

JoeSandbox Cloud BASIC



**ID:** 829104

**Sample Name:** HfJLn9erXb.exe

**Cookbook:** default.jbs

**Time:** 20:56:49

**Date:** 17/03/2023

**Version:** 37.0.0 Beryl

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| C:\Users\user\AppData\Local\Temp\Kontos.ini                                                                                                                             | 12   |
| C:\Users\user\AppData\Local\Temp\nsb2DEE.tmp\System.dll                                                                                                                 | 13   |
| C:\Users\user\AppData\Roaming\5D4ACB\B73EF6.lck                                                                                                                         | 13   |
| C:\Users\user\AppData\Roaming\Microsoft\Crypto\RSA\S-1-5-21-3425316567-2969588382-3778222414-1001\1b1d0082738e9f9011266f86ab9723d2_11389406-0377-47ed-98c7-d564e683c6eb | 13   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Dykereeve\Jackbsningen\Telescopiform\Bestridende\AEGISIII\RadeonHelper.dll                             | 14   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Dykereeve\Jackbsningen\Telescopiform\Bestridende\Profetiske.Byg                                        | 1414 |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Dykereeve\Jackbsningen\Telescopiform\Bestridende\Sankekort.Sch209                                      | 14   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Hjtideligholderse\Liechtensteiner\Systemopstninger\pan-start-symbolic.symbolic.png                     | 15   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Hjtideligholderse\Liechtensteiner\Systemopstninger\printer-symbolic.symbolic.png                       | 15   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\ldolatrous\Kaes\pt-br.txt                                                                              | 15   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Ravingly\Magnetoplasmaidynamics\godsvognen\avatar-default-symbolic.svg                                 |      |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\be.txt                                                                      | 1615 |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\changes-allow-symbolic.svg                                                  | 16   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\dotnet.api                                                                  | 16   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\ebook-reader.png                                                            | 17   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\emblem-photos-symbolic.svg                                                  | 17   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\font-select-symbolic.symbolic.png                                           | 17   |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\network-wired-symbolic.symbolic.png                                         | 18   |

|                                                                                                                                |           |
|--------------------------------------------------------------------------------------------------------------------------------|-----------|
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Unrivalled\Nonexhaustively\Snaffle\Stealthyful\LogoCanary.png | 18        |
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# Windows Analysis Report

HfJLn9erXb.exe

## Overview

General Information

|              |                 |
|--------------|-----------------|
| Sample Name: | HfJLn9erXb.exe  |
| Analysis ID: | 829104          |
| MD5:         | 049ecad45875... |
| SHA1:        | 12aabeb19083... |
| SHA256:      | cf9a08d65a0b4.. |
| Infos:       |                 |

Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

GuLoader, Lokibot

|              |         |
|--------------|---------|
| Score:       | 100     |
| Range:       | 0 - 100 |
| Whitelisted: | false   |
| Confidence:  | 100%    |

Signatures

Multi AV Scanner detection for subm...

Yara detected Lokibot

Antivirus detection for URL or domain

Yara detected GuLoader

Snort IDS alert for network traffic

Tries to steal Mail credentials (via fi...

Tries to harvest and steal Putty / W...

Tries to detect Any.run

Tries to harvest and steal ftp login c...

Tries to harvest and steal browser in...

Uses 32bit PE files

One or more processes crash

Classification

## Process Tree

- System is w10x64native
- HfJLn9erXb.exe (PID: 8604 cmdline: C:\Users\user\Desktop\HfJLn9erXb.exe MD5: 049ECAD4587538C292E3EBEEE5947EB5)
  - HfJLn9erXb.exe (PID: 2912 cmdline: C:\Users\user\Desktop\HfJLn9erXb.exe MD5: 049ECAD4587538C292E3EBEEE5947EB5)
    - WerFault.exe (PID: 6848 cmdline: C:\Windows\SysWOW64\WerFault.exe -u -p 2912 -s 1368 MD5: 40A149513D721F096DDF50C04DA2F01F)
- cleanup

Malware Threat Intel

Provided by malpedia

| Name               | Description                                                                                                                                                                                                                                              | Attribution    | Blogpost URLs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Link                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| CloudEyE, GuLoader | CloudEyE (initially named GuLoader) is a small VB5/6 downloader. It typically downloads RATs/Stealers, such as Agent Tesla, Arkei/Vidar, Formbook, Lokibot, Netwire and Remcos, often but not always from Google Drive. The downloaded payload is xored. | No Attribution | <a href="http://https://0x00sec.org/t/analyzing-modern-malware-techniques-part-3/18943https://blog.malwarebytes.com/scams/2020/08/sba-phishing-scams-from-malware-to-advanced-social-engineering/https://blog.morphisec.com/guloder-the-rat-downloaderhttps://blog.vincss.net/2020/05/re014-guloder-antivm-techniques.htmlhttps://cert-agid.gov.it/news/malware/tecnica-per-semplificare-lanalisi-del-malware-guloder/">http://https://0x00sec.org/t/analyzing-modern-malware-techniques-part-3/18943https://blog.malwarebytes.com/scams/2020/08/sba-phishing-scams-from-malware-to-advanced-social-engineering/https://blog.morphisec.com/guloder-the-rat-downloaderhttps://blog.vincss.net/2020/05/re014-guloder-antivm-techniques.htmlhttps://cert-agid.gov.it/news/malware/tecnica-per-semplificare-lanalisi-del-malware-guloder/</a> | <a href="http://https://malpedia.caad.fkie.fraunhofer.de/details/win.cloudeye">http://https://malpedia.caad.fkie.fraunhofer.de/details/win.cloudeye</a> |

| Name | Description | Attribution | Blogpost URLs | Link |
|------|-------------|-------------|---------------|------|
|------|-------------|-------------|---------------|------|

| Name                                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Attribution                                                                                       | Blogpost URLs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Link             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|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Loki Password Stealer (PWS), LokiBot | <p>"Loki Bot is a commodity malware sold on underground sites which is designed to steal private data from infected machines, and then submit that info to a command and control host via HTTP POST. This private data includes stored passwords, login credential information from Web browsers, and a variety of cryptocurrency wallets." - PhishMeLoki-Bot employs function hashing to obfuscate the libraries utilized. While not all functions are hashed, a vast majority of them are.Loki-Bot accepts a single argument/switch of -u that simply delays execution (sleeps) for 10 seconds. This is used when Loki-Bot is upgrading itself.The Mutex generated is the result of MD5 hashing the Machine GUID and trimming to 24-characters. For example: B7E1C2CC98066B250DDDB2123.Loki-Bot creates a hidden folder within the %APPDATA% directory whose name is supplied by the 8th thru 13th characters of the Mutex. For example: %APPDATA%\ C98066\.</p> <p>There can be four files within the hidden %APPDATA% directory at any given time: .exe, .lck, .hdb and .kdb. They will be named after characters 13 thru 18 of the Mutex. For example: 6B250D. Below is the explanation of their purpose:FILE EXTENSIONFILE DESCRIPTION.exeA copy of the malware that will execute every time the user account is logged into.lckA lock file created when either decrypting Windows Credentials or Keylogging to prevent resource conflicts.hdbA database of hashes for data that has already been exfiltrated to the C2 server.kdbA database of keylogger data that has yet to be sent to the C2 serverIf the user is privileged, Loki-Bot sets up persistence within the registry under HKEY_LOCAL_MACHINE. If not, it sets up persistence under HKEY_CURRENT_USER.The first packet transmitted by Loki-Bot contains application data.The second packet transmitted by Loki-Bot contains decrypted Windows credentials.The third packet transmitted by Loki-Bot is the malware requesting C2 commands from the C2 server. By default, Loki-Bot will send this request out every 10 minutes after the initial packet it sent.Communications to the C2 server from the compromised host contain information about the user and system including the username, hostname, domain, screen resolution, privilege level, system architecture, and Operating System.The first WORD of the HTTP Payload represents the Loki-Bot version.The second WORD of the HTTP Payload is the Payload Type. Below is the table of identified payload types:BYTEPAYLOAD TYPE0x26Stolen Cryptocurrency Wallet0x27Stolen Application Data0x28Get C2 Commands from C2 Server0x29Stolen File0x2APOS (Point of Sale?)0x2BKeylogger Data0x2CScreenshotThe 11th byte of the HTTP Payload begins the Binary ID. This might be useful in tracking campaigns or specific threat actors. This value value is typically ckav.ru. If you come across a Binary ID that is different from this, take note!</p> <p>Loki-Bot encrypts both the URL and the registry key used for persistence using Triple DES encryption.The Content-Key HTTP Header value is the result of hashing the HTTP Header values that precede it. This is likely used as a protection against researchers who wish to poke and prod at Loki-Bots C2 infrastructure.Loki-Bot can accept the following instructions from the C2 Server:BYTEINSTRUCTION DESCRIPTION0x00Download EXE &amp; Execute0x01Download DLL &amp; Load #10x02Download DLL &amp; Load #20x08Delete HDB File0x09Start Keylogger0x0AMine &amp; Steal Data0x0EExit Loki-Bot0x0FUpgrade Loki-Bot0x10Change C2 Polling Frequency0x11Delete Executables &amp; ExitSuricata SignaturesRULE SIDRULE NAME2024311ET TROJAN Loki Bot Cryptocurrency Wallet Exfiltration Detected2024312ET TROJAN Loki Bot Application/Credential Data Exfiltration Detected M12024313ET TROJAN Loki Bot Request for C2 Commands Detected M12024314ET TROJAN Loki Bot File Exfiltration Detected2024315ET TROJAN Loki Bot Keylogger Data Exfiltration Detected M12024316ET TROJAN Loki Bot Screenshot Exfiltration Detected2024317ET TROJAN Loki Bot Application/Credential Data Exfiltration Detected M22024318ET TROJAN Loki Bot Request for C2 Commands Detected M22024319ET TROJAN Loki Bot Keylogger Data Exfiltration Detected M2</p> | <ul style="list-style-type: none"> <li>SWEED</li> <li>The Gorgon Group</li> <li>Cobalt</li> </ul> | <a href="http://blog.reversing.xyz/reversing/2021/06/08/lokibot.html">http://blog.reversing.xyz/reversing/2021/06/08/lokibot.html</a> <a href="http://reversing.fun/posts/2021/06/08/lokibot.html">http://reversing.fun/posts/2021/06/08/lokibot.html</a> <a href="http://reversing.fun/reversing/2021/06/08/lokibot.html">http://reversing.fun/reversing/2021/06/08/lokibot.html</a> <a href="http://www.malware-traffic-analysis.net/2017/06/12/index.html">http://www.malware-traffic-analysis.net/2017/06/12/index.html</a> <a href="https://blog.fortinet.com/2017/05/17/new-loki-variant-being-spread-via-pdf-file">https://blog.fortinet.com/2017/05/17/new-loki-variant-being-spread-via-pdf-file</a> | <a href="http://https://malpedia.caad.fkie.fr/aunhofer.de/details/win.lokipws">http://https://malpedia.caad.fkie.fr/aunhofer.de/details/win.lokipws</a> |

## Malware Configuration


No configs have been found

| Yara Signatures        |                       |                       |              |         |
|------------------------|-----------------------|-----------------------|--------------|---------|
| PCAP (Network Traffic) |                       |                       |              |         |
| Source                 | Rule                  | Description           | Author       | Strings |
| dump.pcap              | JoeSecurity_Lokibot_1 | Yara detected Lokibot | Joe Security |         |

| Memory Dumps |
|--------------|
|--------------|

| Source                                                                                 | Rule                   | Description            | Author       | Strings |
|----------------------------------------------------------------------------------------|------------------------|------------------------|--------------|---------|
| 00000002.00000002.1379713929.000000000348C000.00000040.00001000.00020000.00000000.sdmp | JoeSecurity_GuLoader_2 | Yara detected GuLoader | Joe Security |         |
| Process Memory Space: HfJLn9erXb.exe PID: 8604                                         | JoeSecurity_GuLoader_3 | Yara detected GuLoader | Joe Security |         |
| Process Memory Space: HfJLn9erXb.exe PID: 2912                                         | JoeSecurity_Lokibot_1  | Yara detected Lokibot  | Joe Security |         |

## Sigma Signatures

 No Sigma rule has matched

## Snort Signatures

ET TROJAN LokiBot Application/Credential Data Exfiltration Detected M2 - Source IP: 192.168.11.20 - Destination IP: 185.246.220.85

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Timestamp:        | 192.168.11.20185.246.220.8549802802024317 03/17/23-20:59:19.936439 |
| SID:              | 2024317                                                            |
| Source Port:      | 49802                                                              |
| Destination Port: | 80                                                                 |
| Protocol:         | TCP                                                                |
| Classtype:        | A Network Trojan was detected                                      |

ET TROJAN LokiBot Application/Credential Data Exfiltration Detected M1 - Source IP: 192.168.11.20 - Destination IP: 185.246.220.85

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Timestamp:        | 192.168.11.20185.246.220.8549802802024312 03/17/23-20:59:19.936439 |
| SID:              | 2024312                                                            |
| Source Port:      | 49802                                                              |
| Destination Port: | 80                                                                 |
| Protocol:         | TCP                                                                |
| Classtype:        | A Network Trojan was detected                                      |

ETPRO TROJAN LokiBot Checkin M2 - Source IP: 192.168.11.20 - Destination IP: 185.246.220.85

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Timestamp:        | 192.168.11.20185.246.220.8549802802825766 03/17/23-20:59:19.936439 |
| SID:              | 2825766                                                            |
| Source Port:      | 49802                                                              |
| Destination Port: | 80                                                                 |
| Protocol:         | TCP                                                                |
| Classtype:        | A Network Trojan was detected                                      |

ET TROJAN LokiBot User-Agent (Charon/Inferno) - Source IP: 192.168.11.20 - Destination IP: 185.246.220.85

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Timestamp:        | 192.168.11.20185.246.220.8549802802021641 03/17/23-20:59:19.936439 |
| SID:              | 2021641                                                            |
| Source Port:      | 49802                                                              |
| Destination Port: | 80                                                                 |
| Protocol:         | TCP                                                                |
| Classtype:        | A Network Trojan was detected                                      |

ET TROJAN LokiBot Checkin - Source IP: 192.168.11.20 - Destination IP: 185.246.220.85

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Timestamp:        | 192.168.11.20185.246.220.8549802802025381 03/17/23-20:59:19.936439 |
| SID:              | 2025381                                                            |
| Source Port:      | 49802                                                              |
| Destination Port: | 80                                                                 |
| Protocol:         | TCP                                                                |
| Classtype:        | A Network Trojan was detected                                      |

## Joe Sandbox Signatures

### AV Detection



Multi AV Scanner detection for submitted file

Antivirus detection for URL or domain

### Networking



Snort IDS alert for network traffic

### Data Obfuscation



Yara detected GuLoader

### Malware Analysis System Evasion



Tries to detect Any.run

### Stealing of Sensitive Information



Yara detected Lokibot

Tries to steal Mail credentials (via file / registry access)

Tries to harvest and steal Putty / WinSCP information (sessions, passwords, etc)

Tries to harvest and steal ftp login credentials

Tries to harvest and steal browser information (history, passwords, etc)

### Remote Access Functionality

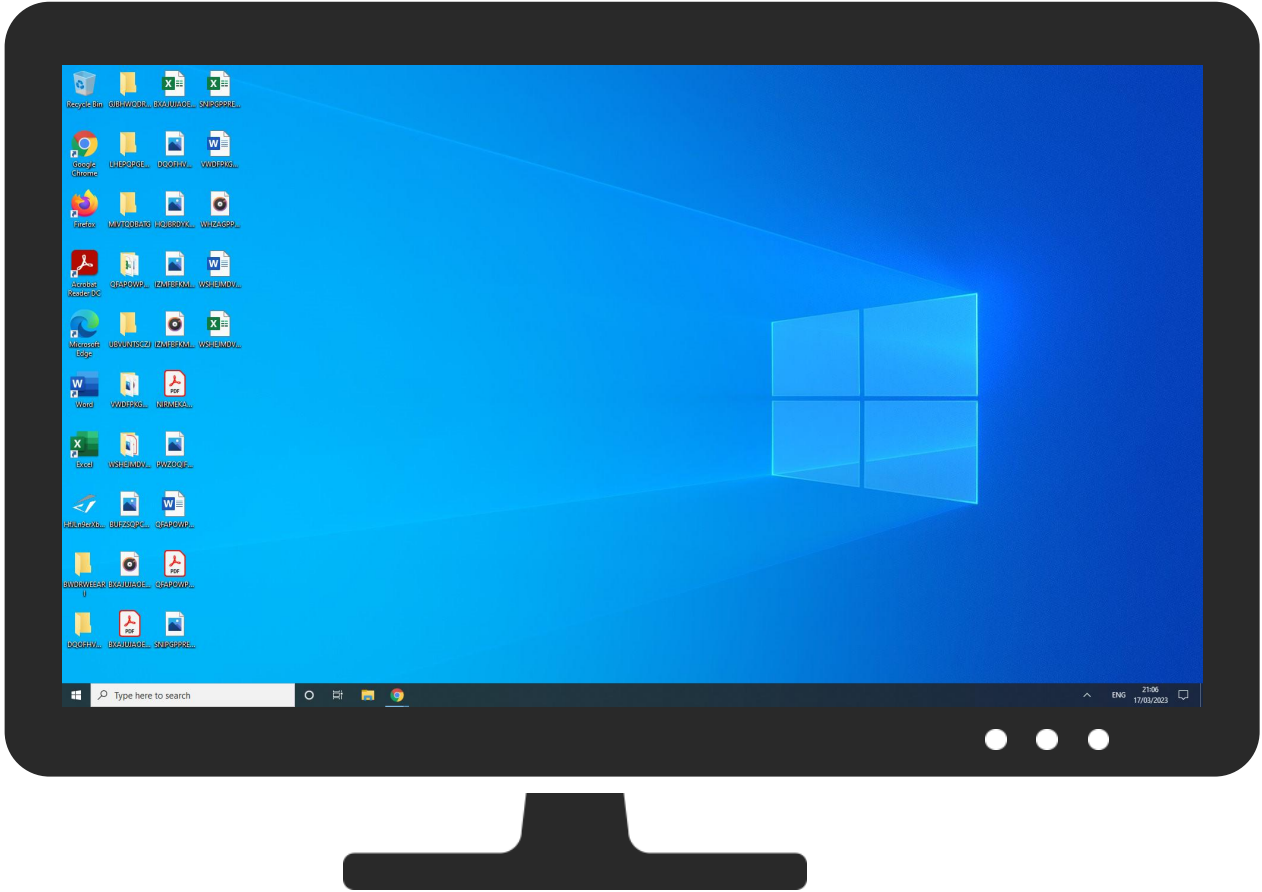


Yara detected Lokibot

## Mitre Att&ck Matrix

| Initial Access   | Execution          | Persistence                          | Privilege Escalation        | Defense Evasion                   | Credential Access         | Discovery                        | Lateral Movement                   | Collection               | Exfiltration                           | Command and Control              | Network Effects                             | Remote Service Effects                      | Impact                                   |
|------------------|--------------------|--------------------------------------|-----------------------------|-----------------------------------|---------------------------|----------------------------------|------------------------------------|--------------------------|----------------------------------------|----------------------------------|---------------------------------------------|---------------------------------------------|------------------------------------------|
| Valid Accounts   | 1 Native API       | 1 DLL Side-Loading                   | 1 Access Token Manipulation | 1 Masquerading                    | 2 OS Credential Dumping   | 1 1 Security Software Discovery  | Remote Services                    | 1 Email Collection       | Exfiltration Over Other Network Medium | 1 Encrypted Channel              | Eavesdrop on Insecure Network Communication | Remotely Track Device Without Authorization | 1 System Shutdown/ Reboot                |
| Default Accounts | Scheduled Task/Job | Boot or Logon Initialization Scripts | 1 1 Process Injection       | 1 Virtualization/Sandbox Evasion  | 1 Credentials in Registry | 1 Virtualization/Sandbox Evasion | Remote Desktop Protocol            | 1 Archive Collected Data | Exfiltration Over Bluetooth            | 1 Ingress Tool Transfer          | Exploit SS7 to Redirect Phone Calls/SMS     | Remotely Wipe Data Without Authorization    | Device Lockout                           |
| Domain Accounts  | At (Linux)         | Logon Script (Windows)               | 1 DLL Side-Loading          | 1 Access Token Manipulation       | Security Account Manager  | 3 File and Directory Discovery   | SMB/Windows Admin Shares           | 2 Data from Local System | Automated Exfiltration                 | 3 Non-Application Layer Protocol | Exploit SS7 to Track Device Location        | Obtain Device Cloud Backups                 | Delete Device Data                       |
| Local Accounts   | At (Windows)       | Logon Script (Mac)                   | Logon Script (Mac)          | 1 1 Process Injection             | NTDS                      | 5 System Information Discovery   | Distributed Component Object Model | 1 Clipboard Data         | Scheduled Transfer                     | 1 3 Application Layer Protocol   | SIM Card Swap                               |                                             | Carrier Billing Fraud                    |
| Cloud Accounts   | Cron               | Network Logon Script                 | Network Logon Script        | 1 Obfuscated Files or Information | LSA Secrets               | Remote System Discovery          | SSH                                | Keylogging               | Data Transfer Size Limits              | Fallback Channels                | Manipulate Device Communication             |                                             | Manipulate App Store Rankings or Ratings |





Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

| Source         | Detection | Scanner       | Label                | Link                   |
|----------------|-----------|---------------|----------------------|------------------------|
| HfJLn9erXb.exe | 51%       | ReversingLabs | Win32.Trojan.Nemesis |                        |
| HfJLn9erXb.exe | 54%       | Virustotal    |                      | <a href="#">Browse</a> |

Dropped Files

| Source                                                                                                                                     | Detection | Scanner       | Label | Link |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|-------|------|
| C:\Users\user\AppData\Local\Temp\nsb2DEE.tmp\System.dll                                                                                    | 0%        | ReversingLabs |       |      |
| C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Dykereeve\Jackbsningen\Telescopiform\Bestridende\AEGISIIIRadeonHelper.dll | 0%        | ReversingLabs |       |      |

Unpacked PE Files

| Source                             | Detection | Scanner | Label             | Link | Download                      |
|------------------------------------|-----------|---------|-------------------|------|-------------------------------|
| 7.0.HfJLn9erXb.exe.400000.0.unpack | 100%      | Avira   | HEUR/AGEN.1223491 |      | <a href="#">Download File</a> |
| 2.0.HfJLn9erXb.exe.400000.0.unpack | 100%      | Avira   | HEUR/AGEN.1223491 |      | <a href="#">Download File</a> |
| 2.2.HfJLn9erXb.exe.400000.0.unpack | 100%      | Avira   | HEUR/AGEN.1223491 |      | <a href="#">Download File</a> |

Domains

| Source            | Detection | Scanner    | Label | Link                   |
|-------------------|-----------|------------|-------|------------------------|
| ruhsalgelisim.com | 0%        | Virustotal |       | <a href="#">Browse</a> |

| URLs                                                                                                       |           |                 |         |                        |
|------------------------------------------------------------------------------------------------------------|-----------|-----------------|---------|------------------------|
| Source                                                                                                     | Detection | Scanner         | Label   | Link                   |
| http://www.gopher.ftp://ftp.                                                                               | 0%        | Avira URL Cloud | safe    |                        |
| http://www.w3c.org/TR/1999/REC-html401-19991224/loose.dtd                                                  | 0%        | Avira URL Cloud | safe    |                        |
| http://inference.location.live.com11111111-1111-1111-1111-111111111111https://partnernext-inference.       | 0%        | Avira URL Cloud | safe    |                        |
| http://www.w3c.org/TR/1999/REC-html401-19991224/frameset.dtd                                               | 0%        | Avira URL Cloud | safe    |                        |
| http://ruhsalgelisim.com/jgEyxsZj50.ttf                                                                    | 0%        | Avira URL Cloud | safe    |                        |
| http://ruhsalgelisim.com/jgEyxsZj50.ttf                                                                    | 0%        | Virustotal      |         | <a href="#">Browse</a> |
| http://185.246.220.85/habrik/five/fre.php                                                                  | 100%      | Avira URL Cloud | malware |                        |
| http://https://inference.location.live.net/inferenceservice/v21/Pox/GetLocationUsingFingerprint1e71f6b-214 | 0%        | Avira URL Cloud | safe    |                        |
| http://www.w3c.org/TR/1999/REC-html401-19991224/frameset.dtd                                               | 0%        | Virustotal      |         | <a href="#">Browse</a> |

| Domains and IPs   |              |        |           |                                                                                          |            |
|-------------------|--------------|--------|-----------|------------------------------------------------------------------------------------------|------------|
| Contacted Domains |              |        |           |                                                                                          |            |
| Name              | IP           | Active | Malicious | Antivirus Detection                                                                      | Reputation |
| ruhsalgelisim.com | 85.95.248.49 | true   | false     | <ul style="list-style-type: none"> <li>0%, Virustotal, <a href="#">Browse</a></li> </ul> | unknown    |

| Contacted URLs                            |           |                                                                                                                         |            |
|-------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------|------------|
| Name                                      | Malicious | Antivirus Detection                                                                                                     | Reputation |
| http://ruhsalgelisim.com/jgEyxsZj50.ttf   | false     | <ul style="list-style-type: none"> <li>0%, Virustotal, <a href="#">Browse</a></li> <li>Avira URL Cloud: safe</li> </ul> | unknown    |
| http://185.246.220.85/habrik/five/fre.php | true      | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul>                                              | unknown    |

| URLs from Memory and Binaries                                                                              |                                                                                                        |           |                                                                                                                      |            |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------|------------|
| Name                                                                                                       | Source                                                                                                 | Malicious | Antivirus Detection                                                                                                  | Reputation |
| http://inference.location.live.com11111111-1111-1111-1111-111111111111https://partnernext-inference.       | HfJLn9erXb.exe, 00000007.00000001.1217313379.0000000000649000.00000020.00000001.01000000.00000007.sdmp | false     | <ul style="list-style-type: none"><li>Avira URL Cloud: safe</li></ul>                                                | unknown    |
| http://www.w3c.org/TR/1999/REC-html401-19991224/loose.dtd                                                  | HfJLn9erXb.exe, 00000007.00000001.1217313379.00000000005F2000.00000020.00000001.01000000.00000007.sdmp | false     | <ul style="list-style-type: none"><li>Avira URL Cloud: safe</li></ul>                                                | unknown    |
| http://www.w3c.org/TR/1999/REC-html401-19991224/frameset.dtd                                               | HfJLn9erXb.exe, 00000007.00000001.1217313379.00000000005F2000.00000020.00000001.01000000.00000007.sdmp | false     | <ul style="list-style-type: none"><li>0%, Virustotal, <a href="#">Browse</a></li><li>Avira URL Cloud: safe</li></ul> | unknown    |
| http://nsis.sf.net/NSIS_Error                                                                              | HfJLn9erXb.exe                                                                                         | false     |                                                                                                                      | high       |
| http://nsis.sf.net/NSIS_ErrorError                                                                         | HfJLn9erXb.exe                                                                                         | false     |                                                                                                                      | high       |
| http://www.ibm.com/data/dtd/v11/ibmhtml1-transitional.dtd-//W3O//DTD                                       | HfJLn9erXb.exe, 00000007.00000001.1217313379.0000000000626000.00000020.00000001.01000000.00000007.sdmp | false     |                                                                                                                      | high       |
| http://www.gopher.ftp://ftp.                                                                               | HfJLn9erXb.exe, 00000007.00000001.1217313379.0000000000649000.00000020.00000001.01000000.00000007.sdmp | false     | <ul style="list-style-type: none"><li>Avira URL Cloud: safe</li></ul>                                                | unknown    |
| http://https://inference.location.live.net/inferenceservice/v21/Pox/GetLocationUsingFingerprint1e71f6b-214 | HfJLn9erXb.exe, 00000007.00000001.1217313379.0000000000649000.00000020.00000001.01000000.00000007.sdmp | false     | <ul style="list-style-type: none"><li>Avira URL Cloud: safe</li></ul>                                                | unknown    |

| World Map of Contacted IPs |
|----------------------------|
|----------------------------|



| Public IPs     |                   |         |                                                                                     |       |                                      |           |
|----------------|-------------------|---------|-------------------------------------------------------------------------------------|-------|--------------------------------------|-----------|
| IP             | Domain            | Country | Flag                                                                                | ASN   | ASN Name                             | Malicious |
| 85.95.248.49   | ruhsalgelisim.com | Turkey  |  | 49467 | EUROTA-ASNEUROTAINETNETSERVICESLTDTR | false     |
| 185.246.220.85 | unknown           | Germany |  | 10753 | LVLT-10753US                         | true      |

| General Information                                |                                                                                                                                                                       |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version:                               | 37.0.0 Beryl                                                                                                                                                          |
| Analysis ID:                                       | 829104                                                                                                                                                                |
| Start date and time:                               | 2023-03-17 20:56:49 +01:00                                                                                                                                            |
| Joe Sandbox Product:                               | CloudBasic                                                                                                                                                            |
| Overall analysis duration:                         | 0h 14m 23s                                                                                                                                                            |
| Hypervisor based Inspection enabled:               | false                                                                                                                                                                 |
| Report type:                                       | light                                                                                                                                                                 |
| Cookbook file name:                                | default.jbs                                                                                                                                                           |
| Analysis system description:                       | Windows 10 64 bit 20H2 Native <b>physical Machine for testing VM-aware malware</b> (Office 2019, IE 11, Chrome 93, Firefox 91, Adobe Reader DC 21, Java 8 Update 301) |
| Number of analysed new started processes analysed: | 24                                                                                                                                                                    |
| Number of new started drivers analysed:            | 0                                                                                                                                                                     |
| Number of existing processes analysed:             | 0                                                                                                                                                                     |
| Number of existing drivers analysed:               | 0                                                                                                                                                                     |
| Number of injected processes analysed:             | 0                                                                                                                                                                     |
| Technologies:                                      | <ul style="list-style-type: none"><li>• HCA enabled</li><li>• EGA enabled</li><li>• HDC enabled</li><li>• AMSI enabled</li></ul>                                      |
| Analysis Mode:                                     | default                                                                                                                                                               |
| Analysis stop reason:                              | Timeout                                                                                                                                                               |
| Sample file name:                                  | HfJLn9erXb.exe                                                                                                                                                        |
| Detection:                                         | MAL                                                                                                                                                                   |
| Classification:                                    | mal100.troj.spyw.evad.winEXE@4/19@1/2                                                                                                                                 |
| EGA Information:                                   | <ul style="list-style-type: none"><li>• Successful, ratio: 50%</li></ul>                                                                                              |

|                    |                                                                                                                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDC Information:   | <ul style="list-style-type: none"><li>• Successful, ratio: 37% (good quality ratio 36.2%)</li><li>• Quality average: 88.9%</li><li>• Quality standard deviation: 21.5%</li></ul>      |
| HCA Information:   | <ul style="list-style-type: none"><li>• Successful, ratio: 82%</li><li>• Number of executed functions: 0</li><li>• Number of non-executed functions: 0</li></ul>                      |
| Cookbook Comments: | <ul style="list-style-type: none"><li>• Found application associated with file extension: .exe</li><li>• Sleeps bigger than 100000000ms are automatically reduced to 1000ms</li></ul> |

Warnings

- Exclude process from analysis (whitelisted): dllhost.exe, WerFault.exe, WMIADAP.exe, backgroundTaskHost.exe, SgrmBroker.exe, MoUsoCoreWorker.exe, svchost.exe, Usoclient.exe
- TCP Packets have been reduced to 100
- Excluded domains from analysis (whitelisted): spclient.wg.spotify.com, wdcplatt.microsoft.com, client.wns.windows.com, fs.microsoft.com, login.live.com, slscr.update.microsoft.com, ctldl.windowsupdate.com, settings-win.data.microsoft.com, wdcpl.microsoft.com, fe3cr.delivery.mp.microsoft.com
- Execution Graph export aborted for target HfJLn9erXb.exe, PID 2912 because there are no executed function
- Report size getting too big, too many NtOpenKeyEx calls found.
- Report size getting too big, too many NtQueryValueKey calls found.

Simulations

Behavior and APIs

No simulations

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASNs

No context

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Local\Temp\Kontos.ini

|                 |                                             |
|-----------------|---------------------------------------------|
| Process:        | C:\Users\user\Desktop\HfJLn9erXb.exe        |
| File Type:      | ASCII text, with CRLF line terminators      |
| Category:       | dropped                                     |
| Size (bytes):   | 54                                          |
| Entropy (8bit): | 4.838039816898156                           |
| Encrypted:      | false                                       |
| SSDEEP:         | 3:7KG/Lml/cXQQLQIfLBjXmgxv:OG/Lml/cXQQkIP2I |
| MD5:            | FB5EE2C0CAC332EC8390F50016EF0769            |

|             |                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------|
| SHA1:       | 11D9FB52FE5289140B9D52A38B56F99512B3A3A7                                                                                         |
| SHA-256:    | C557AFE51AB22916E3423820A09D3805BF9DCDCECBEC4FE8DE2C67FB023BA631                                                                 |
| SHA-512:    | 87CCEA7B203B8BFC4E21544FE4FE9693AF230E246C450E673410565791DFE8257E30354772FDCC114C7068D9295FDB491E9B52D1A3B490C0756E568B70B95C07 |
| Malicious:  | false                                                                                                                            |
| Reputation: | moderate, very likely benign file                                                                                                |
| Preview:    | [Bedrock]..Interthing=user32::EnumWindows(i r1 ,i 0)..                                                                           |

| C:\Users\user\AppData\Local\Temp\nsb2DEE.tmp\System.dll  |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                                                                                  | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                                                                                                                                                                                                                                             |
| File Type:                                                                                                                                | PE32 executable (DLL) (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                          |
| Category:                                                                                                                                 | dropped                                                                                                                                                                                                                                                                                                                                          |
| Size (bytes):                                                                                                                             | 11776                                                                                                                                                                                                                                                                                                                                            |
| Entropy (8bit):                                                                                                                           | 5.832316471889005                                                                                                                                                                                                                                                                                                                                |
| Encrypted:                                                                                                                                | false                                                                                                                                                                                                                                                                                                                                            |
| SSDEEP:                                                                                                                                   | 192:4PtKiQJr7jHYT87RfwXQ6YSYtOuVDi7lsFW14LI8CO:H78TQlgGCDp14LGC                                                                                                                                                                                                                                                                                  |
| MD5:                                                                                                                                      | B0C77267F13B2F87C084FD86EF51CCFC                                                                                                                                                                                                                                                                                                                 |
| SHA1:                                                                                                                                     | F7543F9E9B4F04386DFBF33C38CBED1BF205AFB3                                                                                                                                                                                                                                                                                                         |
| SHA-256:                                                                                                                                  | A0CAC4CF4852895619BC7743EBEB89F9E4927CCDB9E66B1BCD92A4136D0F9C77                                                                                                                                                                                                                                                                                 |
| SHA-512:                                                                                                                                  | F2B57A2EEA00F52A3C7080F4B5F2BB85A7A9B9F16D12DA8F8FF673824556C62A0F742B72BE0FD82A2612A4B6DBD7E0FDC27065212DA703C2F7E28D199696F66E                                                                                                                                                                                                                 |
| Malicious:                                                                                                                                | false                                                                                                                                                                                                                                                                                                                                            |
| Antivirus:                                                                                                                                | <ul style="list-style-type: none"> <li>Antivirus: ReversingLabs, Detection: 0%</li> </ul>                                                                                                                                                                                                                                                        |
| Reputation:                                                                                                                               | moderate, very likely benign file                                                                                                                                                                                                                                                                                                                |
| Preview:                                                                                                                                  | MZ.....@.....!..L!This program cannot be run in DOS mode....\$.....ir*-.D.-.D.-.D...J*.D.-.E.>.D.....*.D.y0t.).D.N1n.,D..3@.,D.Rich-.D.<br>.....PE..L.....oZ.....!.....0.....@.....2.....0..P.....P.....0..X.....<br>.....text...O..... .data.c...0.....\$......@..@.data...h...@.....(.....@...reloc...P.....*......@..B.....<br>.....<br>..... |

| C:\Users\user\AppData\Roaming\5D4ACB\B73EF6.lck |                                                                                                                                  |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:                                        | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                             |
| File Type:                                      | very short file (no magic)                                                                                                       |
| Category:                                       | dropped                                                                                                                          |
| Size (bytes):                                   | 1                                                                                                                                |
| Entropy (8bit):                                 | 0.0                                                                                                                              |
| Encrypted:                                      | false                                                                                                                            |
| SSDEEP:                                         | 3:U:U                                                                                                                            |
| MD5:                                            | C4CA4238A0B923820DCC509A6F75849B                                                                                                 |
| SHA1:                                           | 356A192B7913B04C54574D18C28D46E6395428AB                                                                                         |
| SHA-256:                                        | 6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B                                                                 |
| SHA-512:                                        | 4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A |
| Malicious:                                      | false                                                                                                                            |
| Preview:                                        | 1                                                                                                                                |

| C:\Users\user\AppData\Roaming\Microsoft\Crypto\RSA\S-1-5-21-3425316567-2969588382-3778222414-1001\1b1d0082738e9f9011266f86ab9723d2_11389406-0377-47ed-98c7-d564e683c6eb |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                                                                                                                | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                             |
| File Type:                                                                                                                                                              | data                                                                                                                             |
| Category:                                                                                                                                                               | dropped                                                                                                                          |
| Size (bytes):                                                                                                                                                           | 47                                                                                                                               |
| Entropy (8bit):                                                                                                                                                         | 1.1262763721961973                                                                                                               |
| Encrypted:                                                                                                                                                              | false                                                                                                                            |
| SSDEEP:                                                                                                                                                                 | 3:/SIllEXIn:AWE1                                                                                                                 |
| MD5:                                                                                                                                                                    | D69FB7CE74DAC48982B69816C3772E4E                                                                                                 |
| SHA1:                                                                                                                                                                   | B1C04CDB2567DC2B50D903B0E1D0D3211191E065                                                                                         |
| SHA-256:                                                                                                                                                                | 8CC6CA5CA4D0FA03842A60D90A6141F0B8D64969E830FC899DBA60ACB4905396                                                                 |
| SHA-512:                                                                                                                                                                | 7E4EC58DA8335E43A4542E0F6E05FA2D15393E83634BE973AA3E758A870577BA0BA136F6E831907C4B30D587B8E6EEAFA2A4B8142F49714101BA50ECC294DDB0 |
| Malicious:                                                                                                                                                              | false                                                                                                                            |

|          |            |
|----------|------------|
| Preview: | .....user. |
|----------|------------|

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Dykereeve\Jackbsningen\Telescopiform\Bestridende\AEGISIIIRadeonHe<br/>lper.dll</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Process:                                                                                                                                                                                                                                 | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                                                                                                                                                                                                                                                                                                                                            |
| File Type:                                                                                                                                                                                                                               | PE32+ executable (DLL) (GUI) x86-64, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                             |
| Category:                                                                                                                                                                                                                                | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Size (bytes):                                                                                                                                                                                                                            | 34016                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Entropy (8bit):                                                                                                                                                                                                                          | 6.1021284380541925                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Encrypted:                                                                                                                                                                                                                               | false                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SSDEEP:                                                                                                                                                                                                                                  | 384:JP7a6wQdSCVWSdoEdXjYmxzfkflwuWR7UPMEdxsTSIsBdMQJK2wKucYkcuHv3:N7a6eiHdFdr7W5UPMgy+OBG2X90uhV3                                                                                                                                                                                                                                                                                                                                               |
| MD5:                                                                                                                                                                                                                                     | 4FC7FC174E80C178225C2509027DF961                                                                                                                                                                                                                                                                                                                                                                                                                |
| SHA1:                                                                                                                                                                                                                                    | 9FF62413EC0DD462F5F016EBC804F1D736D24796                                                                                                                                                                                                                                                                                                                                                                                                        |
| SHA-256:                                                                                                                                                                                                                                 | 866B31DD39B97DEDAFD0FBD5672639EE91B47AD319C47816B4F6D01BFF93FF8C                                                                                                                                                                                                                                                                                                                                                                                |
| SHA-512:                                                                                                                                                                                                                                 | 29261B9ABC4AF2F51C05B61A37721BC737B411530361A4B48A7BFFAB0F8263EA75BFD51B6E6E94E91E1D02DC442B534C3334B05FD8324E7CF307FA08179A1ED9                                                                                                                                                                                                                                                                                                                |
| Malicious:                                                                                                                                                                                                                               | false                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Antivirus:                                                                                                                                                                                                                               | <ul style="list-style-type: none"><li>Antivirus: ReversingLabs, Detection: 0%</li></ul>                                                                                                                                                                                                                                                                                                                                                         |
| Preview:                                                                                                                                                                                                                                 | MZ.....@.....!..L!This program cannot be run in DOS mode...\$......Z.oPZ.oPZ.oPS..PR.oP..nQX.oP..jQK.oP..kQR.oP..lQX.oP)..nQY.oPZ.nPt.oP.fQY.oP..oQ[.oP..P[.oPZ..P[.oP..mQ[.oPRichZ.oP.....PE..d....5;a.....".....0.....F....`.....\.....].....H.....f.....H.....O..p.....@P.....@..p.....text.....0......`.rdata...#...@...\$.4.....@..@.data...@...p.....X.....@....pdata.....Z.....@...@.rsrc..H.....^.....@..@.reloc..H.....d.....@..B..... |

|                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Dykereeve\Jackbsningen\Telescopiform\Bestridende\Profetiske.Byg</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Process:                                                                                                                                | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| File Type:                                                                                                                              | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Category:                                                                                                                               | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Size (bytes):                                                                                                                           | 297815                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Entropy (8bit):                                                                                                                         | 6.803960139750454                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Encrypted:                                                                                                                              | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SSDEEP:                                                                                                                                 | 6144:J35PGszPFp+EB9h18KeMJwYQl/w+ByCHqLBmv:J3FGsz93N8Kp60Bg                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MD5:                                                                                                                                    | 12DF13549A2F50FB06EAAAC92D2F36C05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SHA1:                                                                                                                                   | 5E1CD0421664E97B44B2C26960F4D298DAED0C99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA-256:                                                                                                                                | 4EE38AAF3380FB3D7C4F57800A1692175C1D772E3A11028874CF2D8F5DC599F2                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SHA-512:                                                                                                                                | 6DD5811B457913D37B922904678A508A1762CDA447C195A660457B19D6302DB8E21586AFF0F22D41D73514CA926FEFE8554777EB558BD321ABF5B76C06527848                                                                                                                                                                                                                                                                                                                                                                                               |
| Malicious:                                                                                                                              | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preview:                                                                                                                                | .....T.....h.....@..KK.....[.....W.....b.....F.....DD.....WW.....[.....P.'.....hhh.....^^...JJ...x.....F.....aaa.....!.....!.....llll.....WW.i.....\.....q.22.....m...555.....m..7.k....m.....c.QQ.....cc.....?.xxx.....4.....^.....]..444.XX.....ggg.....].jjjjj..77.....bbb..<<.....++.....XX.....!!..qqq.....@.....eeee.....[.....00.A.....H.yyyyy..F.....kk.555.....lll...H.....ssss...MM..j.....G..^^.....~.....PP.....lll....}}....."".....)....UU...l.)).....++...%.....#####..hhh..^5.....(((.....n."".....zzzzzz..... |

|                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Dykereeve\Jackbsningen\Telescopiform\Bestridende\Sankekort.Sch209</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Process:                                                                                                                                  | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| File Type:                                                                                                                                | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Category:                                                                                                                                 | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Size (bytes):                                                                                                                             | 42836                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Entropy (8bit):                                                                                                                           | 4.578518141395867                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Encrypted:                                                                                                                                | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SSDEEP:                                                                                                                                   | 768:AGQ+v3ebyf4b4Yv6Dub2l+Mx83BMUBaPqblvcbylrf:NQ+WApD42MxBMMApQbZbYlrf                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MD5:                                                                                                                                      | 3DAD0F9AF0356D18A46167665A352768                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SHA1:                                                                                                                                     | E5D083D2224DE4FC9105CB966CF3A53F9BB7D3C0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-256:                                                                                                                                  | 8A124F4091887491B8FABE0C0C694B95C2D76F68FB4E9292C59FA5971074899C                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SHA-512:                                                                                                                                  | 7CD0CF5AF5B79A146F22A2D68CC3500AF6068F1BFA48B5730E2C2236201E4B6B7CCED4DBB9121A525F41FC63C07403D1CB40F9267FBF81C5FFC2CB4FA6221E98                                                                                                                                                                                                                                                                                                                                                                                                         |
| Malicious:                                                                                                                                | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preview:                                                                                                                                  | .....WWW.....T..00.....A.....>>>.lll.....NNNN.....&.....s.\$\$\$.....++.;;;.....TT.....l.o.....ll.....vv.....+.....V....'.>.....a.....y!...{{{.11.<...333.....6666...ee....._.....5.....88.....%<.....R.....]]]].....888.....a.n.C.....>.....P.....;.....HHH.....bb.....eee.....QQ.cc.`.....b.w.....~.....GGG...JJJ.U.....uu.VV...v..il.....FF.....K.....1.....44444...QQQ...//...w.....ll.....SS...(.....H.....B....OOOO....._...l.....}.//vvv...il.....~::~...EEE..MM.....L.@.@..G.....888.....)).....?.....FF.....DDDD.....@@@@@..... |





|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHA-256:   | DC1D54DAB6EC8C00F70137927504E4F222C8395F10760B6BEECFCA94E08249F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SHA-512:   | E0F50ACB6061744E825A4051765CEBF23E8C489B55B190739409D8A79BB08DAC8F919247A4E5F65A015EA9C57D326BBEF7EA045163915129E01F316C4958D949                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Malicious: | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preview:   | <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">...<html xmlns="http://www.w3.org/1999/xhtml">...<head>...<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"/>...<title>404 - File or directory not found.</title>...<style type="text/css">... ..body{margin:0;font-size:.7em;font-family:Verdana, Arial, Helvetica, sans-serif;background:#EEEEEE;}.fieldset{padding:0 15px 10px 15px;} ..h1{font-size:2.4em;margin:0;color:#FFF;}..h2{font-size:1.7em;margin:0;color:#CC0000;} ..h3{font-size:1.2em;margin:10px 0 0 0;color:#000000;} ..#header{width:96%;margin:0 0 0 0;padding:6px 2% 6px 2%;font-family:"trebuchet MS", Verdana, sans-serif;color:#FFF;..background-color:#555555;}.#content{margin:0 0 0 2%;position:relative;}...content-container{background:#FFF;width:96%;margin-top:8px;padding:10px;position:relative;}...</style>...</head>...<body>...<div id="header"><h1>Server Error</h1></div>...<div id="content">... <div class="co |

|                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\ebook-reader.png</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Process:                                                                                                            | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| File Type:                                                                                                          | PNG image data, 16 x 16, 8-bit/color RGBA, non-interlaced                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Category:                                                                                                           | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Size (bytes):                                                                                                       | 555                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Entropy (8bit):                                                                                                     | 7.499536740374189                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Encrypted:                                                                                                          | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SSDEEP:                                                                                                             | 12:6v/7anZhFxDEKwjAq0kaO/yvSL6T1pjNngLpzPanwmB9HE4JqSjF:5bDEPxdqKLmpqLdynw29kEqSZ                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MD5:                                                                                                                | BFF011148B773FA44B9A9BB029E8CC52                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA1:                                                                                                               | F2B838927E320D12649CEFDEA3AFE383C6650D7C                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SHA-256:                                                                                                            | B21DE7B432A7A67544D007ECC0FDD95F8E8C6129AF558A32102EE04C08635653                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA-512:                                                                                                            | A57C83AEE0E1F4C530D2F5B90589C31FD6E2FF8F62F998963284218FAC5EE164BCA7A619A9597DC3E2ECD0095A2CF04467E89EDF86700E1A90B3DF60B5121C9B                                                                                                                                                                                                                                                                                                                                                                       |
| Malicious:                                                                                                          | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preview:                                                                                                            | .PNG.....IHDR.....a.....IDATx.....A.....v...b.m.A..Q..Q..UD5.F.m.....fs{9}...V`....%7.)p..@.}...u466`6uu.tvv...N6....D"Q.....po";.4...W..g.b.\.~?...<.../.....\$.5.....r.+..ah...F;.H.'b ....4.[...k.6.<..Kk.m[h..x'...R...z{.H.....Oax.e.{.....w...c..._>..6..T"HY.1! e.#....G.....{.AB..l.K"..P(..j..\$.R.)L5.....@>.....X...hE....L..".L.....=~..7n.2.,RJ.01....B.AWW.. <q.....ng,. td="" z...+..nj.r.5.eb.p\$.!,,,.....sw.td+u...k...ee_..n*.[.~..1q..v#6..?;7..4..3....iend.b`.<=""></q.....ng,.> |

|                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\emblem-photos-symbolic.svg</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Process:                                                                                                                      | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| File Type:                                                                                                                    | SVG Scalable Vector Graphics image                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Category:                                                                                                                     | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Size (bytes):                                                                                                                 | 680                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Entropy (8bit):                                                                                                               | 5.109191824773878                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Encrypted:                                                                                                                    | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SSDEEP:                                                                                                                       | 12:t4CP5GEA9xI7jhz4AeW02KdTWjhz4AeW02KdTPqkoop4p:t4CBGEAgF4AeW0/N4AeW0/Zqg4p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MD5:                                                                                                                          | 379690952AAA576521D51249D404CBCD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA1:                                                                                                                         | 61A8A95B0454422AA47379CF983B99FFDD839439                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA-256:                                                                                                                      | EAD402FB0B85DB153356EC695016FD4F2C4031367D8ED6D1C1EF5FF4F28A8DE8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA-512:                                                                                                                      | 35B6BC866C3D02A2486D3447C82405103DE89D469407FE44A7009E714BBA57FBE601EEC939C3206ADB06FB31C4FD1D3822A0ED52A346ACFDE5908643432F92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Malicious:                                                                                                                    | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preview:                                                                                                                      | <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"><g color="#000" fill="#474747"><path d="M13 5v2h1v5H4v2h12V5z" style="line-height:normal;-inkscap e-font-specification:Sans;text-indent:0;text-align:start;text-decoration-line:none;text-transform:none;marker:none" font-weight="400" font-family="Sans" overflow="visible"/><path d="M0 2v9h12V2zm2 2h8v5H2z" style="line-height:normal;-inkscap e-font-specification:Sans;text-indent:0;text-align:start;text-decoration-line:none;text-transform:none;marker:none" font-weight="400" font-family="Sans" overflow="visible"/><path d="M3 7c2.32 1 3.045-1.66 6 0v1H3z" style="marker:none" overflow="visible" opacity=".35"/></g></svg> |

|                                                                                                                                      |                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\fumigatorium\Tertser\Omstrukturdnr\Tilrettelggelsernes\Gyrite\font-select-symbolic.symbolic.png</b> |                                                                                                                                  |
| Process:                                                                                                                             | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                             |
| File Type:                                                                                                                           | PNG image data, 16 x 16, 8-bit/color RGBA, non-interlaced                                                                        |
| Category:                                                                                                                            | dropped                                                                                                                          |
| Size (bytes):                                                                                                                        | 220                                                                                                                              |
| Entropy (8bit):                                                                                                                      | 6.546211943247282                                                                                                                |
| Encrypted:                                                                                                                           | false                                                                                                                            |
| SSDEEP:                                                                                                                              | 6:6v/lhPysde0C1jngP3V95D2tOA/RDvhpLUxbVp:6v/7jc1zi3Sr/hW                                                                         |
| MD5:                                                                                                                                 | C84EE7522C124892455BB09DEBCF9340                                                                                                 |
| SHA1:                                                                                                                                | AF87A2A5688346A3902762DD250328B7EF224620                                                                                         |
| SHA-256:                                                                                                                             | E0A3BD6FE1A1BAEFFE04BCA2980ADF755F888E31DCE3686B16C5DAC4202A38C8                                                                 |
| SHA-512:                                                                                                                             | 3BEED79366F15CD075781F677C0C9E84081D2189D1FB541A34AA25980B48701A3D93DC550E4ABEB550EFBE3167B1CAB8338E22F4603C6A71936876FBA75FAD58 |
| Malicious:                                                                                                                           | false                                                                                                                            |



|                                                                                  |                  |
|----------------------------------------------------------------------------------|------------------|
|  |                  |
| Icon Hash:                                                                       | 08c2b0d8cc64b046 |

| Static PE Info              |                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------|
| General                     |                                                                                           |
| Entrypoint:                 | 0x4031d6                                                                                  |
| Entrypoint Section:         | .text                                                                                     |
| Digitally signed:           | true                                                                                      |
| Imagebase:                  | 0x400000                                                                                  |
| Subsystem:                  | windows gui                                                                               |
| Image File Characteristics: | RELOCS_STRIPPED, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED, LOCAL_SYMS_STRIPPED, 32BIT_MACHINE |
| DLL Characteristics:        | DYNAMIC_BASE, NX_COMPAT, NO_SEH, TERMINAL_SERVER_AWARE                                    |
| Time Stamp:                 | 0x5A6FED2B [Tue Jan 30 03:57:31 2018 UTC]                                                 |
| TLS Callbacks:              |                                                                                           |
| CLR (.Net) Version:         |                                                                                           |
| OS Version Major:           | 4                                                                                         |
| OS Version Minor:           | 0                                                                                         |
| File Version Major:         | 4                                                                                         |
| File Version Minor:         | 0                                                                                         |
| Subsystem Version Major:    | 4                                                                                         |
| Subsystem Version Minor:    | 0                                                                                         |
| Import Hash:                | 3abe302b6d9a1256e6a915429af4ffd2                                                          |

| Authenticode Signature      |                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signature Valid:            | false                                                                                                                                                                   |
| Signature Issuer:           | E=Brooking183@Flydes25.Dyr, OU="Magtbalancerne Regnvejrsdagene Intensives ", O=Skizofren, L=Onalaska, S=Wisconsin, C=US                                                 |
| Signature Validation Error: | A certificate chain processed, but terminated in a root certificate which is not trusted by the trust provider                                                          |
| Error Number:               | -2146762487                                                                                                                                                             |
| Not Before, Not After       | <ul style="list-style-type: none"><li>05/02/2023 08:25:21 04/02/2026 08:25:21</li></ul>                                                                                 |
| Subject Chain               | <ul style="list-style-type: none"><li>E=Brooking183@Flydes25.Dyr, OU="Magtbalancerne Regnvejrsdagene Intensives ", O=Skizofren, L=Onalaska, S=Wisconsin, C=US</li></ul> |
| Version:                    | 3                                                                                                                                                                       |
| Thumbprint MD5:             | DE53E25C4A808A06A0CD944E65FB058D                                                                                                                                        |
| Thumbprint SHA-1:           | B1DD19494EAA53E29C92E68EB19E33CFABB34DE0                                                                                                                                |
| Thumbprint SHA-256:         | 12FF0462FE369CB81BB77B13ADFE3B705E7F71A5CFA614B370A8D6D63719C06F                                                                                                        |
| Serial:                     | 6CA44E753450CEC7C37D62FEA0B835456441D271                                                                                                                                |

| Entrypoint Preview                 |  |
|------------------------------------|--|
| Instruction                        |  |
| sub esp, 00000184h                 |  |
| push ebx                           |  |
| push esi                           |  |
| push edi                           |  |
| xor ebx, ebx                       |  |
| push 00008001h                     |  |
| mov dword ptr [esp+18h], ebx       |  |
| mov dword ptr [esp+10h], 00409198h |  |
| mov dword ptr [esp+20h], ebx       |  |
| mov byte ptr [esp+14h], 00000020h  |  |
| call dword ptr [004070A0h]         |  |
| call dword ptr [0040709Ch]         |  |
| and eax, BFFFFFFFh                 |  |
| cmp ax, 00000006h                  |  |
| mov dword ptr [0042370Ch], eax     |  |
| je 00007FA97059E073h               |  |
| push ebx                           |  |
| call 00007FA9705A114Ah             |  |
| cmp eax, ebx                       |  |

| Instruction                        |
|------------------------------------|
| je 00007FA97059E069h               |
| push 00000C00h                     |
| call eax                           |
| mov esi, 00407298h                 |
| push esi                           |
| call 00007FA9705A10C6h             |
| push esi                           |
| call dword ptr [00407098h]         |
| lea esi, dword ptr [esi+eax+01h]   |
| cmp byte ptr [esi], bl             |
| jne 00007FA97059E04Dh              |
| push 0000000Ah                     |
| call 00007FA9705A111Eh             |
| push 00000008h                     |
| call 00007FA9705A1117h             |
| push 00000006h                     |
| mov dword ptr [00423704h], eax     |
| call 00007FA9705A110Bh             |
| cmp eax, ebx                       |
| je 00007FA97059E071h               |
| push 0000001Eh                     |
| call eax                           |
| test eax, eax                      |
| je 00007FA97059E069h               |
| or byte ptr [0042370Fh], 00000040h |
| push ebp                           |
| call dword ptr [00407044h]         |
| push ebx                           |
| call dword ptr [00407288h]         |
| mov dword ptr [004237D8h], eax     |
| push ebx                           |
| lea eax, dword ptr [esp+38h]       |
| push 00000160h                     |
| push eax                           |
| push ebx                           |
| push 0041ECC8h                     |
| call dword ptr [00407178h]         |
| push 00409188h                     |

| Rich Headers                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------|
| <div> <div>Programming Language:</div> <div> <ul style="list-style-type: none"> <li>[EXP] VC++ 6.0 SP5 build 8804</li> </ul> </div> </div> |

| Data Directories                   |                 |              |               |
|------------------------------------|-----------------|--------------|---------------|
| Name                               | Virtual Address | Virtual Size | Is in Section |
| IMAGE_DIRECTORY_ENTRY_EXPORT       | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_IMPORT       | 0x7428          | 0xa0         | .rdata        |
| IMAGE_DIRECTORY_ENTRY_RESOURCE     | 0x36000         | 0xa3c0       | .rsrc         |
| IMAGE_DIRECTORY_ENTRY_EXCEPTION    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_SECURITY     | 0x51650         | 0xa18        |               |
| IMAGE_DIRECTORY_ENTRY_BASERELOC    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_DEBUG        | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_COPYRIGHT    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_GLOBALPTR    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_TLS          | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_LOAD_CONFIG  | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_IAT          | 0x7000          | 0x298        | .rdata        |
| IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT | 0x0             | 0x0          |               |

| Name                                 | Virtual Address | Virtual Size | Is in Section |
|--------------------------------------|-----------------|--------------|---------------|
| IMAGE_DIRECTORY_ENTRY_COM_DESCRIPTOR | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_RESERVED       | 0x0             | 0x0          |               |

| Sections |                 |              |          |          |                    |           |                    |                                                                           |
|----------|-----------------|--------------|----------|----------|--------------------|-----------|--------------------|---------------------------------------------------------------------------|
| Name     | Virtual Address | Virtual Size | Raw Size | Xored PE | ZLIB Complexity    | File Type | Entropy            | Characteristics                                                           |
| .text    | 0x1000          | 0x5f0d       | 0x6000   | False    | 0.6649169921875    | data      | 6.450520423955375  | IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_MEM_READ             |
| .rdata   | 0x7000          | 0x1248       | 0x1400   | False    | 0.4275390625       | data      | 5.007650149182371  | IMAGE_SCN_CNT_INITIALIZE D_DATA, IMAGE_SCN_MEM_READ                       |
| .data    | 0x9000          | 0x1a818      | 0x400    | False    | 0.6376953125       | data      | 5.129587811765307  | IMAGE_SCN_CNT_INITIALIZE D_DATA, IMAGE_SCN_MEM_READ, IMAGE_SCN_MEM_WRITE  |
| .ndata   | 0x24000         | 0x12000      | 0x0      | False    | 0                  | empty     | 0.0                | IMAGE_SCN_CNT_UNINITIALIZED_DATA, IMAGE_SCN_MEM_READ, IMAGE_SCN_MEM_WRITE |
| .rsrc    | 0x36000         | 0xa3c0       | 0xa400   | False    | 0.0760766006097561 | data      | 1.8822021165260459 | IMAGE_SCN_CNT_INITIALIZE D_DATA, IMAGE_SCN_MEM_READ                       |

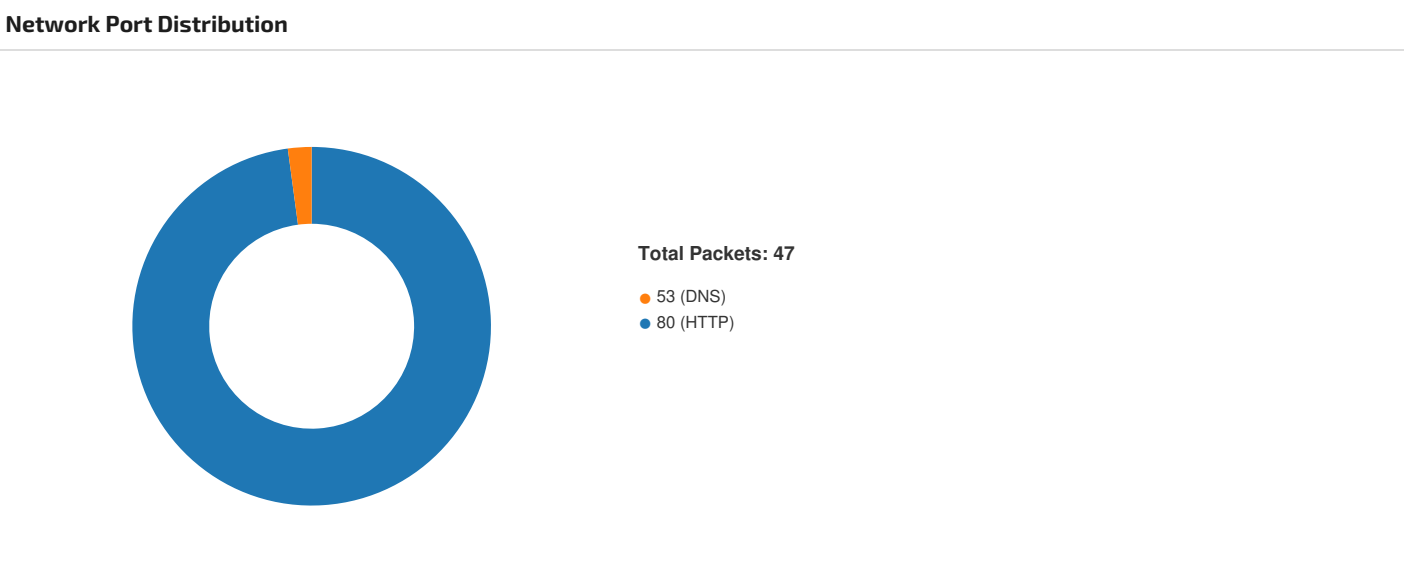
| Resources     |         |        |                                                                                    |          |               |
|---------------|---------|--------|------------------------------------------------------------------------------------|----------|---------------|
| Name          | RVA     | Size   | Type                                                                               | Language | Country       |
| RT_BITMAP     | 0x36268 | 0x368  | Device independent bitmap graphic, 96 x 16 x 4, image size 768                     | English  | United States |
| RT_ICON       | 0x365d0 | 0x94a8 | Device independent bitmap graphic, 96 x 192 x 32, image size 0                     | English  | United States |
| RT_DIALOG     | 0x3fa78 | 0x144  | data                                                                               | English  | United States |
| RT_DIALOG     | 0x3fbc0 | 0x13c  | data                                                                               | English  | United States |
| RT_DIALOG     | 0x3fd00 | 0x120  | data                                                                               | English  | United States |
| RT_DIALOG     | 0x3fe20 | 0x11c  | data                                                                               | English  | United States |
| RT_DIALOG     | 0x3ff40 | 0xc4   | data                                                                               | English  | United States |
| RT_DIALOG     | 0x40008 | 0x60   | data                                                                               | English  | United States |
| RT_GROUP_ICON | 0x40068 | 0x14   | data                                                                               | English  | United States |
| RT_MANIFEST   | 0x40080 | 0x33e  | XML 1.0 document, ASCII text, with very long lines (830), with no line terminators | English  | United States |

| Imports      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DLL          | Import                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| KERNEL32.dll | GetTempPathA, GetFileSize, GetModuleFileNameA, GetCurrentProcess, CopyFileA, ExitProcess, SetEnvironmentVariableA, Sleep, GetTickCount, GetCommandLineA, IstrlenA, GetVersion, SetErrorMode, IstrcpynA, GetDiskFreeSpaceA, GlobalUnlock, GetWindowsDirectoryA, SetCurrentDirectoryA, GetLastError, CreateDirectoryA, CreateProcessA, RemoveDirectoryA, CreateFileA, GetTempFileNameA, ReadFile, WriteFile, IstrcpyA, MoveFileExA, Istrcata, GetSystemDirectoryA, GetProcAddress, GetExitCodeProcess, WaitForSingleObject, CompareFileTime, SetFileAttributesA, GetFileAttributesA, GetShortPathNameA, MoveFileA, GetFullPathNameA, SetFileTime, SearchPathA, CloseHandle, IstrcmpiA, CreateThread, GlobalLock, IstrcmpA, FindFirstFileA, FindNextFileA, DeleteFileA, SetFilePointer, GetPrivateProfileStringA, FindClose, MultiByteToWideChar, FreeLibrary, MulDiv, WritePrivateProfileStringA, LoadLibraryExA, GetModuleHandleA, GlobalAlloc, GlobalFree, ExpandEnvironmentStringsA |
| USER32.dll   | ScreenToClient, GetSystemMenu, SetClassLongA, IsWindowEnabled, SetWindowPos, GetSysColor, GetWindowLongA, SetCursor, LoadCursorA, CheckDlgButton, GetMessagePos, LoadBitmapA, CallWindowProcA, IsWindowVisible, CloseClipboard, SetClipboardData, EmptyClipboard, PostQuitMessage, GetWindowRect, EnableMenuItem, CreatePopupMenu, GetSystemMetrics, SetDlgItemTextA, GetDlgItemTextA, MessageBoxIndirectA, CharPrevA, DispatchMessageA, PeekMessageA, ReleaseDC, EnableWindow, InvalidateRect, SendMessageA, DefWindowProcA, BeginPaint, GetClientRect, FillRect, DrawTextA, EndDialog, RegisterClassA, SystemParametersInfoA, CreateWindowExA, GetClassInfoA, DialogBoxParamA, CharNextA, ExitWindowsEx, GetDC, CreateDialogParamA, SetTimer, GetDlgItem, SetWindowLongA, SetForegroundWindow, LoadImageA, IsWindow, SendMessageTimeoutA, FindWindowExA, OpenClipboard, TrackPopupMenu, AppendMenuA, EndPaint, DestroyWindow, wsprintfA, ShowWindow, SetWindowTextA                |
| GDI32.dll    | SelectObject, SetBkMode, CreateFontIndirectA, SetTextColor, DeleteObject, GetDeviceCaps, CreateBrushIndirect, SetBkColor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHELL32.dll  | SHGetSpecialFolderLocation, ShellExecuteExA, SHGetPathFromIDListA, SHBrowseForFolderA, SHGetFileInfoA, SHFileOperationA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ADVAPI32.dll | AdjustTokenPrivileges, RegCreateKeyExA, RegOpenKeyExA, SetFileSecurityA, OpenProcessToken, LookupPrivilegeValueA, RegEnumValueA, RegDeleteKeyA, RegDeleteValueA, RegCloseKey, RegSetValueExA, RegQueryValueExA, RegEnumKeyA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| COMCTL32.dll | ImageList_Create, ImageList_AddMasked, ImageList_Destroy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ole32.dll    | OleUninitialize, OleInitialize, CoTaskMemFree, CoCreateInstance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Possible Origin                |                                  |                                                                                     |
|--------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| Language of compilation system | Country where language is spoken | Map                                                                                 |
| English                        | United States                    |  |

## Network Behavior

| Snort IDS Alerts                                                              |          |         |                                                                        |             |           |               |                |
|-------------------------------------------------------------------------------|----------|---------|------------------------------------------------------------------------|-------------|-----------|---------------|----------------|
| Timestamp                                                                     | Protocol | SID     | Message                                                                | Source Port | Dest Port | Source IP     | Dest IP        |
| 192.168.11.20185.246.22<br>0.8549802802024317<br>03/17/23-<br>20:59:19.936439 | TCP      | 2024317 | ET TROJAN LokiBot Application/Credential Data Exfiltration Detected M2 | 49802       | 80        | 192.168.11.20 | 185.246.220.85 |
| 192.168.11.20185.246.22<br>0.8549802802024312<br>03/17/23-<br>20:59:19.936439 | TCP      | 2024312 | ET TROJAN LokiBot Application/Credential Data Exfiltration Detected M1 | 49802       | 80        | 192.168.11.20 | 185.246.220.85 |
| 192.168.11.20185.246.22<br>0.8549802802825766<br>03/17/23-<br>20:59:19.936439 | TCP      | 2825766 | ETPRO TROJAN LokiBot Checkin M2                                        | 49802       | 80        | 192.168.11.20 | 185.246.220.85 |
| 192.168.11.20185.246.22<br>0.8549802802021641<br>03/17/23-<br>20:59:19.936439 | TCP      | 2021641 | ET TROJAN LokiBot User-Agent (Charon/Inferno)                          | 49802       | 80        | 192.168.11.20 | 185.246.220.85 |
| 192.168.11.20185.246.22<br>0.8549802802025381<br>03/17/23-<br>20:59:19.936439 | TCP      | 2025381 | ET TROJAN LokiBot Checkin                                              | 49802       | 80        | 192.168.11.20 | 185.246.220.85 |



| TCP Packets                         |             |           |               |               |
|-------------------------------------|-------------|-----------|---------------|---------------|
| Timestamp                           | Source Port | Dest Port | Source IP     | Dest IP       |
| Mar 17, 2023 20:59:17.882953882 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.884468079 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.926943064 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.927155972 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.928247929 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.970037937 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.974704027 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.974900007 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |

| Timestamp                           | Source Port | Dest Port | Source IP     | Dest IP       |
|-------------------------------------|-------------|-----------|---------------|---------------|
| Mar 17, 2023 20:59:18.975447893 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.975519896 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.975660086 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.975795031 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.975795031 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.975904942 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.975996971 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.976087093 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.976142883 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.976171970 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.976231098 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.976269007 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.976329088 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:18.976335049 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.976403952 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:18.976511002 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.016927004 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.016976118 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.017230988 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.018229961 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.018277884 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.018404961 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.018404961 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.018515110 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.018558025 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.018759012 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.019373894 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.019419909 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.019608021 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.019623995 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.019679070 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.019730091 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.019830942 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.019870043 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.019968987 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.020008087 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.020052910 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.020090103 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.020126104 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.020353079 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.020384073 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.020433903 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.020549059 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.020648956 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.020739079 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.059221983 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.059319973 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.059377909 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.059433937 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.059453011 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.059521914 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.059623957 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.059782028 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.060463905 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.060560942 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.060620070 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.060698032 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.060733080 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.060751915 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |

| Timestamp                           | Source Port | Dest Port | Source IP     | Dest IP       |
|-------------------------------------|-------------|-----------|---------------|---------------|
| Mar 17, 2023 20:59:19.060791016 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.060844898 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.060903072 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.060905933 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.061070919 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.061120033 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.061170101 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.061417103 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.061604023 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.061774969 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.061860085 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.061928034 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.062057972 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.062093973 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.062107086 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.062211990 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.062289953 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.062321901 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.062473059 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.062473059 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.062524080 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.062683105 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.062753916 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.062870026 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.062887907 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.063028097 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.063091993 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.063224077 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.063230991 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.063379049 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.063426018 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |
| Mar 17, 2023 20:59:19.063541889 CET | 80          | 49801     | 85.95.248.49  | 192.168.11.20 |
| Mar 17, 2023 20:59:19.063590050 CET | 49801       | 80        | 192.168.11.20 | 85.95.248.49  |

| UDP Packets                         |             |           |               |               |
|-------------------------------------|-------------|-----------|---------------|---------------|
| Timestamp                           | Source Port | Dest Port | Source IP     | Dest IP       |
| Mar 17, 2023 20:59:17.661098003 CET | 60369       | 53        | 192.168.11.20 | 9.9.9.9       |
| Mar 17, 2023 20:59:17.877599955 CET | 53          | 60369     | 9.9.9.9       | 192.168.11.20 |

| DNS Queries                         |               |         |          |                    |                    |                |             |                |
|-------------------------------------|---------------|---------|----------|--------------------|--------------------|----------------|-------------|----------------|
| Timestamp                           | Source IP     | Dest IP | Trans ID | OP Code            | Name               | Type           | Class       | DNS over HTTPS |
| Mar 17, 2023 20:59:17.661098003 CET | 192.168.11.20 | 9.9.9.9 | 0xa637   | Standard query (0) | ruhsalgeli sim.com | A (IP address) | IN (0x0001) | false          |

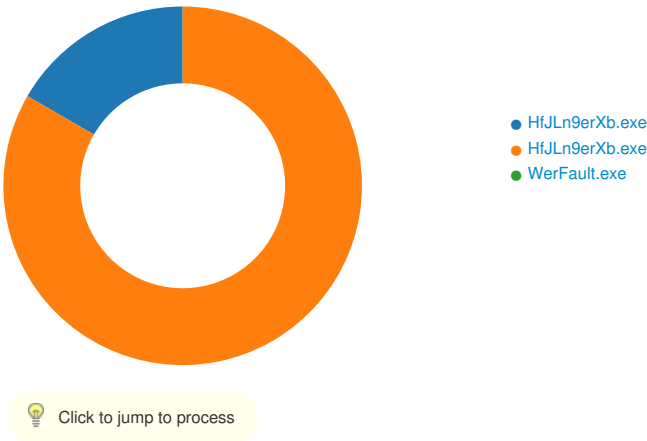
| DNS Answers                         |           |               |          |              |                    |       |              |                |             |                |
|-------------------------------------|-----------|---------------|----------|--------------|--------------------|-------|--------------|----------------|-------------|----------------|
| Timestamp                           | Source IP | Dest IP       | Trans ID | Reply Code   | Name               | CName | Address      | Type           | Class       | DNS over HTTPS |
| Mar 17, 2023 20:59:17.877599955 CET | 9.9.9.9   | 192.168.11.20 | 0xa637   | No error (0) | ruhsalgeli sim.com |       | 85.95.248.49 | A (IP address) | IN (0x0001) | false          |

| HTTP Request Dependency Graph |
|-------------------------------|
|-------------------------------|

- ruhsalgelisim.com
- 185.246.220.85

Statistics

Behavior



System Behavior

Analysis Process: HfJLn9erXb.exe PID: 8604, Parent PID: 4844

| General                       |                                                                                                                                                                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 2                                                                                                                                                                                                                                         |
| Start time:                   | 20:58:43                                                                                                                                                                                                                                  |
| Start date:                   | 17/03/2023                                                                                                                                                                                                                                |
| Path:                         | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                                                                                                                                      |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                      |
| Commandline:                  | C:\Users\user\Desktop\HfJLn9erXb.exe                                                                                                                                                                                                      |
| Imagebase:                    | 0x400000                                                                                                                                                                                                                                  |
| File size:                    | 335976 bytes                                                                                                                                                                                                                              |
| MD5 hash:                     | 049ECAD4587538C292E3EBEEE5947EB5                                                                                                                                                                                                          |
| Has elevated privileges:      | true                                                                                                                                                                                                                                      |
| Has administrator privileges: | true                                                                                                                                                                                                                                      |
| Programmed in:                | C, C++ or other language                                                                                                                                                                                                                  |
| Yara matches:                 | <ul style="list-style-type: none"><li>• Rule: JoeSecurity_GuLoader_2, Description: Yara detected GuLoader, Source: 00000002.00000002.1379713929.000000000348C000.00000040.00001000.00020000.00000000.sdmp, Author: Joe Security</li></ul> |
| Reputation:                   | low                                                                                                                                                                                                                                       |

| File Activities                                                                     |      |      |      |            |       |                |        |
|-------------------------------------------------------------------------------------|------|------|------|------------|-------|----------------|--------|
| Registry Activities                                                                 |      |      |      |            |       |                |        |
| There is hidden Windows Behavior. Click on <b>Show Windows Behavior</b> to show it. |      |      |      |            |       |                |        |
| Key Path                                                                            |      |      |      | Completion | Count | Source Address | Symbol |
| Key Path                                                                            | Name | Type | Data | Completion | Count | Source Address | Symbol |

**Analysis Process: HfJLn9erXb.exe** PID: 2912, Parent PID: 8604

**General**

|                               |                                      |
|-------------------------------|--------------------------------------|
| Target ID:                    | 7                                    |
| Start time:                   | 20:59:04                             |
| Start date:                   | 17/03/2023                           |
| Path:                         | C:\Users\user\Desktop\HfJLn9erXb.exe |
| Wow64 process (32bit):        | true                                 |
| Commandline:                  | C:\Users\user\Desktop\HfJLn9erXb.exe |
| Imagebase:                    | 0x400000                             |
| File size:                    | 335976 bytes                         |
| MD5 hash:                     | 049ECAD4587538C292E3EBEEE5947EB5     |
| Has elevated privileges:      | true                                 |
| Has administrator privileges: | true                                 |
| Programmed in:                | C, C++ or other language             |
| Reputation:                   | low                                  |

**File Activities**

**File Created**

| File Path                                       | Access                                                       | Attributes | Options                                                                                | Completion      | Count | Source Address | Symbol           |
|-------------------------------------------------|--------------------------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Roaming\5D4ACB            | read data or list directory   synchronize                    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait | 1     | 403C8D         | CreateDirectoryW |
| C:\Users\user\AppData\Roaming\5D4ACB\B73EF6.lck | read attributes   synchronize   generic read   generic write | device     | synchronous io non alert   non directory file                                          | success or wait | 1     | 4042FB         | CreateFileW      |

| File Path | Completion | Count | Source Address | Symbol |
|-----------|------------|-------|----------------|--------|
|-----------|------------|-------|----------------|--------|

**File Written**

| File Path                                       | Offset | Length | Value | Ascii | Completion      | Count | Source Address | Symbol    |
|-------------------------------------------------|--------|--------|-------|-------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Roaming\5D4ACB\B73EF6.lck | 0      | 1      | 31    | 1     | success or wait | 1     | 404336         | WriteFile |

**File Read**

| File Path                                                                          | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|------------------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Users\user\AppData\Local\Google\Chrome\User Data\Default\Login Data             | unknown | 45056  | success or wait | 1     | 40415C         | ReadFile |
| C:\Users\user\AppData\Local\Microsoft\Credentials\93CE54EBD72B5E2187F75E8118A14612 | unknown | 3920   | success or wait | 1     | 40415C         | ReadFile |

**Analysis Process: WerFault.exe** PID: 6848, Parent PID: 2912

**General**

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Target ID:                    | 18                                                  |
| Start time:                   | 20:59:21                                            |
| Start date:                   | 17/03/2023                                          |
| Path:                         | C:\Windows\SysWOW64\WerFault.exe                    |
| Wow64 process (32bit):        | true                                                |
| Commandline:                  | C:\Windows\SysWOW64\WerFault.exe -u -p 2912 -s 1368 |
| Imagebase:                    | 0x3e0000                                            |
| File size:                    | 482640 bytes                                        |
| MD5 hash:                     | 40A149513D721F096DDF50C04DA2F01F                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |

|                |                          |
|----------------|--------------------------|
| Programmed in: | C, C++ or other language |
| Reputation:    | moderate                 |

**File Activities**

There is hidden Windows Behavior. Click on **Show Windows Behavior** to show it.

| File Path | Access | Attributes | Options | Completion | Count | Source Address | Symbol |
|-----------|--------|------------|---------|------------|-------|----------------|--------|
|-----------|--------|------------|---------|------------|-------|----------------|--------|

**Disassembly**

 No disassembly