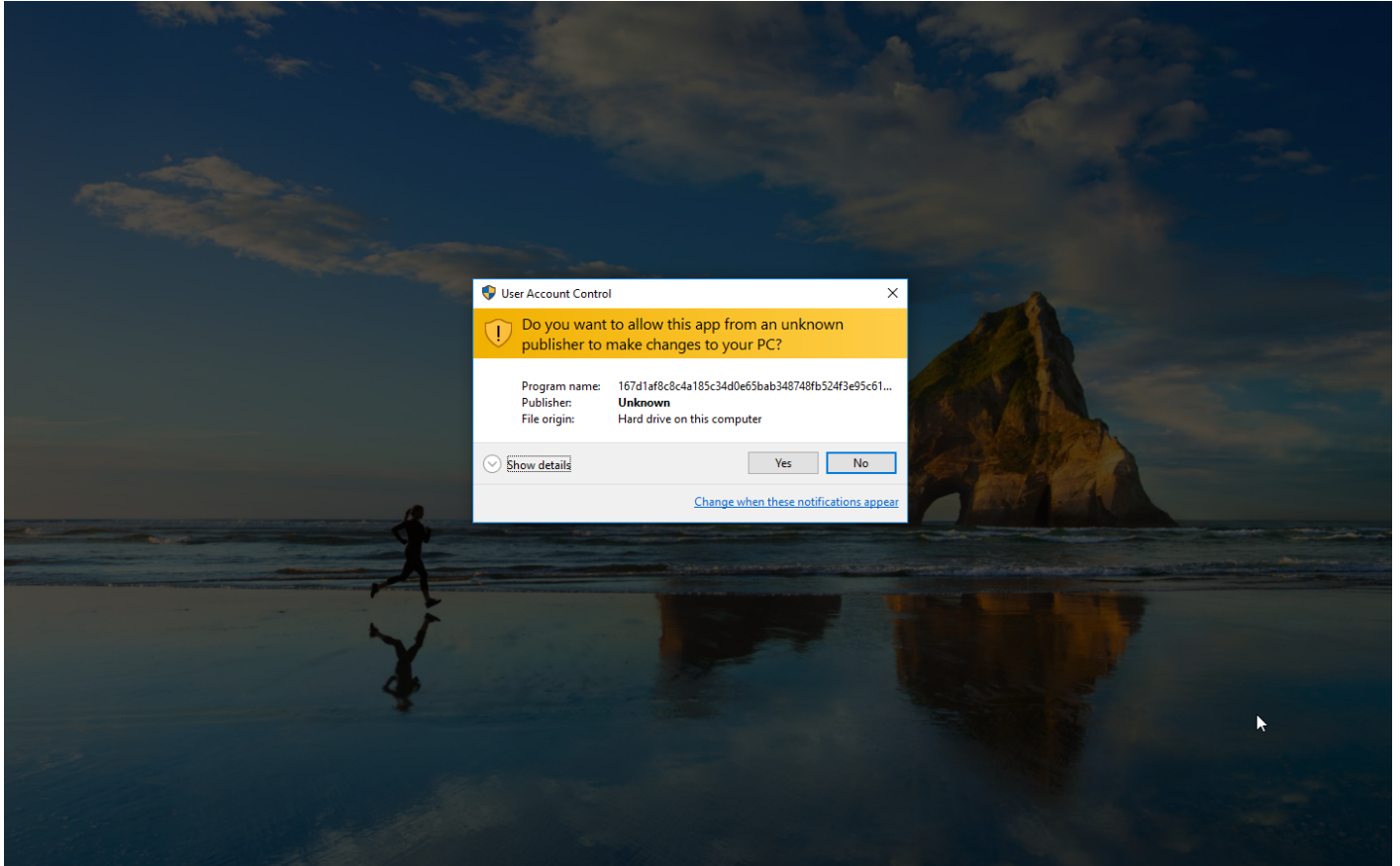
| Initial Access | Execution                                 | Persistence | Privilege Escalation | Defense Evasion         | Credential Access              | Discovery                                     | Lateral Movement | Collection                    | Command and Control         | Exfiltration | Impact |
|----------------|---|-------------|----------------------|-------------------------|--------------------------------|---|------------------|-------------------------------|-----------------------------|--------------|--------|
|                | #T1047 Windows Management Instrumentation |             |                      | #T1143 Hidden Window    | #T1081 Credentials in Files    | #T1083 File and Directory Discovery           |                  | #T1119 Automated Collection   | #T1065 Uncommonly Used Port |              |        |
|                |   |             |                      | #T1045 Software Packing | #T1214 Credentials in Registry | #T1012 Query Registry                         |                  | #T1005 Data from Local System |                             |              |        |
|                |   |             |                      |                         | #T1003 Credential Dumping      | #T1082 System Information Discovery           |                  |                               |                             |              |        |
|                |   |             |                      |                         |                                | #T1016 System Network Configuration Discovery |                  |                               |                             |              |        |

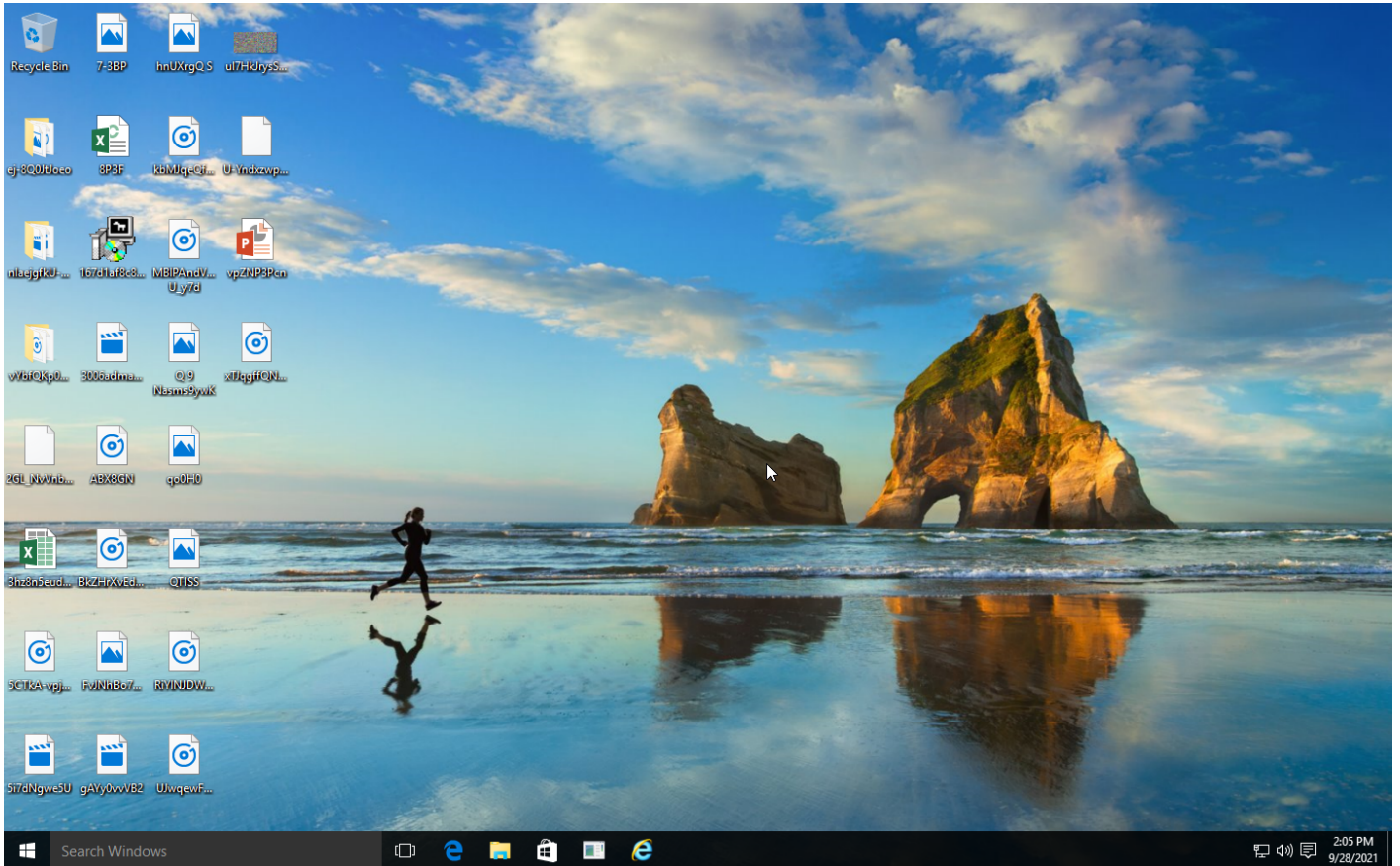
**Sample Information**

|             |  |
|-------------|--|
| ID          | #969561  |
| MD5         | 71028a6ec414b1642243aa4981a3365f                                     |
| SHA1        | 630b016a94f7bee220565d3b9a55a2ae8ef73c5a                             |
| SHA256      | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918     |
| SSDeep      | 6144:F8LxBsG3/D9BNOnAvOrA4WXnLHz6g2USzAmD5D96r:/G37sAv14WXnL21zAq96r |
| ImpHash     | b76363e9cb88bf9390860da8e50999d2                                     |
| File Name   | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe |
| File Size   | 310.05 KB  |
| Sample Type | Windows Exe (x86-32)   |
| Has Macros  | ✓  |

**Analysis Information**

|                               |  |
|-------------------------------|--|
| Creation Time                 | 2021-09-28 16:04 (UTC+2)   |
| Analysis Duration             | 00:04:00   |
| Termination Reason            | Timeout  |
| Number of Monitored Processes | 2  |
| Execution Successful          | False  |
| Reputation Enabled            | ✓  |
| WHOIS Enabled                 | ✓  |
| Built-in AV Enabled           | ✓  |
| Built-in AV Applied On        | Sample Files, PCAP File, Downloaded Files, Dropped Files, Modified Files, Memory Dumps, Embedded Files |
| Number of AV Matches          | 2  |
| YARA Enabled                  | ✓  |
| YARA Applied On               | Sample Files, PCAP File, Downloaded Files, Dropped Files, Modified Files, Memory Dumps, Embedded Files |
| Number of YARA Matches        | 12   |







## NETWORK

### General

1.22 KB total sent

918 bytes total received

1 ports 587

2 contacted IP addresses

0 URLs extracted

0 files downloaded

0 malicious hosts detected

### DNS

1 DNS requests for 1 domains

1 nameservers contacted

0 total requests returned errors

### HTTP/S

0 URLs contacted, 0 servers

0 sessions, 0 bytes sent, 0 bytes received

### DNS Requests

| Type | Hostname              | Response Code | Resolved IPs  | CNames | Verdict |
|------|-----------------------|---------------|---------------|--------|---------|
| A    | mail.globalmedical.nl | NoError       | 185.104.29.70 |        | NA      |

## BEHAVIOR

### Process Graph



**Process #1: 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe**

|                           |  |
|---------------------------|--|
| ID                        | 1  |
| File Name                 | c:\users\rdhj0cnfevzx\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe   |
| Command Line              | "C:\Users\RDhJ0CNFevzX\Desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe" |
| Initial Working Directory | C:\Users\RDhJ0CNFevzX\Desktop\   |
| Monitor Start Time        | Start Time: 62286, Reason: Analysis Target   |
| Unmonitor End Time        | End Time: 108804, Reason: Terminated   |
| Monitor duration          | 46.52s   |
| Return Code               | 0  |
| PID                       | 4908   |
| Parent PID                | 1636   |
| Bitness                   | 32 Bit   |

**Dropped Files (3)**

| File Name  | File Size | SHA256   | YARA Match |
|--|-----------|--|------------|
| C:\Users\RDHJ0C~1\AppData\Local\Temp\nshEFEC.tmp           | 0 bytes   | e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855  | ✘          |
| C:\Users\RDHJ0C~1\AppData\Local\Temp\lwp4r7ldzqpo26xd      | 286.00 KB | 8b59db4a29e96b2178af1491631076557866ecd5af4df7cb1fe02dd7a2aae38d | ✘          |
| C:\Users\RDHJ0C~1\AppData\Local\Temp\nshEFEC.tmp\lgyko.dll | 47.00 KB  | d8f687ba9eea4e69aeaad9cccafd1ecc9be0b1b09c88ab8a4b5728aba666c903 | ✘          |

**Host Behavior**

| Type    | Count |
|---------|-------|
| System  | 55    |
| Module  | 32    |
| File    | 176   |
| Process | 1     |
| -       | 3     |
| -       | 9     |

**Process #2: 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe**

|                           |   |
|---------------------------|---|
| ID                        | 2   |
| File Name                 | c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe   |
| Command Line              | "C:\Users\RDHJ0CNFevz\Desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe" |
| Initial Working Directory | C:\Users\RDHJ0C~1\AppData\Local\Temp\   |
| Monitor Start Time        | Start Time: 104817, Reason: Child Process   |
| Unmonitor End Time        | End Time: 311085, Reason: Terminated by Timeout   |
| Monitor duration          | 206.27s   |
| Return Code               | Unknown   |
| PID                       | 1624  |
| Parent PID                | 4908  |
| Bitness                   | 32 Bit  |

**Injection Information (8)**

| Injection Type      | Source Process  | Source / Target TID | Address / Name         | Size    | Success | Count |
|---------------------|---|---------------------|------------------------|---------|---------|-------|
| Modify Memory       | #1: c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | 0x1318              | 0x400000(4194304)      | 0x400   | ✓       | 1     |
| Modify Memory       | #1: c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | 0x1318              | 0x401000(4198400)      | 0xac00  | ✓       | 1     |
| Modify Memory       | #1: c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | 0x1318              | 0x40c000(4243456)      | 0x5a00  | ✓       | 1     |
| Modify Memory       | #1: c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | 0x1318              | 0x412000(4268032)      | 0x800   | ✓       | 1     |
| Modify Memory       | #1: c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | 0x1318              | 0x414000(4276224)      | 0x200   | ✓       | 1     |
| Modify Memory       | #1: c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | 0x1318              | 0x415000(4280320)      | 0x36400 | ✓       | 1     |
| Modify Memory       | #1: c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | 0x1318              | 0x2f3008(3092488)      | 0x4     | ✓       | 1     |
| Modify Control Flow | #1: c:\users\rdhj0cnfevz\desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | 0x1318 / 0x7f4      | 0x772d8fe0(1999474656) | -       | ✓       | 1     |

**Dropped Files (1)**

| File Name   | File Size | SHA256   | YARA Match |
|---|-----------|--|------------|
| C:\Users\RDHJ0CNFevz\AppData\Local\Temp\tmpG692.tmp | 310.05 KB | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918 | ✗          |

**Host Behavior**

| Type        | Count |
|-------------|-------|
| Module      | 84    |
| File        | 156   |
| System      | 36    |
| Environment | 27    |
| Window      | 6     |
| Registry    | 96    |
| User        | 4     |
| -           | 6     |
| COM         | 37    |
| -           | 2     |
| Mutex       | 2     |

**Network Behavior**

| Type | Count |
|------|-------|
| DNS  | 1     |
| TCP  | 1     |

## ARTIFACTS

| File | SHA256  | File Names   | Category     | File Size | MIME Type                                     | Operations                          | Verdict          |
|------|---|--|--------------|-----------|---|-------------------------------------|------------------|
|      | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918  | C:\Users\RDhJ0CNFeVzX\AppData\Local\Temp\tmpG692.tmp, C:\Users\RDhJ0CNFeVzX\Desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | Sample File  | 310.05 KB | application/vnd.microsoft.portable-executable | Create, Read, Delete, Write, Access | <b>MALICIOUS</b> |
|      | 8b59db4a29e96b2178af1491631076557866ecd5af4df7cb1fe02dd7a2aae38d  | C:\Users\RDhJ0C-1\AppData\Local\Temp\wp4r7ldzqpo26xd   | Dropped File | 286.00 KB | application/octet-stream                      | Write, Read, Create, Access         | <b>CLEAN</b>     |
|      | d8f687ba9eea4e69aeaad9cccaf1d1ecc9be0b1b09c88ab8a4b5728aba666c903 | C:\Users\RDhJ0C-1\AppData\Local\Temp\shEFEC.tmp\plagyko.dll  | Dropped File | 47.00 KB  | application/vnd.microsoft.portable-executable | Write, Create, Access               | <b>CLEAN</b>     |

| Filename | File Name   | Category      | Operations                  | Verdict      |
|----------|---|---------------|-----------------------------|--------------|
|          | C:\Users\RDhJ0C-1\AppData\Local\Temp\   | Accessed File | Create, Access              | <b>CLEAN</b> |
|          | C:\Users\RDhJ0C-1\AppData\Local\Temp\spEA0F.tmp   | Accessed File | Create, Delete, Access      | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\Desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe        | Sample File   | Read, Delete, Access        | <b>CLEAN</b> |
|          | C:\Users\RDhJ0C-1\AppData\Local\Temp\shEFEC.tmp   | Accessed File | Create, Delete, Access      | <b>CLEAN</b> |
|          | C:\Users  | Accessed File | Create, Access              | <b>CLEAN</b> |
|          | C:\Users\RDhJ0C-1   | Accessed File | Create, Access              | <b>CLEAN</b> |
|          | C:\Users\RDhJ0C-1\AppData   | Accessed File | Create, Access              | <b>CLEAN</b> |
|          | C:\Users\RDhJ0C-1\AppData\Local   | Accessed File | Create, Access              | <b>CLEAN</b> |
|          | C:\Users\RDhJ0C-1\AppData\Local\Temp  | Accessed File | Create, Access              | <b>CLEAN</b> |
|          | C:\Users\RDhJ0C-1\AppData\Local\Temp\wp4r7ldzqpo26xd  | Dropped File  | Write, Read, Create, Access | <b>CLEAN</b> |
|          | C:\Users\RDhJ0C-1\AppData\Local\Temp\shEFEC.tmp\plagyko.dll   | Dropped File  | Write, Create, Access       | <b>CLEAN</b> |
|          | C:\Windows\SYSTEM32\ntdll.dll   | Accessed File | Read, Access                | <b>CLEAN</b> |
|          | C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                       | Accessed File | Read, Access                | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\Desktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe.config | Accessed File | Access                      | <b>CLEAN</b> |
|          | C:\Windows\Microsoft.NET\Framework\v4.0.30319\config\machine.config                                       | Accessed File | Access                      | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\AppData\Local\Temp\tmpG692.tmp  | Sample File   | Write, Create, Access       | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\AppData\Local\Epic Privacy Browser\User Data  | Accessed File | Access                      | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\AppData\Roaming\Opera Software\Opera Stable   | Accessed File | Access                      | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\AppData\Local\360Chrome\Chrome\User Data  | Accessed File | Access                      | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\AppData\Local\QIP Surf\User Data  | Accessed File | Access                      | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\AppData\Local\Amigo\User Data   | Accessed File | Access                      | <b>CLEAN</b> |
|          | C:\Users\RDhJ0CNFeVzX\AppData\Local\Fenrir Inc\Sleipnir5\setting\modules\Chromium Viewer                  | Accessed File | Access                      | <b>CLEAN</b> |

| File Name   | Category      | Operations   | Verdict |
|---|---------------|--------------|---------|
| C:\Users\RDhJ0CNFevzX\AppData\Local\CatalinaGroup\Citriol\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Wiebao\User Data  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\CocCoc\Browser\User Data  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Torch\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Orbitum\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Chedot\User Data  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Comodo\Dragon\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\BraveSoftware\Brave-Browser\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\7Star\7Star\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Elements Browser\User Data  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Vivaldi\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Coowon\Coowon\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Iridium\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Chromium\User Data  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Kometa\User Data  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Sputnik\Sputnik\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\CentBrowser\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\MapleStudio\ChromePlus\User Data  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\CozMedia\Uran\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Yandex\YandexBrowser\User Data  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Pocomail\accounts.ini   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Moonchild Productions\Pale Moon\profiles.ini  | Accessed File | Access       | CLEAN   |
| C:\ftp\Fplist.txt   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Google\Chrome\User Data   | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Microsoft\Credentials\  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Microsoft\Credentials\  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Microsoft\Credentials\DFBE70A7E5C19A398EBF1B96859CE5D   | Accessed File | Read, Access | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Microsoft\Protect\S-1-5-21-1560258661-3990802383-1811730007-1000\be39cc84-e9bf-4c2d-a3a5-e953c9f3df24 | Accessed File | Read, Access | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Claws-mail  | Accessed File | Access       | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Claws-mail\clawsrc  | Accessed File | Access       | CLEAN   |
| C:\Users\All Users\AppData\Roaming\FIashFXP\3quick.dat  | Accessed File | Access       | CLEAN   |

| File Name  | Category      | Operations | Verdict |
|--|---------------|------------|---------|
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Thunderbird\profiles.ini                           | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Opera Mail\Opera Mail\wand.dat                     | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Mozilla\SeaMonkey\profiles.ini                     | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Local\Temp\Folder.lst                                      | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Local\Tencent\QQBrowser\User Data                          | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Local\Tencent\QQBrowser\User Data\Default\EncryptedStorage | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\K-Meleon\profiles.ini                              | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Local\Mailbird\Store\Store.db                              | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\MySQL\Workbench\workbench_user_data.dat            | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\lpswitch\WS_FTP\Sites\ws_ftp.ini                   | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\The Bat!   | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Flock\Browser\profiles.ini                         | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Postbox\profiles.ini                               | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Local\NordVPN  | Accessed File | Access     | CLEAN   |
| C:\Program Files\Private Internet Access\data  | Accessed File | Access     | CLEAN   |
| C:\Private Internet Access\data  | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Comodo\IceDragon\profiles.ini                      | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Mozilla\Firefox\profiles.ini                       | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\CoreFTP\sites.idx                                  | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\FileZilla\recent_servers.xml                       | Accessed File | Access     | CLEAN   |
| C:\Storage\  | Accessed File | Access     | CLEAN   |
| C:\mail\   | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Local\VirtualStore\Program Files\Foxmail\mail\             | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Local\VirtualStore\Program Files (x86)\Foxmail\mail\       | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Trillian\users\global\accounts.dat                 | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\NETGATE Technologies\BlackHawk\profiles.ini        | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\Waterfox\profiles.ini                              | Accessed File | Access     | CLEAN   |
| C:\Program Files (x86)\Common Files\Apple\Apple Application Support\plutil.exe           | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFezvX\AppData\Roaming\FTPGetter\servers.xml                              | Accessed File | Access     | CLEAN   |
| C:\Program Files (x86)\Downloader\config\database.script                                 | Accessed File | Access     | CLEAN   |



| File Name  | Category      | Operations | Verdict |
|--|---------------|------------|---------|
| C:\Users\RDhJ0CNFevzX\AppData\Local\Falkon\profiles\profiles.ini         | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Mozilla\icecat\profiles.ini        | Accessed File | Access     | CLEAN   |
| C:\Program Files (x86)\uvnc\bvbal\UltraVNC\ultravnc.ini                  | Accessed File | Access     | CLEAN   |
| C:\Program Files (x86)\UltraVNC\ultravnc.ini                             | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Psi\profiles                       | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\Psi+\profiles                      | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Local\Microsoft\Edge\User Data             | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\leM Client                         | Accessed File | Access     | CLEAN   |
| C:\FTP Navigator\FtpIst.txt  | Accessed File | Access     | CLEAN   |
| C:\Users\RDhJ0CNFevzX\AppData\Roaming\8pecxstudios\Cyberfox\profiles.ini | Accessed File | Access     | CLEAN   |

## Domain

| Domain                | IP Address    | Country | Protocols | Verdict |
|-----------------------|---------------|---------|-----------|---------|
| mail.globalmedical.nl | 185.104.29.70 | -       | DNS       | CLEAN   |

## IP

| IP Address    | Domains               | Country     | Protocols | Verdict |
|---------------|-----------------------|-------------|-----------|---------|
| 192.168.0.1   | -                     | -           | UDP, DNS  | CLEAN   |
| 185.104.29.70 | mail.globalmedical.nl | Netherlands | DNS, TCP  | CLEAN   |

## Registry

| Registry Key   | Operations   | Parent Process Name  | Verdict |
|--|--------------|--|---------|
| HKEY_LOCAL_MACHINE\Software\Microsoft\NETFramework   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\NETFramework\Debug JIT\DebugLaunchSetting                        | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\NETFramework\Debug Managed Debugger                              | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Windows NT\CurrentVersion  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\InstallationType                       | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NETFramework\AppContext  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NETFramework\v4.0.30319  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NETFramework\v4.0.30319\SchUseStrongCrypto                       | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Wbem\Scripting   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Wbem\Scripting\Default Impersonation Level                       | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Wbem\Scripting\Default Namespace                                 | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\W. Europe Standard Time     | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\W. Europe Standard Time\TZI | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |

| Registry Key   | Operations   | Parent Process Name  | Verdict |
|--|--------------|--|---------|
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\W. Europe Standard Time\Dynamic DST                               | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\W. Europe Standard Time\MUI_Display                               | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\W. Europe Standard Time\MUI_Std                                   | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\W. Europe Standard Time\MUI_Dlt                                   | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\SOFTWARE\Martin Prikrýl\WinSCP 2\Sessions  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\DownloadManager\Passwords   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Incredimail\Identities  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\RimArts\B2\Settings   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\OpenVPN-GUI\configs   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\15.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676                                   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676 | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Windows Messaging Subsystem\Profiles\9375CFF0413111d3B88A00104B2A6676                                   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676                                   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000001                          | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000001\Email                    | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000001\IMAP Password            | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000001\POP3 Password            | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000001\HTTP Password            | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000001\SMTP Password            | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002                          | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002\Email                    | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002\IMAP Password            | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002\POP3 Password            | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002\HTTP Password            | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002\SMTP Password            | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |

| Registry Key  | Operations   | Parent Process Name  | Verdict |
|---|--------------|--|---------|
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002\SMTP Server   | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000003               | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profile\Outlook\9375CFF0413111d3B88A00104B2A6676\00000003\Email          | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000003\IMAP Password | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000003\POP3 Password | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000003\HTTP Password | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000003\SMTP Password | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\FTPWare\COREFTPSites\Host  | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| \HKEY_CURRENT_USER\Software\FTPWare\COREFTPSitesPort  | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| \HKEY_CURRENT_USER\Software\FTPWare\COREFTPSitesUser  | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| \HKEY_CURRENT_USER\Software\FTPWare\COREFTPSitesPW  | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| \HKEY_CURRENT_USER\Software\FTPWare\COREFTPSitesName  | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Qualcomm\Eudora\CommandLine  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Aerofox\FoxmailPreview   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\Aerofox\Foxmail\V3.1   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWAREWow6432Node\RealVNC\WinVNC4  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\SOFTWAREWow6432Node\RealVNC\WinVNC4   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\RealVNC\vnserver  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\SOFTWARE\RealVNC\vnserver   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\RealVNC\WinVNC4   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\SOFTWARE\RealVNC\WinVNC4  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\ORL\WinVNC3   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\ORL\WinVNC3  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\TightVNC\Server   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\TightVNC\Server  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\TigerVNC\Server   | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |
| HKEY_CURRENT_USER\Software\TigerVNC\Server  | access       | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |

| Registry Key   | Operations   | Parent Process Name  | Verdict |
|--|--------------|--|---------|
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NETFramework\v4.0.30319\HWRPortReuseOnSocketBind | read, access | 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | CLEAN   |

**Process**

| Process Name   | Commandline  | Verdict   |
|--|--|-----------|
| 167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe | "C:\Users\RDhJ0CNFevz\IDesktop\167d1af8c8c4a185c34d0e65bab348748fb524f3e95c6136324f1e2d7e310918.exe" | MALICIOUS |

## YARA / AV

### YARA (12)

| Ruleset Name | Rule Name                      | Rule Description                   | File Type   | File Name | Classification | Verdict |
|--------------|--------------------------------|------------------------------------|-------------|-----------|----------------|---------|
| Malware      | AgentTesla_HTML_Message        | Agent Tesla html-formatted message | Web Request | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_HTML_Message        | Agent Tesla html-formatted message | Web Request | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |
| Malware      | AgentTesla_StringDecryption_v3 | Agent Tesla v3 string decryption   | Memory Dump | -         | Spyware        | 5/5     |

### Antivirus (2)

| File Type   | Threat Name                | File Name   | Verdict   |
|-------------|----------------------------|---|-----------|
| Sample File | Trojan.NSISX.Spy.Gen.2     | C:\Users\IRDhJ0CNFevzX\Desktop\167d1af8c8c4a185c34d0e65bab3487481b524f3e95c6136324f1e2d7e310918.exe | MALICIOUS |
| Memory Dump | Gen:Variant.Fugrafa.108481 | -   | MALICIOUS |

## ENVIRONMENT

### Virtual Machine Information

|                     |   |
|---------------------|---|
| Name                | win10_64_th2_en_mso2016                             |
| Description         | win10_64_th2_en_mso2016                             |
| Architecture        | x86 64-bit  |
| Operating System    | Windows 10 Threshold 2                              |
| Kernel Version      | 10.0.10586.0 (0de6dc23-8e19-4bb7-8608-d54b1e6fa379) |
| Network Scheme Name | Local Gateway                                       |
| Network Config Name | Local Gateway                                       |

### Platform Information

|                                    |                               |
|------------------------------------|-------------------------------|
| Platform Version                   | 4.3.0                         |
| Dynamic Engine Version             | 4.3.0 / 09/20/2021 03:59      |
| Static Engine Version              | 4.3.0.0 / 2021-09-20 03:00:12 |
| AV Exceptions Version              | 4.3.0.0 / 2021-09-20 03:00:12 |
| Link Detonation Heuristics Version | 4.3.0.4 / 2021-09-16 11:30:34 |
| Signature Trust Store Version      | 4.3.0.0 / 2021-09-20 03:00:12 |
| VMRay Threat Identifiers Version   | 4.3.1.7 / 2021-09-22 10:00:51 |
| YARA Built-in Ruleset Version      | 4.3.0.5                       |

### Anti Virus Information

|  |   |
|--|---|
| Built-in AV Version                      | AVCORE v2.2 Linux/x86_64 11.0.1.19 (March 15, 2021) |
| Built-in AV Database Update Release Date | 2021-09-28 11:29:58+00:00                           |
| Built-in AV Database Records             | 10481709  |

### Software Information

|                              |                |
|------------------------------|----------------|
| Adobe Acrobat Reader Version | Not installed  |
| Microsoft Office             | 2016           |
| Microsoft Office Version     | 16.0.4266.1003 |
| Hangul Office                | Not installed  |
| Hangul Office Version        | Not installed  |
| Internet Explorer Version    | 11.0.10586.0   |
| Chrome Version               | Not installed  |
| Firefox Version              | Not installed  |
| Flash Version                | Not installed  |
| Java Version                 | Not installed  |

### System Information

|                  |                               |
|------------------|-------------------------------|
| Sample Directory | C:\Users\RDhJ0CNFevzX\Desktop |
| Computer Name    | XC64ZB                        |
| User Domain      | XC64ZB                        |

|                |                                      |
|----------------|--------------------------------------|
| User Name      | RDhJ0CNFezX                          |
| User Profile   | C:\Users\RDhJ0CNFezX                 |
| Temp Directory | C:\Users\RDhJ0C-1\AppData\Local\Temp |
| System Root    | C:\Windows                           |