

JoeSandbox Cloud BASIC



**ID:** 626424

**Sample Name:**

SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.17207

**Cookbook:** default.jbs

**Time:** 00:37:34

**Date:** 14/05/2022

**Version:** 34.0.0 Boulder Opal

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# Windows Analysis Report

SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.17207

## Overview

### General Information

|              |                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------|
| Sample Name: | SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.17207 (renamed file extension from 17207 to exe) |
| Analysis ID: | 626424                                                                                        |
| MD5:         | 14848f52302c15...                                                                             |
| SHA1:        | 04d62d915bd1a8.                                                                               |
| SHA256:      | 4ac982ea35522a..                                                                              |
| Tags:        | exe                                                                                           |
| Infos:       |                                                                                               |
|              |                                                                                               |

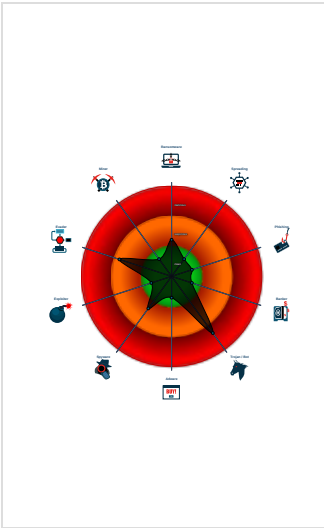
### Detection

|                                                                                        |         |
|----------------------------------------------------------------------------------------|---------|
| <div><div>MALICIOUS</div><div>SUSPICIOUS</div><div>CLEAN</div><div>UNKNOWN</div></div> |         |
| <div>FormBook</div>                                                                    |         |
| Score:                                                                                 | 84      |
| Range:                                                                                 | 0 - 100 |
| Whitelisted:                                                                           | false   |
| Confidence:                                                                            | 100%    |

### Signatures

|                                        |
|----------------------------------------|
| Found malware configuration            |
| Multi AV Scanner detection for subm... |
| Yara detected FormBook                 |
| Malicious sample detected (through...  |
| Multi AV Scanner detection for drop... |
| C2 URLs / IPs found in malware con...  |
| Uses 32bit PE files                    |
| Yara signature match                   |
| Antivirus or Machine Learning detec... |
| Extensive use of GetProcAddress (...)  |
| PE file contains strange resources     |
| Drops PE files                         |

### Classification



## Process Tree

|                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▪ System is w10x64                                                                                                                                                                      |
| •  SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe (PID: 5944 cmdline: "C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe" MD5: 14848F52302C15E27B26FEE5FADA11C1) |
| •  miylwnpd.exe (PID: 3908 cmdline: C:\Users\user\AppData\Local\Temp\miylwnpd.exe C:\Users\user\AppData\Local\Temp\zehirtbl MD5: FF4C2F4D6E1FA34E8B958993C0DE134D)                      |
| •  miylwnpd.exe (PID: 1900 cmdline: C:\Users\user\AppData\Local\Temp\miylwnpd.exe C:\Users\user\AppData\Local\Temp\zehirtbl MD5: FF4C2F4D6E1FA34E8B958993C0DE134D)                      |
| ▪ cleanup                                                                                                                                                                               |

## Malware Configuration

Threatname: FormBook

```

{
  "C2 list": [
    "www.beamaster.info/p0ip/"
  ],
  "decoy": [
    "webberkerr.com",
    "lelezhuanhu.xyz",
    "weedformellc.com",
    "ikzoekeenbedrijfsruimte.com",
    "swahlove.com",
    "dubaidesertsafari.travel",
    "atozmedicalimages.com",
    "uniytriox.com",
    "clickyourcat.com",
    "shandun-safety.com",
    "palmart.center",
    "roxxiesixx.com",
    "twistedtaqueriachicago.com",
    "studynursingaustralia.online",
    "wellnesstestinggroup.com",
    "justusebias.com",
    "yqvzs.com",
    "co1l7o8vy.com",
    "lightning.legal",
    "cardamagescanner.com",
    "megawatchinc.com",
    "sadebadenli.com",
    "bcoky.com",
    "unleashingyou-lifecoaching.com",
    "epsubtitles.online",
    "susanpetersonrealty.com",
    "gdderui.com",
    "claris-studio.cloud",
    "cryptomnis.com",
    "iens.domains",
    "localbusinessassets.com",
    "et9n7e4vf.com",
    "quoteypants.com",
    "bokepremaja18.biz",
    "xiangqinmao.com",
    "lilot-pland45.site",
    "exilings.com",
    "nft-id.net",
    "sport-outdoorpacks.com",
    "plnykosik.online",
    "cidesadelcentro.com",
    "stunning-black.xyz",
    "zoeyunker.com",
    "videogamesgroup.com",
    "autodnstest.com",
    "bookworms.store",
    "69817269.com",
    "one-session22-lp.com",
    "modelofindia.com",
    "kennnyshands.com",
    "otopenishop.net",
    "freegameswithoutdownload.online",
    "alaskanwave.net",
    "tjkt8.com",
    "abv.wiki",
    "protoncarsale.com",
    "zhipurc.com",
    "psicologamoderna.com",
    "hidinginplainsight.digital",
    "cuamini-trankien.xyz",
    "yustunning.com",
    "apeironpay.xyz",
    "allowdrops.xyz",
    "allyouneedstore.xyz"
  ]
}

```

| Yara Signatures                                                                       |                       |                                                    |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory Dumps                                                                          |                       |                                                    |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source                                                                                | Rule                  | Description                                        | Author                                               | Strings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 00000001.00000002.233653327.0000000002CB0000.0000004.00001000.00020000.00000000.sdump | JoeSecurity_Form Book | Yara detected FormBook                             | Joe Security                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 00000001.00000002.233653327.0000000002CB0000.0000004.00001000.00020000.00000000.sdump | Formbook_1            | autogenerated rule brought to you by yara-signator | Felix Bilstein - yara-signator at cocacoding dot com | <ul style="list-style-type: none"> <li>0x8c08:\$sequence_0: 03 C8 0F 31 2B C1 89 45 FC</li> <li>0x8f92:\$sequence_0: 03 C8 0F 31 2B C1 89 45 FC</li> <li>0x16335:\$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94</li> <li>0x15de1:\$sequence_2: 3B 4F 14 73 95 85 C9 74 91</li> <li>0x16437:\$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F</li> <li>0x165af:\$sequence_4: 5D C3 8D 50 7C 80 FA 07</li> <li>0x99aa:\$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 8 3 E3 0F C1 EA 06</li> <li>0x1505c:\$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8</li> <li>0xa722:\$sequence_7: 66 89 0C 02 5B 8B E5 5D</li> <li>0x1b987:\$sequence_8: 3C 54 74 04 3C 74 75 F4</li> <li>0x1ca8a:\$sequence_9: 56 68 03 01 00 00 8D 85 95 FE F F FF 6A 00</li> </ul> |
| 00000001.00000002.233653327.0000000002CB0000.0000004.00001000.00020000.00000000.sdump | Formbook              | detect Formbook in memory                          | JPCERT/CC Incident Response Group                    | <ul style="list-style-type: none"> <li>0x18809:\$sqlite3step: 68 34 1C 7B E1</li> <li>0x1891c:\$sqlite3step: 68 34 1C 7B E1</li> <li>0x18838:\$sqlite3text: 68 38 2A 90 C5</li> <li>0x1895d:\$sqlite3text: 68 38 2A 90 C5</li> <li>0x1884b:\$sqlite3blob: 68 53 D8 7F 8C</li> <li>0x18973:\$sqlite3blob: 68 53 D8 7F 8C</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                          |

| Unpacked PEs                         |                       |                                                    |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------|-----------------------|----------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Source                               | Rule                  | Description                                        | Author                                               | Strings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1.2.miylnpd.exe.2cb0000.1.unpack     | JoeSecurity_Form Book | Yara detected FormBook                             | Joe Security                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1.2.miylnpd.exe.2cb0000.1.unpack     | Formbook_1            | autogenerated rule brought to you by yara-signator | Felix Bilstein - yara-signator at cocacoding dot com | <ul style="list-style-type: none"> <li>0x7e08:\$sequence_0: 03 C8 0F 31 2B C1 89 45 FC</li> <li>0x8192:\$sequence_0: 03 C8 0F 31 2B C1 89 45 FC</li> <li>0x15535:\$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94</li> <li>0x14fe1:\$sequence_2: 3B 4F 14 73 95 85 C9 74 91</li> <li>0x15637:\$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F</li> <li>0x157af:\$sequence_4: 5D C3 8D 50 7C 80 FA 07</li> <li>0x8baa:\$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 8 3 E3 0F C1 EA 06</li> <li>0x1425c:\$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8</li> <li>0x9922:\$sequence_7: 66 89 0C 02 5B 8B E5 5D</li> <li>0x1ab87:\$sequence_8: 3C 54 74 04 3C 74 75 F4</li> <li>0x1bc8a:\$sequence_9: 56 68 03 01 00 00 8D 85 95 FE F F FF 6A 00</li> </ul> |
| 1.2.miylnpd.exe.2cb0000.1.unpack     | Formbook              | detect Formbook in memory                          | JPCERT/CC Incident Response Group                    | <ul style="list-style-type: none"> <li>0x17a09:\$sqlite3step: 68 34 1C 7B E1</li> <li>0x17b1c:\$sqlite3step: 68 34 1C 7B E1</li> <li>0x17a38:\$sqlite3text: 68 38 2A 90 C5</li> <li>0x17b5d:\$sqlite3text: 68 38 2A 90 C5</li> <li>0x17a4b:\$sqlite3blob: 68 53 D8 7F 8C</li> <li>0x17b73:\$sqlite3blob: 68 53 D8 7F 8C</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1.2.miylnpd.exe.2cb0000.1.raw.unpack | JoeSecurity_Form Book | Yara detected FormBook                             | Joe Security                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1.2.miylnpd.exe.2cb0000.1.raw.unpack | Formbook_1            | autogenerated rule brought to you by yara-signator | Felix Bilstein - yara-signator at cocacoding dot com | <ul style="list-style-type: none"> <li>0x8c08:\$sequence_0: 03 C8 0F 31 2B C1 89 45 FC</li> <li>0x8f92:\$sequence_0: 03 C8 0F 31 2B C1 89 45 FC</li> <li>0x16335:\$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94</li> <li>0x15de1:\$sequence_2: 3B 4F 14 73 95 85 C9 74 91</li> <li>0x16437:\$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F</li> <li>0x165af:\$sequence_4: 5D C3 8D 50 7C 80 FA 07</li> <li>0x99aa:\$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 8 3 E3 0F C1 EA 06</li> <li>0x1505c:\$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8</li> <li>0xa722:\$sequence_7: 66 89 0C 02 5B 8B E5 5D</li> <li>0x1b987:\$sequence_8: 3C 54 74 04 3C 74 75 F4</li> <li>0x1ca8a:\$sequence_9: 56 68 03 01 00 00 8D 85 95 FE F F FF 6A 00</li> </ul> |
| Click to see the 1 entries           |                       |                                                    |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Sigma Signatures

No Sigma rule has matched

## Snort Signatures

No Snort rule has matched

## Joe Sandbox Signatures

### AV Detection



Found malware configuration

Multi AV Scanner detection for submitted file

Yara detected FormBook

Multi AV Scanner detection for dropped file

### Networking



C2 URLs / IPs found in malware configuration

### E-Banking Fraud



Yara detected FormBook

### System Summary



Malicious sample detected (through community Yara rule)

### Stealing of Sensitive Information



Yara detected FormBook

### Remote Access Functionality



Yara detected FormBook

## 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   | 2<br><a href="#">Command and Scripting Interpreter</a> | Path Interception                    | 1<br><a href="#">Access Token Manipulation</a> | 1<br><a href="#">Access Token Manipulation</a>       | OS Credential Dumping    | 1<br><a href="#">System Time Discovery</a>         | Remote Services          | 1<br><a href="#">Archive Collected Data</a> | Exfiltration Over Other Network Medium | 1<br><a href="#">Encrypted Channel</a>          | Eavesdrop on Insecure Network Communication | Remotely Track Device Without Authorization | 1<br><a href="#">System Shutdown/Reboot</a> |
| Default Accounts | 1<br><a href="#">Native API</a>                        | Boot or Logon Initialization Scripts | 1 1<br><a href="#">Process Injection</a>       | 1 1<br><a href="#">Process Injection</a>             | LSASS Memory             | 1 3<br><a href="#">Security Software Discovery</a> | Remote Desktop Protocol  | 1<br><a href="#">Clipboard Data</a>         | Exfiltration Over Bluetooth            | 1<br><a href="#">Application Layer Protocol</a> | Exploit SS7 to Redirect Phone Calls/SMS     | Remotely Wipe Data Without Authorization    | Device Lockout                              |
| Domain Accounts  | At (Linux)                                             | Logon Script (Windows)               | Logon Script (Windows)                         | 1<br><a href="#">Obfuscated Files or Information</a> | Security Account Manager | 2<br><a href="#">File and Directory Discovery</a>  | SMB/Windows Admin Shares | Data from Network Shared Drive              | Automated Exfiltration                 | Steganography                                   | Exploit SS7 to Track Device Location        | Obtain Device Cloud Backups                 | Delete Device Data                          |





## Antivirus, Machine Learning and Genetic Malware Detection

### Initial Sample

| Source                                           | Detection | Scanner       | Label              | Link                   |
|--------------------------------------------------|-----------|---------------|--------------------|------------------------|
| SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe | 41%       | Virustotal    |                    | <a href="#">Browse</a> |
| SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe | 34%       | ReversingLabs | Win32.Trojan.Nsisx |                        |

### Dropped Files

| Source                                        | Detection | Scanner       | Label              | Link                   |
|-----------------------------------------------|-----------|---------------|--------------------|------------------------|
| C:\Users\user\AppData\Local\Temp\miylwnpd.exe | 20%       | Virustotal    |                    | <a href="#">Browse</a> |
| C:\Users\user\AppData\Local\Temp\miylwnpd.exe | 24%       | ReversingLabs | Win32.Trojan.Midie |                        |

### Unpacked PE Files

| Source                            | Detection | Scanner | Label              | Link | Download                      |
|-----------------------------------|-----------|---------|--------------------|------|-------------------------------|
| 1.2.miylwnpd.exe.2cb0000.1.unpack | 100%      | Avira   | TR/Crypt.ZPACK.Gen |      | <a href="#">Download File</a> |

### Domains

No Antivirus matches

| URLs                     |           |                 |       |      |
|--------------------------|-----------|-----------------|-------|------|
| Source                   | Detection | Scanner         | Label | Link |
| www.beamaster.info/p0ip/ | 0%        | Avira URL Cloud | safe  |      |

| Domains and IPs                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| <div> <div>Contacted Domains</div> <div> <div></div> <div>No contacted domains info</div> </div> </div> |

| Contacted URLs           |           |                                                                         |            |
|--------------------------|-----------|-------------------------------------------------------------------------|------------|
| Name                     | Malicious | Antivirus Detection                                                     | Reputation |
| www.beamaster.info/p0ip/ | true      | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul> | low        |

| URLs from Memory and Binaries      |                                                  |           |                     |            |
|------------------------------------|--------------------------------------------------|-----------|---------------------|------------|
| Name                               | Source                                           | Malicious | Antivirus Detection | Reputation |
| http://nsis.sf.net/NSIS_ErrorError | SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe | false     |                     | high       |

| World Map of Contacted IPs                                |
|-----------------------------------------------------------|
| <div> <div></div> <div>No contacted IP infos</div> </div> |

| General Information                                |                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version:                               | 34.0.0 Boulder Opal                                                                                                                                                              |
| Analysis ID:                                       | 626424                                                                                                                                                                           |
| Start date and time: 14/05/202200:37:34            | 2022-05-14 00:37:34 +02:00                                                                                                                                                       |
| Joe Sandbox Product:                               | CloudBasic                                                                                                                                                                       |
| Overall analysis duration:                         | 0h 4m 54s                                                                                                                                                                        |
| Hypervisor based Inspection enabled:               | false                                                                                                                                                                            |
| Report type:                                       | light                                                                                                                                                                            |
| Sample file name:                                  | SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.17207 (renamed file extension from 17207 to exe)                                                                                    |
| Cookbook file name:                                | default.jbs                                                                                                                                                                      |
| Analysis system description:                       | Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211                                                              |
| Number of analysed new started processes analysed: | 22                                                                                                                                                                               |
| 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                                                                                                                                                                          |
| Detection:                                         | MAL                                                                                                                                                                              |
| Classification:                                    | mal84.troj.winEXE@5/4@0/0                                                                                                                                                        |
| EGA Information:                                   | <ul style="list-style-type: none"> <li>Successful, ratio: 100%</li> </ul>                                                                                                        |
| HDC Information:                                   | <ul style="list-style-type: none"> <li>Successful, ratio: 99.8% (good quality ratio 94.3%)</li> <li>Quality average: 83.4%</li> <li>Quality standard deviation: 27.2%</li> </ul> |
| HCA Information:                                   | <ul style="list-style-type: none"> <li>Successful, ratio: 100%</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>Adjust boot time</li> <li>Enable AMSI</li> </ul>                                                                                          |

## Warnings

- Exclude process from analysis (whitelisted): BackgroundTransferHost.exe, backgroundTaskHost.exe, svchost.exe, wuapihost.exe
- Excluded IPs from analysis (whitelisted): 23.211.6.115
- Excluded domains from analysis (whitelisted): ris.api.iris.microsoft.com, e12564.dspb.akamaiedge.net, fs.microsoft.com, login.live.com, store-images.s-microsoft.com, sls.update.microsoft.com, store-images.s-microsoft.com-c.edgekey.net, displaycatalog.mp.microsoft.com, img-prod-cms-rt-microsoft-com.akamaized.net, arc.msn.com

## 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\miylwnpd.exe  

|                 |                                                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe                                                                                         |
| File Type:      | PE32 executable (GUI) Intel 80386, for MS Windows                                                                                                              |
| Category:       | dropped                                                                                                                                                        |
| Size (bytes):   | 80384                                                                                                                                                          |
| Entropy (8bit): | 6.294028811173466                                                                                                                                              |
| Encrypted:      | false                                                                                                                                                          |
| SSDEEP:         | 1536:XsTaC+v1CUfr0oxAomP3cX/4pi2sWjcdjXl:ua5wUD1/ui5j4                                                                                                         |
| MD5:            | FF4C2F4D6E1FA34E8B958993C0DE134D                                                                                                                               |
| SHA1:           | 8E8DE477AD67E1B107396B8B9BE749363EF10640                                                                                                                       |
| SHA-256:        | 38DD484E87FBD4520A99EAD1FDC0010F45A3D5F8A22B1BBD01E3FCBD56104AB3                                                                                               |
| SHA-512:        | D64482AB140944CF138E47914EFD3EE2362E0FE98D519A89EAE6D31E03E9C51BFCBB4D44BA634526F393613F0AD8C14971BA240DBF2560BC57FF1C3705967F36                               |
| Malicious:      | true                                                                                                                                                           |
| Antivirus:      | <ul style="list-style-type: none"><li>Antivirus: Virustotal, Detection: 20%, <a href="#">Browse</a></li><li>Antivirus: ReversingLabs, Detection: 24%</li></ul> |
| Reputation:     | low                                                                                                                                                            |

|          |                                                                                                                                                                                                                                                                                                                                                              |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preview: | MZ.....@.....!..L!This program cannot be run in DOS mode...\$......w...w...w...%`.w...%^..w...%a.w.....w...w..w..p...w..p...w..p...<br>..w..Rich.w.....PE..L.....~b.....7.....@.....@.....@.....p.....T.....@.....<br>.....text...U.....`..rdata...N.....P.....@..@..data...1..0.....@...rsrc.....p.....*.....@..@..reloc.....,.....<br>..@..B.....<br>..... |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                                                                                                                                 |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Local\Temp\nsafF211.tmp</b> |                                                                                                                                 |
| Process:                                             | C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe                                                          |
| File Type:                                           | data                                                                                                                            |
| Category:                                            | dropped                                                                                                                         |
| Size (bytes):                                        | 274424                                                                                                                          |
| Entropy (8bit):                                      | 7.537223383847658                                                                                                               |
| Encrypted:                                           | false                                                                                                                           |
| SSDEEP:                                              | 3072:5vonGiITM+IGDSQ7923iyT+7EqbRuNfpzqk2POHpfA6zIya5wUD1/ui5j4:5von9M+0eQ79IoTtcC6fA6zmwQu                                     |
| MD5:                                                 | 0A075A0200A53ACFD831038EC6C896F1                                                                                                |
| SHA1:                                                | 07E7D01FA876F8A37EE6FE1FAA34BA6C97A8E402                                                                                        |
| SHA-256:                                             | DF91BE25213DA8243E34DCCBE3017FD53F9F493DD516D9D55263501375BA4122                                                                |
| SHA-512:                                             | F43698C1374F37CD9F2F64866E611A8F0E98CE0107094AD1AB2AE1158E9993DE5586B4F8A8869414805C80DC88E40B9791172D9CC8CAC36DC1E34DB03E5F844 |
| Malicious:                                           | false                                                                                                                           |
| Reputation:                                          | low                                                                                                                             |
| Preview:                                             | .3.....,.....h...T%.....2.....3.....<br>.....G.....j.....^.....<br>.....<br>.....                                               |

|                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Local\Temp\qaodb6jx48te</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Process:                                                                                                                               | C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| File Type:                                                                                                                             | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Category:                                                                                                                              | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Size (bytes):                                                                                                                          | 175615                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Entropy (8bit):                                                                                                                        | <b>7.990059953409327</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Encrypted:                                                                                                                             | <b>true</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SSDEEP:                                                                                                                                | 3072:2vonGiITM+IGDSQ7923iyT+7EqbRuNfpzqk2POHpfA6zY:2von9M+0eQ79IoTtcC6fA6zY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5:                                                                                                                                   | 6EB3509F6E43EEA8950ADBC156A96248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SHA1:                                                                                                                                  | 019A49C79CFB4503F005BA4347FD5EBF8C99718E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SHA-256:                                                                                                                               | F203F8DB5CFD1E17D03DD57BA2766F15F2A189E80080089C673BED271C87CDB7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SHA-512:                                                                                                                               | 95F99448679A60B2707DE05E3D348CFB4F6E4112E2780ED53CC6E540C7493A0169316EBEAF992274D4474B8F36FEA5357CD2794AD8AA77CC6FEC2C48CC892C19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Malicious:                                                                                                                             | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reputation:                                                                                                                            | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preview:                                                                                                                               | ...PH...[!...X.....#....._...=Be...>.....i`..n.....%m.8.\$./L+..S..9.1.64.%...W5...,?...Cj/..f.1}8....)i..5B\.....i...Ym....V.32Ay.+8y.-.....].U.v...:....m.0.....E}.7j....q9...<br>...Y..G.j....Z..N.....{!.....O.O.0.....a% x....^H....x".1".q...<.....=Xe...>.....i`..n.....c...74..=rlp.....{9..GZ.^.....HX.7Ab.%V.)i..5B<..E...].6..\$......0...@...>..a,/_.....n.<br>M:f=:.....0..S...E..7j...oq.....h.OG.}...Z...../.....{!W.....O.....a x....G..Z.x".".5'q....._...=Be...>.....i`..n.....c...74..=rlp.....{9..GZ.^.....HX.7Ab.%V.)i..5B<..E...].6..\$.<br>.....0...@...>..a,/_.....n.U.v...:....P.O."S...E}.7j...oq.....G.}...Z...../.....{!W.....O.....a x....G..Z.x".".5'q....._...=Be...>.....i`..n.....c...74..=rlp.....{9..GZ.^.....HX.7<br>Ab.%V.)i..5B<..E...].6..\$......0...@...>..a,/_.....n.U.v...:....P.O."S...E}.7j...oq.....G.}...Z...../.. |

|                                                  |                                                                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Local\Temp\zehirtbl</b> |                                                                                                                                  |
| Process:                                         | C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe                                                           |
| File Type:                                       | data                                                                                                                             |
| Category:                                        | dropped                                                                                                                          |
| Size (bytes):                                    | 5171                                                                                                                             |
| Entropy (8bit):                                  | 6.118274194888097                                                                                                                |
| Encrypted:                                       | false                                                                                                                            |
| SSDEEP:                                          | 96:BXrtcxDxcjguWPxAcyUyF1DQHWF3yW5SSn/MLmyJo3XFWDNbxUuyFxFV04mxkzq:2WguW5TAquH8cSn/MLmyJo3XFWZAFnRw                              |
| MD5:                                             | ACB8234D1D848397EC3B1EB59A25AC91                                                                                                 |
| SHA1:                                            | 7D17F048DDC6D19A40898B6079D36E0E1BDAB195                                                                                         |
| SHA-256:                                         | 942BD175D04B7C5567EB7F3EABC39866736B8922C68539D16DA9A32A839B5820                                                                 |
| SHA-512:                                         | 601CA88B29149B9DDADECF29BBBBAAE1B626B84AE8C7BD580EB7BDF64FB3CDC9CD20563EFAEA229640194CE27684024EA62C8DE148E81CC045C40E9AFCB77459 |
| Malicious:                                       | false                                                                                                                            |
| Reputation:                                      | low                                                                                                                              |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preview: | ..%......].".M"."m".M"...u.J.qE....Y.r.l...u..v....U..Qr.l...u..k....=.9r.l...u.<...e..ar.l...u.....M..l....7%.M...!...m.i.....d.....q..L?...Z\...q..O..q...Y.i].....)(fF.qr.U.r.=.r.e..r.M..r.m.r...[....!Z...Y-...]r.U...%{"(.].q....J.).....) f..Y...]...dO!..."M."..u..%.6!-~%.....L...u..q..%.....%u..qdO!...wK.....O....fR.....O%.. .....O%.....E".M.".J.u.....U..q.u.....qK...q..q..u..i.(...M...%.%.d... U.. Q...%.Ll... U.. Q...%.M...(U...r.f....?pr...Y"..r%.rrr..Y..Y....].J.].....]dO.....".M"..J.uE....M..q..u...qK...q..q..u..i.....M".....%.%.d... M.. l..l..%.Ll... M.. l.....%<l.. M.. l...d.%?...M..l...%.Ll... M.. l.(%.M...(M...wK.o.....qrr..Y.....%.....r..r..r..!r.%4srr..Y..Y....].J.].....]dO.....J.u.....i..q..u.....qK...q..q..u..i.....M...%.%.d... i.. ...l..%.Ll... i.. ...%.M...(i.. ..H.....Aqrr..Y.#r..!r.%..pr |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Static File Info      |                                                                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General               |                                                                                                                                                                                                                                                                           |
| File type:            | PE32 executable (GUI) Intel 80386, for MS Windows, Nullsoft Installer self-extracting archive                                                                                                                                                                             |
| Entropy (8bit):       | 7.333983439825163                                                                                                                                                                                                                                                         |
| TrID:                 | <ul style="list-style-type: none"><li>Win32 Executable (generic) a (10002005/4) 99.96%</li><li>Generic Win/DOS Executable (2004/3) 0.02%</li><li>DOS Executable Generic (2002/1) 0.02%</li><li>Autodesk FLIC Image File (extensions: flc, fli, cel) (7/3) 0.00%</li></ul> |
| File name:            | SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe                                                                                                                                                                                                                          |
| File size:            | 428316                                                                                                                                                                                                                                                                    |
| MD5:                  | 14848f52302c15e27b26fee5fada11c1                                                                                                                                                                                                                                          |
| SHA1:                 | 04d62d915bd1a81c4b5ed35df6edb953107398c8                                                                                                                                                                                                                                  |
| SHA256:               | 4ac982ea35522a13de30ff7ddbbec9becf2c7528a48f0aff377e3d6758a7ae7b                                                                                                                                                                                                          |
| SHA512:               | aee08da4569bc969db4c086cb89950e311aaab9bf94677d9ba532b256ed5a29cc5942d48ca7c58ec8bee095d8e84b1f91935d61a9c601e1f9950c93a4ddd99c3                                                                                                                                          |
| SSDEEP:               | 6144:eOtlldxqG7hiusCwlvcyHQOEYf5iTQuuAxjNnmJvLtVeV+hLk7:eORQiuqEyHH1GtNnmFBi+lg                                                                                                                                                                                           |
| TLSH:                 | B694E092D5C041A5EC794B34B53B1D3A16A7FFB9BCF9EA8E864D71312B732C2401B942                                                                                                                                                                                                    |
| File Content Preview: | MZ.....@.....!..L!This program cannot be run in DOS mode....\$......!'G.@...@...@../OQ..@...@..!@../OS..@...c>..@../+F...@../Rich.@.....PE..L.....Oa.....h.....                                                                                                           |

| File Icon                                                                           |                  |
|-------------------------------------------------------------------------------------|------------------|
|  |                  |
| Icon Hash:                                                                          | 81090f232b232380 |

| Static PE Info              |                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------|
| General                     |                                                                                           |
| Entrypoint:                 | 0x403646                                                                                  |
| Entrypoint Section:         | .text                                                                                     |
| Digitally signed:           | false                                                                                     |
| Imagebase:                  | 0x400000                                                                                  |
| Subsystem:                  | windows gui                                                                               |
| Image File Characteristics: | LOCAL_SYMS_STRIPPED, 32BIT_MACHINE, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED, RELOCS_STRIPPED |
| DLL Characteristics:        | NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT                                    |
| Time Stamp:                 | 0x614F9AA9 [Sat Sep 25 21:54:49 2021 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:                | 61259b55b891288e90f516ca08dc514                                                           |

| Entrypoint Preview |  |
|--------------------|--|
| Instruction        |  |
| push ebp           |  |
| mov ebp, esp       |  |
| sub esp, 000003F4h |  |
| push ebx           |  |
| push esi           |  |

| Instruction                              |
|------------------------------------------|
| push edi                                 |
| push 00000020h                           |
| pop edi                                  |
| xor ebx, ebx                             |
| push 00008001h                           |
| mov dword ptr [ebp-14h], ebx             |
| mov dword ptr [ebp-04h], 0040A230h       |
| mov dword ptr [ebp-10h], ebx             |
| call dword ptr [004080C8h]               |
| mov esi, dword ptr [004080CCh]           |
| lea eax, dword ptr [ebp-00000140h]       |
| push eax                                 |
| mov dword ptr [ebp-0000012Ch], ebx       |
| mov dword ptr [ebp-2Ch], ebx             |
| mov dword ptr [ebp-28h], ebx             |
| mov dword ptr [ebp-00000140h], 0000011Ch |
| call esi                                 |
| test eax, eax                            |
| jne 00007F16FCE2A37Ah                    |
| lea eax, dword ptr [ebp-00000140h]       |
| mov dword ptr [ebp-00000140h], 00000114h |
| push eax                                 |
| call esi                                 |
| mov ax, word ptr [ebp-0000012Ch]         |
| mov ecx, dword ptr [ebp-00000112h]       |
| sub ax, 00000053h                        |
| add ecx, FFFFFFFD0h                      |
| neg ax                                   |
| sbb eax, eax                             |
| mov byte ptr [ebp-26h], 00000004h        |
| not eax                                  |
| and eax, ecx                             |
| mov word ptr [ebp-2Ch], ax               |
| cmp dword ptr [ebp-0000013Ch], 0Ah       |
| jnc 00007F16FCE2A34Ah                    |
| and word ptr [ebp-00000132h], 0000h      |
| mov eax, dword ptr [ebp-00000134h]       |
| movzx ecx, byte ptr [ebp-00000138h]      |
| mov dword ptr [007A8B58h], eax           |
| xor eax, eax                             |
| mov ah, byte ptr [ebp-0000013Ch]         |
| movzx eax, ax                            |
| or eax, ecx                              |
| xor ecx, ecx                             |
| mov ch, byte ptr [ebp-2Ch]               |
| movzx ecx, cx                            |
| shl eax, 10h                             |
| or eax, ecx                              |

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

| Data Directories                |                 |              |               |
|---------------------------------|-----------------|--------------|---------------|
| Name                            | Virtual Address | Virtual Size | Is in Section |
| IMAGE_DIRECTORY_ENTRY_EXPORT    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_IMPORT    | 0x8504          | 0xa0         | .rdata        |
| IMAGE_DIRECTORY_ENTRY_RESOURCE  | 0x3b9000        | 0x28ee8      | .rsrc         |
| IMAGE_DIRECTORY_ENTRY_EXCEPTION | 0x0             | 0x0          |               |

| Name                                 | Virtual Address | Virtual Size | Is in Section |
|--------------------------------------|-----------------|--------------|---------------|
| IMAGE_DIRECTORY_ENTRY_SECURITY       | 0x0             | 0x0          |               |
| 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            | 0x8000          | 0x2b0        | .rdata        |
| IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT   | 0x0             | 0x0          |               |
| 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          | 0x67c4       | 0x6800   | False    | 0.675180288462  | data      | 6.49518266675 | IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ             |
| .rdata | 0x8000          | 0x139a       | 0x1400   | False    | 0.4498046875    | data      | 5.14106681717 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ                        |
| .data  | 0xa000          | 0x39ebb8     | 0x600    | unknown  | unknown         | unknown   | unknown       | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_WRITE, IMAGE_SCN_MEM_READ   |
| .ndata | 0x3a9000        | 0x10000      | 0x0      | False    | 0               | empty     | 0.0           | IMAGE_SCN_MEM_WRITE, IMAGE_SCN_CNT_UNINITIALIZED_DATA, IMAGE_SCN_MEM_READ |
| .rsrc  | 0x3b9000        | 0x28ee8      | 0x29000  | False    | 0.555979658918  | data      | 5.77947429109 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ                        |

## Resources

| Name          | RVA      | Size    | Type                                                                                                                                          | Language | Country       |
|---------------|----------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|
| RT_ICON       | 0x3b9280 | 0x10828 | data                                                                                                                                          | English  | United States |
| RT_ICON       | 0x3c9aa8 | 0x1013c | PNG image data, 256 x 256, 8-bit/color RGBA, non-interlaced                                                                                   | English  | United States |
| RT_ICON       | 0x3d9be8 | 0x4228  | dBase IV DBT of \200.DBF, blocks size 0, block length 16384, next free block index 40, next free block 4294901499, next used block 4294901499 | English  | United States |
| RT_ICON       | 0x3dde10 | 0x25a8  | dBase IV DBT of `.DBF, block length 9216, next free block index 40, next free block 4294901501, next used block 4294901757                    | English  | United States |
| RT_ICON       | 0x3e03b8 | 0x10a8  | dBase IV DBT of @.DBF, block length 4096, next free block index 40, next free block 4294967294, next used block 4294967294                    | English  | United States |
| RT_ICON       | 0x3e1460 | 0x468   | GLS_BINARY_LSB_FIRST                                                                                                                          | English  | United States |
| RT_DIALOG     | 0x3e18c8 | 0x100   | data                                                                                                                                          | English  | United States |
| RT_DIALOG     | 0x3e19c8 | 0x11c   | data                                                                                                                                          | English  | United States |
| RT_DIALOG     | 0x3e1ae8 | 0x60    | data                                                                                                                                          | English  | United States |
| RT_GROUP_ICON | 0x3e1b48 | 0x5a    | data                                                                                                                                          | English  | United States |
| RT_MANIFEST   | 0x3e1ba8 | 0x33e   | XML 1.0 document, ASCII text, with very long lines, with no line terminators                                                                  | English  | United States |

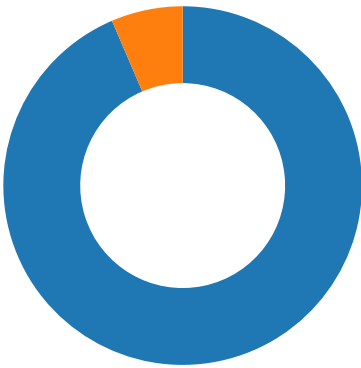
## Imports

| DLL          | Import                                                                                                                                                                                                                      |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADVAPI32.dll | RegCreateKeyExW, RegEnumKeyW, RegQueryValueExW, RegSetValueExW, RegCloseKey, RegDeleteValueW, RegDeleteKeyW, AdjustTokenPrivileges, LookupPrivilegeValueW, OpenProcessToken, SetFileSecurityW, RegOpenKeyExW, RegEnumValueW |
| SHELL32.dll  | SHGetSpecialFolderLocation, SHFileOperationW, SHBrowseForFolderW, SHGetPathFromIDListW, ShellExecuteExW, SHGetFileInfoW                                                                                                     |
| ole32.dll    | OleInitialize, OleUninitialize, CoCreateInstance, IIDFromString, CoTaskMemFree                                                                                                                                              |
| COMCTL32.dll | ImageList_Create, ImageList_Destroy, ImageList_AddMasked                                                                                                                                                                    |

| DLL          | Import                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USER32.dll   | GetClientRect, EndPaint, DrawTextW, IsWindowEnabled, DispatchMessageW, wsprintfA, CharNextA, CharPrevW, MessageBoxIndirectW, GetDlgItemTextW, SetDlgItemTextW, GetSystemMetrics, FillRect, AppendMenuW, TrackPopupMenu, OpenClipboard, SetClipboardData, CloseClipboard, IsWindowVisible, CallWindowProcW, GetMessagePos, CheckDlgButton, LoadCursorW, SetCursor, GetSysColor, SetWindowPos, GetWindowLongW, PeekMessageW, SetClassLongW, GetSystemMenu, EnableMenuItem, GetWindowRect, ScreenToClient, EndDialog, RegisterClassW, SystemParametersInfoW, CreateWindowExW, GetClassInfoW, DialogBoxParamW, CharNextW, ExitWindowsEx, DestroyWindow, CreateDialogParamW, SetTimer, SetWindowTextW, PostQuitMessage, SetForegroundWindow, ShowWindow, wsprintfW, SendMessageTimeoutW, FindWindowExW, IsWindow, GetDlgItem, SetWindowLongW, LoadImageW, GetDC, ReleaseDC, EnableWindow, InvalidateRect, SendMessageW, DefWindowProcW, BeginPaint, EmptyClipboard, CreatePopupMenu                                                                   |
| GDI32.dll    | SetBkMode, SetBkColor, GetDeviceCaps, CreateFontIndirectW, CreateBrushIndirect, DeleteObject, SetTextColor, SelectObject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| KERNEL32.dll | GetExitCodeProcess, WaitForSingleObject, GetModuleHandleA, GetProcAddress, GetSystemDirectoryW, lstrcatW, Sleep, lstrcpyA, WriteFile, GetTempFileNameW, lstrcpmA, RemoveDirectoryW, CreateProcessW, CreateDirectoryW, GetLastError, CreateThread, GlobalLock, GlobalUnlock, GetDiskFreeSpaceW, WideCharToMultiByte, lstrcpyW, lstrlenW, SetLastError, GetVersionExW, GetCommandLineW, GetTempPathW, GetWindowsDirectoryW, SetEnvironmentVariableW, CopyFileW, ExitProcess, GetCurrentProcess, GetModuleFileNameW, GetFileSize, CreateFileW, GetTickCount, MulDiv, SetFileAttributesW, GetFileAttributesW, SetCurrentDirectoryW, MoveFileW, GetFullPathNameW, GetShortPathNameW, SearchPathW, CompareFileTime, SetFileTime, CloseHandle, lstrcpmW, lstrcmpW, ExpandEnvironmentStringsW, GlobalFree, GlobalAlloc, GetModuleHandleW, LoadLibraryExW, MoveFileExW, FreeLibrary, WritePrivateProfileStringW, GetPrivateProfileStringW, lstrlenA, MultiByteToWideChar, ReadFile, SetFilePointer, FindClose, FindNextFileW, FindFirstFileW, DeleteFileW |

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

| Network Behavior                                                                                              |
|---------------------------------------------------------------------------------------------------------------|
|  No network behavior found |

| Statistics                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Behavior</div> <div><div><div></div> SecuriteInfo.com.Trojan.NSISX.Spy...<div></div> miylwnpd.exe<div></div> miylwnpd.exe</div></div> <div> Click to jump to process</div> |

| System Behavior                                                                                   |
|---------------------------------------------------------------------------------------------------|
| Analysis Process: SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe    PID: 5944, Parent PID: 5072 |

| General                       |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Target ID:                    | 0                                                                        |
| Start time:                   | 00:38:34                                                                 |
| Start date:                   | 14/05/2022                                                               |
| Path:                         | C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe   |
| Wow64 process (32bit):        | true                                                                     |
| Commandline:                  | "C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe" |
| Imagebase:                    | 0x400000                                                                 |
| File size:                    | 428316 bytes                                                             |
| MD5 hash:                     | 14848F52302C15E27B26FEE5FADA11C1                                         |
| 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\Local\Temp\            | read data or list directory   synchronize    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 405C28         | CreateDirectoryW |  |
| C:\Users\user\AppData\Local\Temp\nsaF210.tmp | read attributes   synchronize   generic read | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 4061CC         | GetTempFileNameW |  |
| C:\Users\user\AppData\Local\Temp\nsaF211.tmp | read attributes   synchronize   generic read | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 4061CC         | GetTempFileNameW |  |
| C:\Users\user\AppData\Local\Temp\nsfF27F.tmp | read attributes   synchronize   generic read | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 4061CC         | GetTempFileNameW |  |
| C:\Users                                     | read data or list directory   synchronize    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 405C28         | CreateDirectoryW |  |
| C:\Users\user                                | read data or list directory   synchronize    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 405C28         | CreateDirectoryW |  |
| C:\Users\user\AppData                        | read data or list directory   synchronize    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 405C28         | CreateDirectoryW |  |
| C:\Users\user\AppData\Local                  | read data or list directory   synchronize    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 405C28         | CreateDirectoryW |  |
| C:\Users\user\AppData\Local\Temp             | read data or list directory   synchronize    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 405C28         | CreateDirectoryW |  |
| C:\Users\user\AppData\Local\Temp\nsfF27F.tmp | read data or list directory   synchronize    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 405BE8         | CreateDirectoryW |  |



| File Path                                     | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ascii                                                                                          | Completion      | Count | Source Address | Symbol    |
|-----------------------------------------------|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Temp\qao6jx48te   | 0      | 16384  | 7f fd fd 50 48 0e fd fd fd<br>5b 21 0f 2e fd 58 08 fd fd<br>fd fd fd fd 07 fd fd 09 fd<br>23 fd 52 fd fd 7f 5f 3d 2e<br>42 65 06 fd 0d 3e 0a 73<br>fd 7f 04 69 fd 60 fd 1a 6e<br>fd 0f 4c fd fd 5a fd 25 fd<br>6d fd 38 fd fd 24 fd 2f 4c<br>fd 2b 01 fd 53 fd 17 39 fd<br>31 fd 36 34 00 25 10 fd fd<br>19 57 35 fd fd 2c fd 3f fd<br>fd fd 09 43 6a 2f fd fd 66<br>fd 31 7d 38 7f fd fd fd fd<br>29 69 fd fd 35 42 5c fd fd<br>fd fd fd fd fd 69 17 fd fd<br>59 6d fd fd fd fd 56 fd 33<br>32 41 79 fd 2b 38 79 fd<br>2d fd fd 7f fd fd fd 18 10<br>fd fd fd fd fd 5d fd 55 18<br>76 fd fd 3a fd 07 fd 6d 03<br>30 fd 00 fd e3 fd 0f fd 45<br>7d fd 37 6a fd fd 0d fd 71<br>39 fd fd fd 16 fd 17 59 fd<br>fd 47 fd 7d fd fd 0b fd 5a<br>06 fd 4e fd fd 1a 12 fd 0d<br>fd fd 0c 7b 21 fd fd fd fd<br>1a fd fd 17 4f fd 4f fd 30<br>04 fd 88 | PH[!.X#_.Be>i'n%m8\$/<br>L+S9164%W5,?<br>Cj/f1}8)i5B\YmV32Ay+8y<br>-]Uv<br>:m0E}7jq9YG}ZN{!OO0 | success or wait | 11    | 40622A         | WriteFile |
| C:\Users\user\AppData\Local\Temp\zehirtbl     | 0      | 5171   | fd 09 25 0d 0d 26 fd fd fd<br>7e fd fd fd 08 5d 0d 22 fd<br>4d fd 22 fd fd 6d 22 fd 4d<br>fd 22 fd 4e 08 75 0d 4a fd<br>71 45 0d 0d 0d fd 08 59<br>0d 72 fd 21 72 fd fd fd fd<br>75 fd fd 76 0d 0d 0d fd fd<br>55 fd fd 51 72 fd 21 72 fd<br>fd fd fd 75 fd fd 6b 0d 0d<br>0d fd fd 3d fd fd 39 72 fd<br>21 72 fd fd fd fd 75 fd fd<br>3c 0d 0d 0d fd fd 65 fd fd<br>61 72 fd 21 72 fd fd fd fd<br>75 fd fd fd 0d 0d 0d fd fd<br>4d fd fd 49 fd fd fd 09 fd<br>37 07 25 fd 06 4d 0e 0e<br>fd 21 fd fd fd 6d fd fd 69<br>fd fd fd fd fd 09 1e 64 fd<br>64 fd fd fd 66 fd 71 fd 09<br>4c 1e 3f 07 fd fd 5a 5c fd<br>fd 0e fd 71 fd 09 4f fd fd<br>71 fd fd fd 08 59 fd 69 5d<br>07 1e fd 0d 0d 0d 0d fd<br>09 29 28 66 46 08 71 72<br>fd 55 fd 72 fd 3d fd 72 fd<br>65 fd fd 72 fd 4d fd fd 72<br>fd 6d fd 72 fd fd e8 5b fd<br>fd fd fd 21 5a | %]"M"m"M"uJqEYr!ruvU<br>Qr!ruk=9r!<br>ru<ear!ruMI7%M!midqL?<br>Z\qOqYij)<br>(fFqrUr=rerMrmr[IZ | success or wait | 1     | 40622A         | WriteFile |
| C:\Users\user\AppData\Local\Temp\miylwnpd.exe | 0      | 16384  | 4d 5a fd 00 03 00 00 00<br>04 00 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 00 0e<br>1f fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 00 fd 16<br>fd fd 77 fd fd fd 77 fd fd fd<br>77 fd fd fd 25 60 fd fd 77<br>fd fd fd 25 5e fd fd 77 fd<br>fd fd 25 61 fd 77 fd fd 1f<br>fd fd fd 77 fd fd fd 77 fd fd<br>77 fd fd 70 0e fd fd fd 77<br>fd fd 70 0e 7e fd fd 77 fd<br>fd 70 0e fd fd fd 77 fd fd<br>52 69 63 68 fd 77 fd fd 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 50<br>45 00 00 4c 01 05 00 fd<br>fd 7e 62 00 00 00 00 00<br>00 00 00 fd 00 02 | MZ@!L!This program<br>cannot be run in DOS<br>mode.\$www%\w%\w%a<br>www<br>wpwp~wpwRichwPEL~b  | success or wait | 5     | 40622A         | WriteFile |

| File Read                                                              |         |        |                 |       |                |          |
|------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| File Path                                                              | Offset  | Length | Completion      | Count | Source Address | Symbol   |
| C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe | unknown | 512    | success or wait | 396   | 4061FB         | ReadFile |
| C:\Users\user\Desktop\SecuriteInfo.com.Trojan.NSISX.Spy.Gen.2.8452.exe | unknown | 16384  | success or wait | 14    | 4061FB         | ReadFile |
| C:\Users\user\AppData\Local\Temp\lnsaF211.tmp                          | unknown | 4      | success or wait | 1     | 4061FB         | ReadFile |
| C:\Users\user\AppData\Local\Temp\lnsaF211.tmp                          | unknown | 13238  | success or wait | 1     | 403465         | ReadFile |
| C:\Users\user\AppData\Local\Temp\lnsaF211.tmp                          | unknown | 4      | success or wait | 3     | 4061FB         | ReadFile |

## Analysis Process: miylwnpd.exe    PID: 3908, Parent PID: 5944

| General                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Start time:                   | 00:38:36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Start date:                   | 14/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Path:                         | C:\Users\user\AppData\Local\Temp\miylwnpd.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Commandline:                  | C:\Users\user\AppData\Local\Temp\miylwnpd.exe C:\Users\user\AppData\Local\Temp\zehirtbl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Imagebase:                    | 0x2e0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| File size:                    | 80384 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MD5 hash:                     | FF4C2F4D6E1FA34E8B958993C0DE134D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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_FormBook, Description: Yara detected FormBook, Source: 00000001.00000002.233653327.0000000002CB0000.00000004.00001000.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000001.00000002.233653327.0000000002CB0000.00000004.00001000.00020000.00000000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com</li> <li>Rule: Formbook, Description: detect Formbook in memory, Source: 00000001.00000002.233653327.0000000002CB0000.00000004.00001000.00020000.00000000.sdmp, Author: JPCERT/CC Incident Response Group</li> </ul> |
| Antivirus matches:            | <ul style="list-style-type: none"> <li>Detection: 20%, Virustotal, <a href="#">Browse</a></li> <li>Detection: 24%, ReversingLabs</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| File Activities                           |         |        |                 |       |                |          |
|-------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| File Read                                 |         |        |                 |       |                |          |
| File Path                                 | Offset  | Length | Completion      | Count | Source Address | Symbol   |
| C:\Users\user\AppData\Local\Temp\zehirtbl | unknown | 4096   | success or wait | 1     | 2E2C9C         | ReadFile |
| C:\Users\user\AppData\Local\Temp\zehirtbl | unknown | 4096   | success or wait | 1     | 2E2C9C         | ReadFile |

## Analysis Process: miylwnpd.exe    PID: 1900, Parent PID: 3908

| General                       |                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------|
| Target ID:                    | 2                                                                                       |
| Start time:                   | 00:38:37                                                                                |
| Start date:                   | 14/05/2022                                                                              |
| Path:                         | C:\Users\user\AppData\Local\Temp\miylwnpd.exe                                           |
| Wow64 process (32bit):        |                                                                                         |
| Commandline:                  | C:\Users\user\AppData\Local\Temp\miylwnpd.exe C:\Users\user\AppData\Local\Temp\zehirtbl |
| Imagebase:                    |                                                                                         |
| File size:                    | 80384 bytes                                                                             |
| MD5 hash:                     | FF4C2F4D6E1FA34E8B958993C0DE134D                                                        |
| Has elevated privileges:      | true                                                                                    |
| Has administrator privileges: | true                                                                                    |
| Programmed in:                | C, C++ or other language                                                                |
| Reputation:                   | low                                                                                     |

# Disassembly

 No disassembly