

JoeSandbox Cloud BASIC



ID: 830321

Sample Name: click.wsf

Cookbook:

defaultwindowsinteractivecookbook.jbs

Time: 09:06:00

Date: 20/03/2023

Version: 37.0.0 Beryl

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C:\Users\user\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content\77EC63BDA74BD0D0E0426DC8F8008506	21
C:\Users\user\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\77EC63BDA74BD0D0E0426DC8F8008506	21
C:\Users\user\AppData\Local\Temp\Outlook Logging\OUTLOOK_16_0_13929_20386-20230320T0906180748-804.etl	21
C:\Users\user\Desktop\click.wsf	22
C:\Users\user\Desktop\rad1F9A4.tmp.dll	22
C:\Users\user\Desktop\rad75349.tmp.dll	22
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C:\Windows\System32\BIUwZJEJvMeG\xhwdmo.dll (copy)	23
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Analysis Process: regsvr32.exePID: 6544, Parent PID: 6508	30
General	30
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Windows Analysis Report

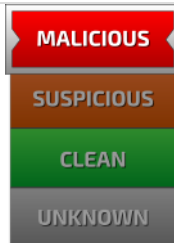
click.wsf

Overview

General Information

Sample Name:	click.wsf
Analysis ID:	830321
MD5:	016fa961b9af4...
SHA1:	2fee0634cfa29...
SHA256:	8343af0017ad6..
Infos:	

Detection



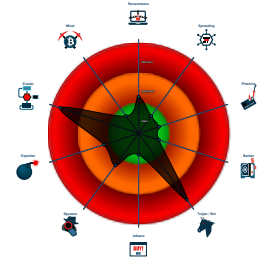
Emotet

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

Signatures

- Benign windows process drops PE f...
- VBScript performs obfuscated calls...
- Yara detected Emotet
- System process connects to networ...
- Sigma detected: Run temp file via re...
- Antivirus detection for URL or domain
- Multi AV Scanner detection for dom...
- Multi AV Scanner detection for drop...
- Snort IDS alert for network traffic
- C2 URLs / IPs found in malware con...
- Hides that the sample has been dow...
- Queries the volume information (nam...

Classification



Process Tree

- ```

■ System is w10x64_ra
■  OUTLOOK.EXE (PID: 804 cmdline: "C:\Program Files\Microsoft Office\root\Office16\OUTLOOK.EXE" /PIM NoEmail MD5: CA3FDE8329DE07C95897DB0828545CD)
■  wscript.exe (PID: 6404 cmdline: C:\Windows\System32\WScript.exe "C:\Users\user\Desktop\click.wsf" MD5: 563EDAE37876138FDDFF47F3E7A9A78FD)
 ■  regsvr32.exe (PID: 6508 cmdline: C:\Windows\System32\regsvr32.exe "C:\Users\user\Desktop\rad75349.tmp.dll MD5: 578BAB56836A3FE455FFC7883041825B)
 ■  regsvr32.exe (PID: 6544 cmdline: C:\Windows\system32\regsvr32.exe "C:\Windows\system32\BIUwZJPejvMeG\hxhwdmo.dll" MD5: 578BAB56836A3FE455FFC7883041825B)
■ cleanup

```

## Malware Threat Intel

Provided by  
**malpedia**

| Name   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Attribution                                                                                          | Blogpost URLs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Link                                                                                                                                  |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Emotet | While Emotet historically was a banking malware organized in a botnet, nowadays Emotet is mostly seen as infrastructure as a service for content delivery. For example, since mid 2018 it is used by Trickbot for installs, which may also lead to ransomware attacks using Ryuk, a combination observed several times against high-profile targets. It is always stealing information from victims but what the criminal gang behind it did, was to open up another business channel by selling their infrastructure delivering additional malicious software. From malware analysts it has been classified into epochs depending on command and control, payloads, and delivery solutions which change over time. Emotet had been taken down by authorities in January 2021, though it appears to have sprung back to life in November 2021. | <ul style="list-style-type: none"> <li>GOLD CABIN</li> <li>MUMMY SPIDER</li> <li>Mealybug</li> </ul> | <a href="http://blog.fortinet.com/2017/05/03/deep-analysis-of-new-emotet-variant-part-1">http://blog.fortinet.com/2017/05/03/deep-analysis-of-new-emotet-variant-part-1</a><br><a href="http://blog.trendmicro.com/trendlabs-security-intelligence/emotet-returns-starts-spreading-via-spam-botnet/http://ropgadget.com/posts/defensive_pcrs.html">http://blog.trendmicro.com/trendlabs-security-intelligence/emotet-returns-starts-spreading-via-spam-botnet/http://ropgadget.com/posts/defensive_pcrs.html</a><br><a href="http://s://adalogics.com/blog/the-state-of-advanced-code-injectionshttps://asec.ahnlab.com/en/33600/">http://s://adalogics.com/blog/the-state-of-advanced-code-injectionshttps://asec.ahnlab.com/en/33600/</a> | <a href="https://malpedia.caad.fkie.fraunhofer.de/details/win.emotet">https://malpedia.caad.fkie.fraunhofer.de/details/win.emotet</a> |

## Malware Configuration

**Threatname: Emotet**

```
{
 "C2 list": [
 "91.121.146.47:8080",
 "66.228.32.31:7080",
 "182.162.143.56:443",
 "187.63.160.88:80",
 "167.172.199.165:8080",
 "164.90.222.65:443",
 "104.168.155.143:8080",
 "163.44.196.120:8080",
 "160.16.142.56:8080",
 "159.89.202.34:443",
 "159.65.88.10:8080",
 "186.194.240.217:443",
 "149.56.131.28:8080",
 "72.15.201.15:8080",
 "1.234.2.232:8080",
 "82.223.21.224:8080",
 "206.189.28.199:8080",
 "169.57.156.166:8080",
 "107.170.39.149:8080",
 "103.43.75.120:443",
 "91.207.28.33:8080",
 "213.239.212.5:443",
 "45.235.8.30:8080",
 "119.59.103.152:8080",
 "164.68.99.3:8080",
 "95.217.221.146:8080",
 "153.126.146.25:7080",
 "197.242.150.244:8080",
 "202.129.205.3:8080",
 "103.132.242.26:8080",
 "139.59.126.41:443",
 "110.232.117.186:8080",
 "183.111.227.137:8080",
 "5.135.159.50:443",
 "201.94.166.162:443",
 "103.75.201.2:443",
 "79.137.35.198:8080",
 "172.105.226.75:8080",
 "94.23.45.86:4143",
 "115.68.227.76:8080",
 "153.92.5.27:8080",
 "167.172.253.162:8080",
 "188.44.20.25:443",
 "147.139.166.154:8080",
 "129.232.188.93:443",
 "173.212.193.249:8080",
 "185.4.135.165:8080",
 "45.176.232.124:443"
],
 "Public Key": [
 "RUNTMSAAAABAX3S2xNjcDD0fBno33Ln5t71eii+mofIPoXkNFOX1MeiwCh48iz97kB0mJjGGZXwardnDXKxl8GCHGNI0PFj5MHq6bwAsAIA=",
 "RUNLMSAAAADzozW1Di4r9DVWzQpMKT588RDdy7BPILP6AiDOTLYMHkSWwrQO5slbmr1OvZ2Pz+AQWzRMggQmAtO6rPH7nyx2snoEbwASAJI="
]
}
```

| Yara Signatures                                                                         |                         |                         |            |                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------|-------------------------|-------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory Dumps                                                                            |                         |                         |            |                                                                                                                                                                                                                                                                                                                      |
| Source                                                                                  | Rule                    | Description             | Author     | Strings                                                                                                                                                                                                                                                                                                              |
| 00000001.00000003.1414548751.000002D845C7D000.00000004.000000020.00020000.00000000.sdmp | webshell_asp_obfuscated | ASP webshell obfuscated | Arnim Rupp | <ul style="list-style-type: none"><li>0x80c:\$tagasp_long20: &lt;script language="VB</li><li>0x79f:\$asp_payload9: execute "</li><li>0xb2:\$m_multi_one4: mid(</li><li>0x2fb:\$m_multi_one4: mid(</li><li>0x4c8:\$m_multi_one4: mid(</li><li>0x6d1:\$m_multi_one4: mid(</li><li>0xa4c:\$m_multi_one4: mid(</li></ul> |

| Source                                                                                 | Rule                    | Description                                                                                      | Author       | Strings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 00000001.00000002.1552503322.000002D84653C000.00000004.00000020.00020000.00000000.sdmp | WEBSHELL_asp_generic    | Generic ASP webshell which uses any eval/exec function indirectly on user input or writes a file | Arnim Rupp   | <ul style="list-style-type: none"> <li>0x312:\$asp_gen_obf1: "+"</li> <li>0x342:\$asp_gen_obf1: "+"</li> <li>0x1bd6:\$tagasp_classid5: 0D43FE01-F093-11CF-8940-00A0C9054228</li> <li>0x7a6:\$jsp4: public</li> <li>0xde6:\$jsp4: public</li> <li>0x126:\$asp_input1: request</li> <li>0x954:\$asp_input1: request</li> <li>0x996:\$asp_input1: request</li> <li>0xaac:\$asp_input1: request</li> <li>0x1e96:\$asp_input1: request</li> <li>0x460:\$asp_payload11: wscript.shell</li> <li>0x48:\$asp_multi_payload_one1: createobject</li> <li>0x136:\$asp_multi_payload_one1: createobject</li> <li>0x1ae:\$asp_multi_payload_one1: createobject</li> <li>0x208:\$asp_multi_payload_one1: createobject</li> <li>0x444:\$asp_multi_payload_one1: createobject</li> <li>0xbaa:\$asp_multi_payload_one1: createobject</li> <li>0xee2:\$asp_multi_payload_one1: createobject</li> <li>0x1db8:\$asp_multi_payload_one1: createobject</li> <li>0x1ea6:\$asp_multi_payload_one1: createobject</li> <li>0x1f1e:\$asp_multi_payload_one1: createobject</li> </ul> |
| 00000001.00000003.1530447488.000002D846461000.00000004.00000020.00020000.00000000.sdmp | webshell_asp_obfuscated | ASP webshell obfuscated                                                                          | Arnim Rupp   | <ul style="list-style-type: none"> <li>0xde6:\$tagasp_classid1: 72C24DD5-D70A-438B-8A42-98424B88AFB8</li> <li>0x1726:\$jsp4: public</li> <li>0x1d66:\$jsp4: public</li> <li>0x9726:\$jsp4: public</li> <li>0x9d66:\$jsp4: public</li> <li>0xb736:\$jsp4: public</li> <li>0xbd76:\$jsp4: public</li> <li>0xc786:\$jsp4: public</li> <li>0xcdc6:\$jsp4: public</li> <li>0x13e0:\$asp_payload11: wscript.shell</li> <li>0x93e0:\$asp_payload11: wscript.shell</li> <li>0xb3f0:\$asp_payload11: wscript.shell</li> <li>0xc440:\$asp_payload11: wscript.shell</li> <li>0xfc8:\$asp_multi_payload_one1: createobject</li> <li>0x10b6:\$asp_multi_payload_one1: createobject</li> <li>0x112e:\$asp_multi_payload_one1: createobject</li> <li>0x1188:\$asp_multi_payload_one1: createobject</li> <li>0x13c4:\$asp_multi_payload_one1: createobject</li> <li>0x1b2a:\$asp_multi_payload_one1: createobject</li> <li>0x1e62:\$asp_multi_payload_one1: createobject</li> <li>0x8fc8:\$asp_multi_payload_one1: createobject</li> </ul>                               |
| 00000001.00000003.1530447488.000002D846461000.00000004.00000020.00020000.00000000.sdmp | WEBSHELL_asp_generic    | Generic ASP webshell which uses any eval/exec function indirectly on user input or writes a file | Arnim Rupp   | <ul style="list-style-type: none"> <li>0x1292:\$asp_gen_obf1: "+"</li> <li>0x12c2:\$asp_gen_obf1: "+"</li> <li>0x9292:\$asp_gen_obf1: "+"</li> <li>0x92c2:\$asp_gen_obf1: "+"</li> <li>0xb2a2:\$asp_gen_obf1: "+"</li> <li>0xb2d2:\$asp_gen_obf1: "+"</li> <li>0xc2f2:\$asp_gen_obf1: "+"</li> <li>0xc322:\$asp_gen_obf1: "+"</li> <li>0xde6:\$tagasp_classid1: 72C24DD5-D70A-438B-8A42-98424B88AFB8</li> <li>0x1726:\$jsp4: public</li> <li>0x1d66:\$jsp4: public</li> <li>0x9726:\$jsp4: public</li> <li>0x9d66:\$jsp4: public</li> <li>0xb736:\$jsp4: public</li> <li>0xbd76:\$jsp4: public</li> <li>0xc786:\$jsp4: public</li> <li>0xcdc6:\$jsp4: public</li> <li>0x10a6:\$asp_input1: request</li> <li>0x18d4:\$asp_input1: request</li> <li>0x1916:\$asp_input1: request</li> <li>0x1a2c:\$asp_input1: request</li> </ul>                                                                                                                                                                                                                          |
| 00000003.00000002.1502600709.0000000000731000.00000020.00001000.00020000.00000000.sdmp | JoeSecurity_Emotet_1    | Yara detected Emotet                                                                             | Joe Security |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Click to see the 11 entries                                                            |                         |                                                                                                  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Unpacked PEs                         |                      |                      |              |         |
|--------------------------------------|----------------------|----------------------|--------------|---------|
| Source                               | Rule                 | Description          | Author       | Strings |
| 3.2.regsvr32.exe.460000.0.raw.unpack | JoeSecurity_Emotet_1 | Yara detected Emotet | Joe Security |         |
| 3.2.regsvr32.exe.460000.0.unpack     | JoeSecurity_Emotet_1 | Yara detected Emotet | Joe Security |         |

## Sigma Signatures

### Malware Analysis System Evasion



Sigma detected: Run temp file via regsvr32

## Snort Signatures

ET CNC Feodo Tracker Reported CnC Server TCP group 8 - Source IP: 192.168.2.3 - Destination IP: 187.63.160.88

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Timestamp:        | 192.168.2.3187.63.160.8849735802404314 03/20/23-09:07:57.133517 |
| SID:              | 2404314                                                         |
| Source Port:      | 49735                                                           |
| Destination Port: | 80                                                              |
| Protocol:         | TCP                                                             |
| Classtype:        | A Network Trojan was detected                                   |

ET CNC Feodo Tracker Reported CnC Server TCP group 7 - Source IP: 192.168.2.3 - Destination IP: 182.162.143.56

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Timestamp:        | 192.168.2.3182.162.143.56497344432404312 03/20/23-09:07:41.132019 |
| SID:              | 2404312                                                           |
| Source Port:      | 49734                                                             |
| Destination Port: | 443                                                               |
| Protocol:         | TCP                                                               |
| Classtype:        | A Network Trojan was detected                                     |

ET CNC Feodo Tracker Reported CnC Server TCP group 2 - Source IP: 192.168.2.3 - Destination IP: 104.168.155.143

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Timestamp:        | 192.168.2.3104.168.155.1434973880802404302 03/20/23-09:08:15.086032 |
| SID:              | 2404302                                                             |
| Source Port:      | 49738                                                               |
| Destination Port: | 8080                                                                |
| Protocol:         | TCP                                                                 |
| Classtype:        | A Network Trojan was detected                                       |

ET CNC Feodo Tracker Reported CnC Server TCP group 23 - Source IP: 192.168.2.3 - Destination IP: 91.121.146.47

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Timestamp:        | 192.168.2.391.121.146.474973180802404344 03/20/23-09:07:19.650620 |
| SID:              | 2404344                                                           |
| Source Port:      | 49731                                                             |
| Destination Port: | 8080                                                              |
| Protocol:         | TCP                                                               |
| Classtype:        | A Network Trojan was detected                                     |

ET CNC Feodo Tracker Reported CnC Server TCP group 5 - Source IP: 192.168.2.3 - Destination IP: 164.90.222.65

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Timestamp:        | 192.168.2.3164.90.222.65497374432404308 03/20/23-09:08:10.886539 |
| SID:              | 2404308                                                          |
| Source Port:      | 49737                                                            |
| Destination Port: | 443                                                              |
| Protocol:         | TCP                                                              |
| Classtype:        | A Network Trojan was detected                                    |

ET CNC Feodo Tracker Reported CnC Server TCP group 6 - Source IP: 192.168.2.3 - Destination IP: 167.172.199.165

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Timestamp:        | 192.168.2.3167.172.199.1654973680802404310 03/20/23-09:08:05.635641 |
| SID:              | 2404310                                                             |
| Source Port:      | 49736                                                               |
| Destination Port: | 8080                                                                |
| Protocol:         | TCP                                                                 |
| Classtype:        | A Network Trojan was detected                                       |

ET CNC Feodo Tracker Reported CnC Server TCP group 16 - Source IP: 192.168.2.3 - Destination IP: 66.228.32.31

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Timestamp:        | 192.168.2.366.228.32.314973370802404330 03/20/23-09:07:25.133944 |
| SID:              | 2404330                                                          |
| Source Port:      | 49733                                                            |
| Destination Port: | 7080                                                             |
| Protocol:         | TCP                                                              |
| Classtype:        | A Network Trojan was detected                                    |

## Joe Sandbox Signatures

### AV Detection



Antivirus detection for URL or domain

Multi AV Scanner detection for domain / URL

Multi AV Scanner detection for dropped file

### Networking



System process connects to network (likely due to code injection or exploit)

Snort IDS alert for network traffic

C2 URLs / IPs found in malware configuration

### E-Banking Fraud



Yara detected Emotet

### Data Obfuscation



VBScript performs obfuscated calls to suspicious functions

### Hooking and other Techniques for Hiding and Protection



Hides that the sample has been downloaded from the Internet (zone.identifier)

### HIPS / PFW / Operating System Protection Evasion



Benign windows process drops PE files

System process connects to network (likely due to code injection or exploit)

### Stealing of Sensitive Information



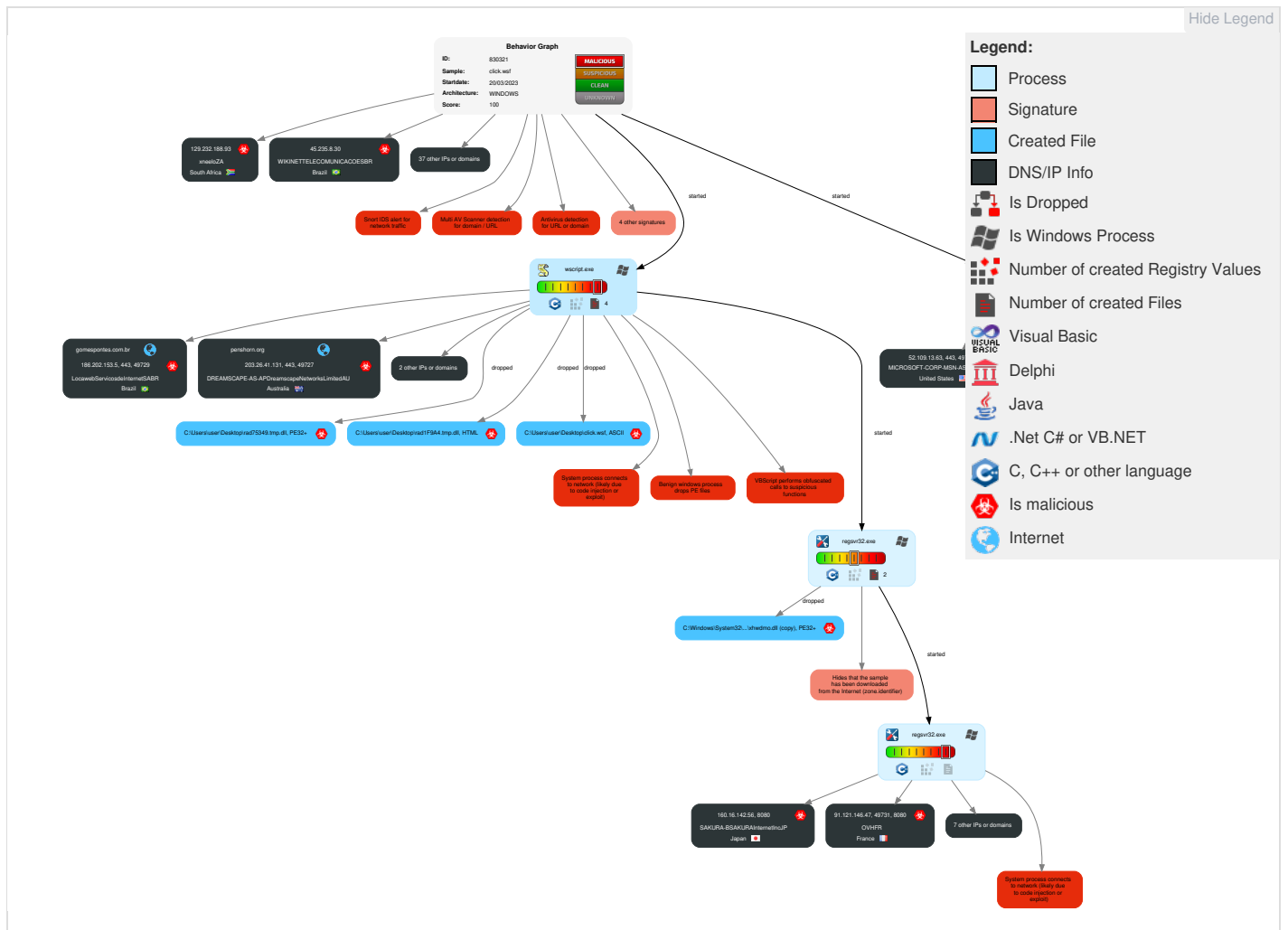
Yara detected Emotet

## Mitre Att&ck Matrix

| Initial Access | Execution        | Persistence           | Privilege Escalation       | Defense Evasion     | Credential Access     | Discovery                  | Lateral Movement | Collection                  | Exfiltration                           | Command and Control      | Network Effects                             | Remote Service Effects                      | Impact                  |
|----------------|------------------|-----------------------|----------------------------|---------------------|-----------------------|----------------------------|------------------|-----------------------------|----------------------------------------|--------------------------|---------------------------------------------|---------------------------------------------|-------------------------|
| Valid Accounts | 1 2<br>Scripting | 1<br>DLL Side-Loading | 1 1 1<br>Process Injection | 2 1<br>Masquerading | OS Credential Dumping | 1<br>System Time Discovery | Remote Services  | 1<br>Archive Collected Data | Exfiltration Over Other Network Medium | 1 1<br>Encrypted Channel | Eavesdrop on Insecure Network Communication | Remotely Track Device Without Authorization | Modify System Partition |

| Initial Access                      | Execution                              | Persistence                          | Privilege Escalation   | Defense Evasion                      | Credential Access         | Discovery                            | Lateral Movement                   | Collection                     | Exfiltration                                          | Command and Control                 | Network Effects                         | Remote Service Effects                   | Impact                                   |
|-------------------------------------|----------------------------------------|--------------------------------------|------------------------|--------------------------------------|---------------------------|--------------------------------------|------------------------------------|--------------------------------|-------------------------------------------------------|-------------------------------------|-----------------------------------------|------------------------------------------|------------------------------------------|
| Default Accounts                    | 1<br>Exploitation for Client Execution | Boot or Logon Initialization Scripts | 1<br>DLL Side-Loading  | 1<br>Virtualization/Sandbox Evasion  | LSASS Memory              | 1 2 1<br>Security Software Discovery | Remote Desktop Protocol            | Data from Removable Media      | Exfiltration Over Bluetooth                           | 1<br>Non-Standard Port              | 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 1 1<br>Process Injection           | Security Account Manager  | 1<br>Virtualization/Sandbox Evasion  | SMB/Windows Admin Shares           | Data from Network Shared Drive | Automated Exfiltration                                | 3<br>Ingress Tool Transfer          | Exploit SS7 to Track Device Location    | Obtain Device Cloud Backups              | Delete Device Data                       |
| Local Accounts                      | At (Windows)                           | Logon Script (Mac)                   | Logon Script (Mac)     | 1 2<br>Scripting                     | NTDS                      | 2<br>Process Discovery               | Distributed Component Object Model | Input Capture                  | Scheduled Transfer                                    | 4<br>Non-Application Layer Protocol | SIM Card Swap                           |                                          | Carrier Billing Fraud                    |
| Cloud Accounts                      | Cron                                   | Network Logon Script                 | Network Logon Script   | 1<br>Hidden Files and Directories    | LSA Secrets               | 1<br>Remote System Discovery         | SSH                                | Keylogging                     | Data Transfer Size Limits                             | 1 1 5<br>Application Layer Protocol | Manipulate Device Communication         |                                          | Manipulate App Store Rankings or Ratings |
| Replication Through Removable Media | Launchd                                | Rc.common                            | Rc.common              | 2<br>Obfuscated Files or Information | Cached Domain Credentials | 2<br>File and Directory Discovery    | VNC                                | GUI Input Capture              | Exfiltration Over C2 Channel                          | Multiband Communication             | Jamming or Denial of Service            |                                          | Abuse Accessibility Features             |
| External Remote Services            | Scheduled Task                         | Startup Items                        | Startup Items          | 1<br>Regsvr32                        | DCSync                    | 2 4<br>System Information Discovery  | Windows Remote Management          | Web Portal Capture             | Exfiltration Over Alternative Protocol                | Commonly Used Port                  | Rogue Wi-Fi Access Points               |                                          | Data Encrypted for Impact                |
| Drive-by Compromise                 | Command and Scripting Interpreter      | Scheduled Task/Job                   | Scheduled Task/Job     | 1<br>DLL Side-Loading                | Proc Filesystem           | Network Service Scanning             | Shared Webroot                     | Credential API Hooking         | Exfiltration Over Symmetric Encrypted Non-C2 Protocol | Application Layer Protocol          | Downgrade to Insecure Protocols         |                                          | Generate Fraudulent Advertising Revenue  |

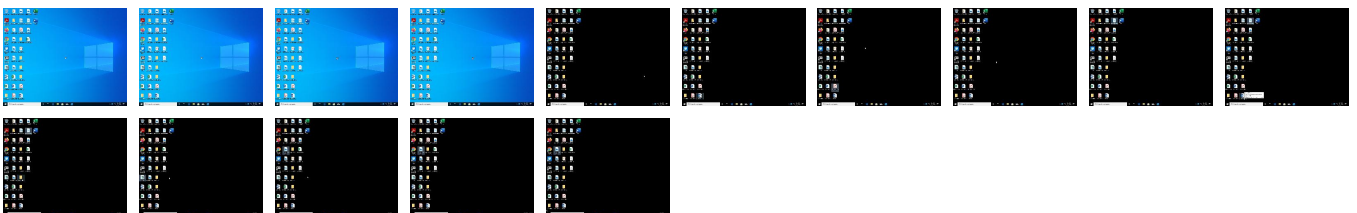
## Behavior Graph

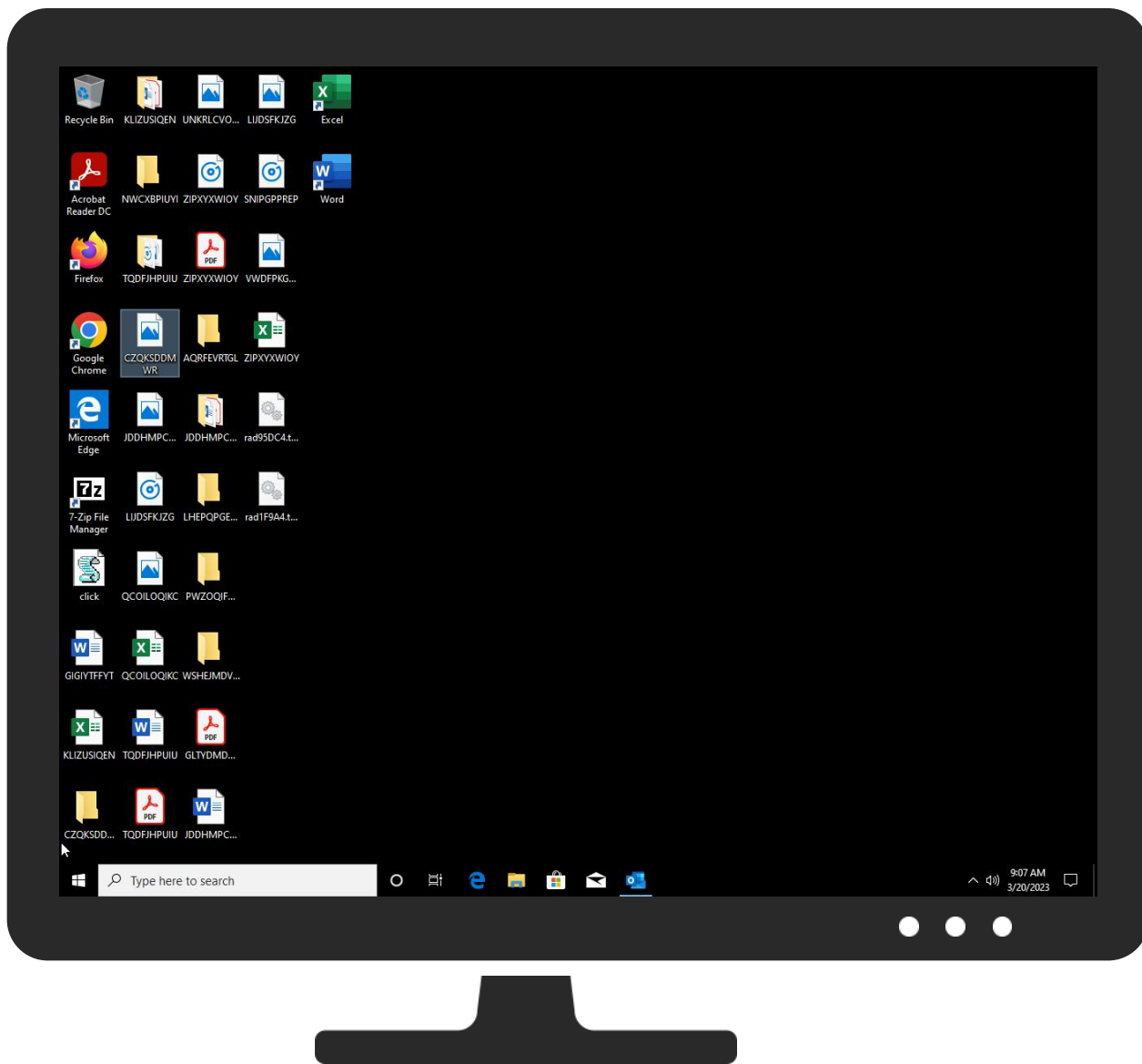


## Screenshots

### Thumbnails

This section contains all screenshots as thumbnails, including those not shown in the slideshow.





## Antivirus, Machine Learning and Genetic Malware Detection

### Initial Sample

 No Antivirus matches

### Dropped Files

| Source                                               | Detection | Scanner       | Label               | Link |
|------------------------------------------------------|-----------|---------------|---------------------|------|
| C:\Users\user\Desktop\rad75349.tmp.dll               | 79%       | ReversingLabs | Win64.Trojan.Emotet |      |
| C:\Windows\System32\BIUwZJEPejvMeG\xhwdmo.dll (copy) | 79%       | ReversingLabs | Win64.Trojan.Emotet |      |

### Unpacked PE Files

| Source                           | Detection | Scanner | Label             | Link | Download                      |
|----------------------------------|-----------|---------|-------------------|------|-------------------------------|
| 3.2.regsvr32.exe.460000.0.unpack | 100%      | Avira   | HEUR/AGEN.1215476 |      | <a href="#">Download File</a> |

### Domains

| Source             | Detection | Scanner    | Label | Link                   |
|--------------------|-----------|------------|-------|------------------------|
| bbvoyage.com       | 9%        | Virustotal |       | <a href="#">Browse</a> |
| gomespontes.com.br | 2%        | Virustotal |       | <a href="#">Browse</a> |
| penshorn.org       | 14%       | Virustotal |       | <a href="#">Browse</a> |

| Source                 | Detection | Scanner    | Label | Link                   |
|------------------------|-----------|------------|-------|------------------------|
| www.gomespontes.com.br | 5%        | Virustotal |       | <a href="#">Browse</a> |

| URLs                                                                   |           |                 |         |      |
|------------------------------------------------------------------------|-----------|-----------------|---------|------|
| Source                                                                 | Detection | Scanner         | Label   | Link |
| http://softwareulike.com/cWIYxWMPkK/                                   | 100%      | Avira URL Cloud | malware |      |
| http://wrappixels.co                                                   | 0%        | Avira URL Cloud | safe    |      |
| http://wrappixels.com/wp-admin/GdIA2oOQEiO5G/H#K#0                     | 100%      | Avira URL Cloud | malware |      |
| http://https://160.16.142.56:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/      | 0%        | Avira URL Cloud | safe    |      |
| http://https://160.16.142.56:8080/M                                    | 0%        | Avira URL Cloud | safe    |      |
| http://https://187.63.160.88:80/wfqhlvcfruxkwghn/ivirkxueekmcz/VnX     | 100%      | Avira URL Cloud | malware |      |
| http://https://66.228.32.31:7080/wfqhlvcfruxkwghn/ivirkxueekmcz/       | 100%      | Avira URL Cloud | malware |      |
| http://https://91.121.146.47:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/X     | 100%      | Avira URL Cloud | malware |      |
| http://https://bbvoyage.com/useragreement/EIKHvb4QIQqSrh6Hqm/          | 100%      | Avira URL Cloud | malware |      |
| http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/bK   | 100%      | Avira URL Cloud | malware |      |
| http://https://104.168.155.143:8080/Y                                  | 100%      | Avira URL Cloud | malware |      |
| http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/z    | 100%      | Avira URL Cloud | malware |      |
| http://https://163.44.196.120:8080/                                    | 100%      | Avira URL Cloud | malware |      |
| http://https://91.121.146.47:8080/                                     | 100%      | Avira URL Cloud | malware |      |
| http://https://www.gomespontes.com.br/logs/pd/vM                       | 100%      | Avira URL Cloud | malware |      |
| http://https://167.172.199.165:8080/I                                  | 100%      | Avira URL Cloud | malware |      |
| http://https://portalevolucao.com/GenerBoleto/fLIOoFbFs1jHtX/cw34006   | 100%      | Avira URL Cloud | malware |      |
| http://https://167.172.199.165:8080/                                   | 100%      | Avira URL Cloud | malware |      |
| http://https://91.121.146.47:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/dllgz | 100%      | Avira URL Cloud | malware |      |
| http://https://187.63.160.88:80/wfqhlvcfruxkwghn/ivirkxueekmcz/        | 100%      | Avira URL Cloud | malware |      |
| http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/     | 100%      | Avira URL Cloud | malware |      |
| http://https://www.gomespontes.com.br/s                                | 0%        | Avira URL Cloud | safe    |      |
| http://ozmeydan.com/cekici/9/                                          | 100%      | Avira URL Cloud | malware |      |
| http://https://164.90.222.65/)                                         | 100%      | Avira URL Cloud | malware |      |
| http://https://www.gomespontes.com.br/logs/pd/                         | 100%      | Avira URL Cloud | malware |      |
| http://https://portalevolucao.com/GenerBoleto/fLIOoFbFs1jHtX/wM        | 100%      | Avira URL Cloud | malware |      |
| http://https://160.16.142.56:8080/wfqhlvcfruxkwghn/ivirkxueekmcz//     | 0%        | Avira URL Cloud | safe    |      |
| http://https://penshorn.org/admin/Ses8712iGR8du/tM                     | 100%      | Avira URL Cloud | malware |      |
| http://https://104.168.155.143:8080/4                                  | 100%      | Avira URL Cloud | malware |      |
| http://https://www.gomespontes.com.br/                                 | 0%        | Avira URL Cloud | safe    |      |
| http://https://164.90.222.65/wfqhlvcfruxkwghn/ivirkxueekmcz/           | 100%      | Avira URL Cloud | malware |      |
| http://https://bbvoyage.com/useragreement/EIKHvb4QIQqSrh6Hqm/uM        | 100%      | Avira URL Cloud | malware |      |
| http://https://167.172.199.165:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/    | 100%      | Avira URL Cloud | malware |      |
| http://wrappixels.com/wp-admin/GdIA2oOQEiO5G/                          | 100%      | Avira URL Cloud | malware |      |
| http://https://penshorn.org/admin/Ses8712iGR8du/                       | 100%      | Avira URL Cloud | malware |      |
| http://softwareulike.com/cWIYxWMPkK/yM                                 | 100%      | Avira URL Cloud | malware |      |
| http://https://104.168.155.143:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/    | 100%      | Avira URL Cloud | malware |      |
| http://https://66.228.32.31:7080/wfqhlvcfruxkwghn/ivirkxueekmcz/.DLL   | 100%      | Avira URL Cloud | malware |      |
| http://ozmeydan.com/cekici/9/xM                                        | 100%      | Avira URL Cloud | malware |      |
| http://wrappixels.com/wp-admin/GdIA2oOQEiO5G/dll                       | 100%      | Avira URL Cloud | malware |      |
| http://https://104.168.155.143:8080/P                                  | 100%      | Avira URL Cloud | malware |      |
| http://https://www.gomespontes.com.br/logs/pd/I                        | 100%      | Avira URL Cloud | malware |      |
| http://https://104.168.155.143:8080/                                   | 100%      | Avira URL Cloud | malware |      |
| http://https://portalevolucao.com/GenerBoleto/fLIOoFbFs1jHtX/          | 100%      | Avira URL Cloud | malware |      |
| http://wrappixels.com/wp-admin/GdIA2oOQEiO5G/zM                        | 100%      | Avira URL Cloud | malware |      |
| http://https://160.16.142.56:8080/                                     | 0%        | Avira URL Cloud | safe    |      |
| http://https://91.121.146.47:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/      | 100%      | Avira URL Cloud | malware |      |
| http://https://penshorn.org/admin/Ses8712iGR8du/95DC4.tmp.dll(         | 100%      | Avira URL Cloud | malware |      |
| http://https://www.gomespontes.com.br/logs/pd/0w                       | 100%      | Avira URL Cloud | malware |      |
| http://softwareulike.com/cWIYxWMPkK/_                                  | 100%      | Avira URL Cloud | malware |      |
| http://https://160.16.142.56:8080/)                                    | 0%        | Avira URL Cloud | safe    |      |
| http://https://bbvoyage.com/useragreement/EIKHvb4QIQqSrh6Hqm/476       | 100%      | Avira URL Cloud | malware |      |

## Domains and IPs

| Contacted Domains |      |
|-------------------|------|
| 1                 | 100% |
| 2                 | 100% |
| 3                 | 100% |
| 4                 | 100% |
| 5                 | 100% |
| 6                 | 100% |
| 7                 | 100% |
| 8                 | 100% |
| 9                 | 100% |
| 10                | 100% |
| 11                | 100% |
| 12                | 100% |
| 13                | 100% |
| 14                | 100% |
| 15                | 100% |
| 16                | 100% |
| 17                | 100% |
| 18                | 100% |
| 19                | 100% |
| 20                | 100% |
| 21                | 100% |
| 22                | 100% |
| 23                | 100% |
| 24                | 100% |
| 25                | 100% |
| 26                | 100% |
| 27                | 100% |
| 28                | 100% |
| 29                | 100% |
| 30                | 100% |
| 31                | 100% |
| 32                | 100% |
| 33                | 100% |
| 34                | 100% |
| 35                | 100% |
| 36                | 100% |
| 37                | 100% |
| 38                | 100% |
| 39                | 100% |
| 40                | 100% |
| 41                | 100% |
| 42                | 100% |
| 43                | 100% |
| 44                | 100% |
| 45                | 100% |
| 46                | 100% |
| 47                | 100% |
| 48                | 100% |
| 49                | 100% |
| 50                | 100% |
| 51                | 100% |
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| 53                | 100% |
| 54                | 100% |
| 55                | 100% |
| 56                | 100% |
| 57                | 100% |
| 58                | 100% |
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| 60                | 100% |
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| 62                | 100% |
| 63                | 100% |
| 64                | 100% |
| 65                | 100% |
| 66                | 100% |
| 67                | 100% |
| 68                | 100% |
| 69                | 100% |
| 70                | 100% |
| 71                | 100% |
| 72                | 100% |
| 73                | 100% |
| 74                | 100% |
| 75                | 100% |
| 76                | 100% |
| 77                | 100% |
| 78                | 100% |
| 79                | 100% |
| 80                | 100% |
| 81                | 100% |
| 82                | 100% |
| 83                | 100% |
| 84                | 100% |
| 85                | 100% |
| 86                | 100% |
| 87                | 100% |
| 88                | 100% |
| 89                | 100% |
| 90                | 100% |
| 91                | 100% |
| 92                | 100% |
| 93                | 100% |
| 94                | 100% |
| 95                | 100% |
| 96                | 100% |
| 97                | 100% |
| 98                | 100% |
| 99                | 100% |
| 100               | 100% |

| Name                   | IP            | Active  | Malicious | Antivirus Detection                       | Reputation |
|------------------------|---------------|---------|-----------|-------------------------------------------|------------|
| bbvoyage.com           | 31.31.196.172 | true    | true      | • 9%, Virustotal, <a href="#">Browse</a>  | unknown    |
| gomespontes.com.br     | 186.202.153.5 | true    | true      | • 2%, Virustotal, <a href="#">Browse</a>  | unknown    |
| penshorn.org           | 203.26.41.131 | true    | true      | • 14%, Virustotal, <a href="#">Browse</a> | unknown    |
| www.gomespontes.com.br | unknown       | unknown | true      | • 5%, Virustotal, <a href="#">Browse</a>  | unknown    |

| Category       | Item               | Value |
|----------------|--------------------|-------|
| Contacted URLs | URLs contacted     | 100   |
|                | URLs not contacted | 0     |

| Name                                                                                                                                      | Malicious | Antivirus Detection                                                      | Reputation |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------|------------|
| <a href="http://https://bbvoyage.com/useragreement/EIKHvb4QIQqSrh6Hqm/">http://https://bbvoyage.com/useragreement/EIKHvb4QIQqSrh6Hqm/</a> | true      | <ul style="list-style-type: none"><li>Avira URL Cloud: malware</li></ul> | unknown    |
| <a href="http://https://www.gomespontes.com.br/logs/pd/">http://https://www.gomespontes.com.br/logs/pd/</a>                               | true      | <ul style="list-style-type: none"><li>Avira URL Cloud: malware</li></ul> | unknown    |
| <a href="http://https://164.90.222.65/wfqhlvcfruxkwghn/ivirkxueekmcz/">http://https://164.90.222.65/wfqhlvcfruxkwghn/ivirkxueekmcz/</a>   | true      | <ul style="list-style-type: none"><li>Avira URL Cloud: malware</li></ul> | unknown    |
| <a href="http://https://penshorn.org/admin/Ses8712iGR8du/">http://https://penshorn.org/admin/Ses8712iGR8du/</a>                           | true      | <ul style="list-style-type: none"><li>Avira URL Cloud: malware</li></ul> | unknown    |

## URLs from Memory and Binaries

| Name                                               | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Malicious | Antivirus Detection                                                      | Reputation |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------|------------|
| http://wrappixels.com/wp-admin/GdIA2oOQEiO5G/H#K#0 | wscript.exe, 00000001.00000003.1417301254.000002D845C83000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | false     | <ul style="list-style-type: none"><li>Avira URL Cloud: malware</li></ul> | unknown    |
| http://wrappixels.co                               | wscript.exe, 00000001.00000003.1542741778.000002D845C90000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | true      | <ul style="list-style-type: none"><li>Avira URL Cloud: safe</li></ul>    | unknown    |
| http://softwareulike.com/cWIYxWMPkK/               | wscript.exe, wscript.exe, 00000001.00000003.1529404109.000002D8463EE000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1521966849.000002D84626F000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1548494229.000002D846412000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1505842083.000002D845E4E000.0000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1526888779.000002D8462D5000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1526294634.000002D84631A000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1528804146.000002D8462B3000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1530447488.000002D846461000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1509441394.000002D845E4A000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1507610198.000002D845DF6000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1507946268.000002D845ED2000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1548494229.000002D8463EE000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1504930637.000002D8466C5000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1514390296.000002D84600D000.0000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1507946268.000002D845EB1000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1511499007.000002D845F4D000.0000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1527492027.000002D846291000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1519488621.000002D846065000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1507946268.000002D845E94000.00000004.00000020.00020000.00000000.sdmp | true      | <ul style="list-style-type: none"><li>Avira URL Cloud: malware</li></ul> | unknown    |

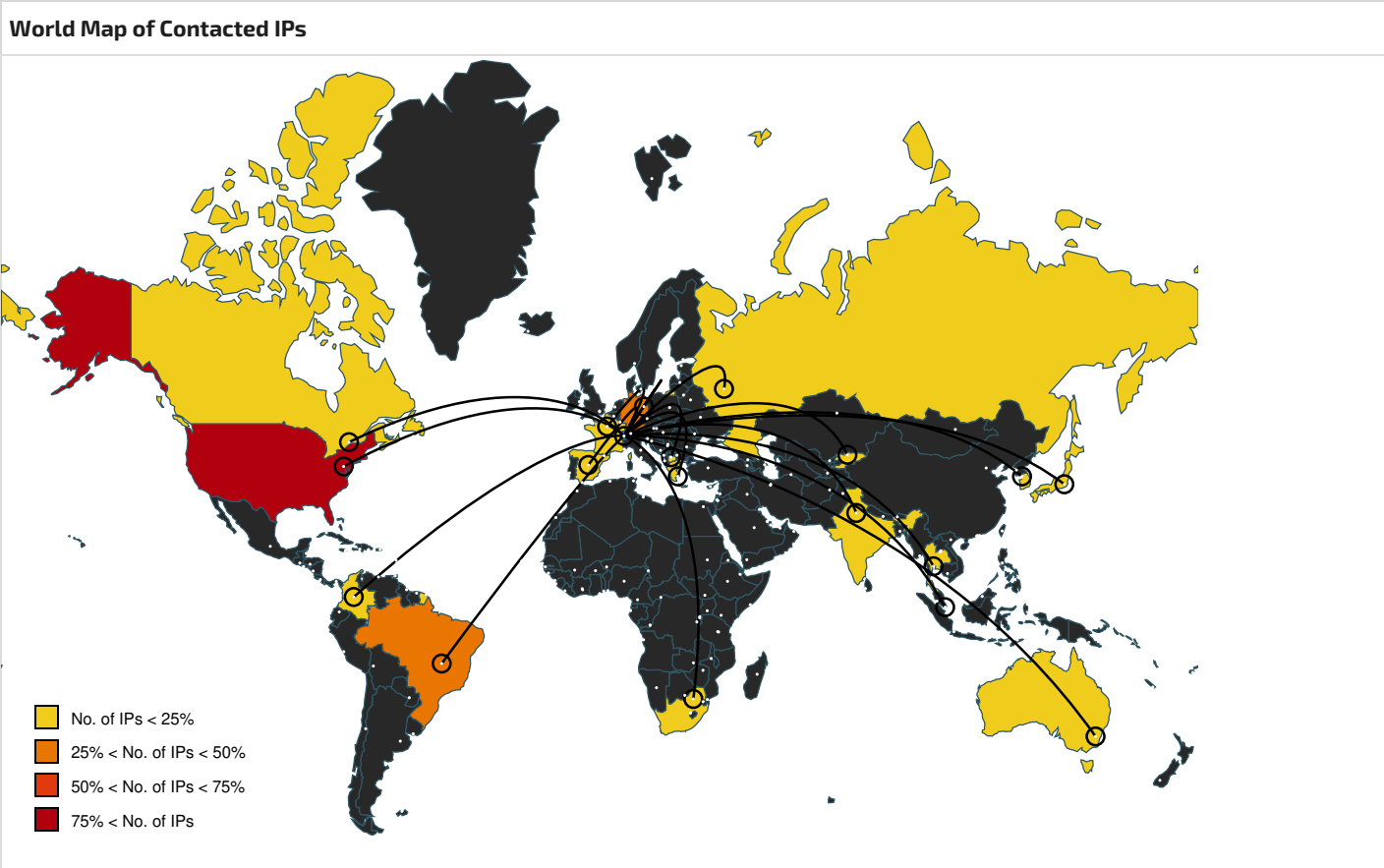
| Name                                                                                                                                                        | Source                                                                                                                                                                                                                                                                                                                                      | Malicious | Antivirus Detection        | Reputation |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|------------|
| <a href="http://160.16.142.56:8080/M">http://160.16.142.56:8080/M</a>                                                                                       | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D51000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: safe    | unknown    |
| <a href="http://https://160.16.142.56:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/">http://https://160.16.142.56:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/</a>           | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp, regsvr32.exe, 0000<br>0004.00000002.2661608245.0000000000D6800<br>0.00000004.00000020.00020000.00000000.sdmp                                                                                                                  | false     | • Avira URL Cloud: safe    | unknown    |
| <a href="http://https://187.63.160.88:80/wfqhlvcfruxkwghn/ivirkxueekmcz/VnX">http://https://187.63.160.88:80/wfqhlvcfruxkwghn/ivirkxueekmcz/VnX</a>         | regsvr32.exe, 00000004.00000003.23673423<br>15.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://66.228.32.31:7080/wfqhlvcfruxkwghn/ivirkxueekmcz/">http://https://66.228.32.31:7080/wfqhlvcfruxkwghn/ivirkxueekmcz/</a>             | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp, regsvr32.exe, 0000<br>0004.00000003.2367342315.0000000000D5800<br>0.00000004.00000020.00020000.00000000.sdmp                                                                                                                  | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://91.121.146.47:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/X">http://https://91.121.146.47:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/X</a>         | regsvr32.exe, 00000004.00000003.18684385<br>31.0000000000D08000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://104.168.155.143:8080/Y">http://https://104.168.155.143:8080/Y</a>                                                                   | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/bK">http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/bK</a>     | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://91.121.146.47:8080/">http://https://91.121.146.47:8080/</a>                                                                         | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000CFB000.00000004.00000020.00<br>020000.00000000.sdmp, regsvr32.exe, 0000<br>0004.00000003.2367342315.0000000000CF600<br>0.00000004.00000020.00020000.00000000.sdmp,<br>regsvr32.exe, 00000004.00000003.1868438531.000<br>0000000CE0000.00000004.00000020.00020000<br>.00000000.sdmp | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://163.44.196.120:8080/">http://https://163.44.196.120:8080/</a>                                                                       | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/z">http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/z</a>       | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D51000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://www.gomespontes.com.br/logs/pd/vM">http://https://www.gomespontes.com.br/logs/pd/vM</a>                                             | wscript.exe, 00000001.00000003.141722746<br>8.000002D845C90000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1542741778.000002D845C90000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                    | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://portalevolucao.com/GerarBoleto/fLIOoFbFs1jHtX/cw34006">http://https://portalevolucao.com/GerarBoleto/fLIOoFbFs1jHtX/cw34006</a>     | wscript.exe, 00000001.00000003.153199278<br>0.000002D8464BA000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000002.1552238532.000002D8464BB000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                    | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://167.172.199.165:8080/I">http://https://167.172.199.165:8080/I</a>                                                                   | regsvr32.exe, 00000004.00000003.23673423<br>15.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://167.172.199.165:8080/">http://https://167.172.199.165:8080/</a>                                                                     | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp, regsvr32.exe, 0000<br>0004.00000003.2367342315.0000000000D5800<br>0.00000004.00000020.00020000.00000000.sdmp                                                                                                                  | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://91.121.146.47:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/dllgz">http://https://91.121.146.47:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/dllgz</a> | regsvr32.exe, 00000004.00000002.26609860<br>60.0000000000C99000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://187.63.160.88:80/wfqhlvcfruxkwghn/ivirkxueekmcz/">http://https://187.63.160.88:80/wfqhlvcfruxkwghn/ivirkxueekmcz/</a>               | regsvr32.exe, 00000004.00000003.23673423<br>15.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/">http://https://163.44.196.120:8080/wfqhlvcfruxkwghn/ivirkxueekmcz/</a>         | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://www.gomespontes.com.br/s">http://https://www.gomespontes.com.br/s</a>                                                               | wscript.exe, 00000001.00000002.155471080<br>7.000002D846747000.00000004.00000020.000<br>20000.00000000.sdmp                                                                                                                                                                                                                                 | false     | • Avira URL Cloud: safe    | unknown    |

| Name                                                               | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Malicious | Antivirus Detection                                                        | Reputation |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------|------------|
| http://ozmeydan.com/cekici/9/                                      | wscript.exe, wscript.exe, 00000001.00000003.1529404109.000002D8463EE000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1521966849.000002D84626F000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1548494229.000002D846412000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000001.00000003.1505842083.000002D845E4E000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000001.00000003.1526888779.000002D8462D5000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1526294634.000002D84631A000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1528804146.000002D8462B3000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1530447488.000002D846461000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1509441394.000002D845E4A000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1507610198.000002D845DF6000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1507946268.000002D845ED2000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1548494229.000002D8463EE000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1504930637.000002D8466C5000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1514390296.000002D84600D000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.151499007.000002D845F4D000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1527492027.000002D846291000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1519488621.000002D846065000.00000004.00000020.00020000.00000000.sdmp | true      | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://164.90.222.65/)                                     | regsvr32.exe, 00000004.00000003.2367342315.0000000000D51000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://portalevolucao.com/GerarBoleto/fLIOoFbFs1jHtX/wM    | wscript.exe, 00000001.00000003.1417227468.000002D845C90000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1542741778.000002D845C90000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://160.16.142.56:8080/wfqhlvcfruxkwghn/ivirkxueekmcz// | regsvr32.exe, 00000004.00000002.2661608245.0000000000D58000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>    | unknown    |
| http://https://penshorn.org/admin/Ses8712iGR8du/tM                 | wscript.exe, 00000001.00000003.1417227468.000002D845C90000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1542741778.000002D845C90000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://104.168.155.143:8080/4                              | regsvr32.exe, 00000004.00000002.2661608245.0000000000D58000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://www.gomespontes.com.br/                             | wscript.exe, 00000001.00000003.1537553114.000002D84656F000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1542696917.000002D846570000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1540601110.000002D846570000.00000004.00000020.00020000.00000000.sdmp, wscript.exe, 00000001.00000003.1545756551.000002D8465700.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | true      | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>    | unknown    |

| Name                                                                         | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Malicious | Antivirus Detection        | Reputation |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|------------|
| http://<br>https://bbvoyage.com/useragreement/EIKHvb4QIQqSr<br>h6Hqm/uM      | wscript.exe, 00000001.00000003.141722746<br>8.000002D845C90000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1542741778.000002D845C90000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | true      | • Avira URL Cloud: malware | unknown    |
| http://<br>https://66.228.32.31:7080/wfqhlvcfruxkwghn/ivirkxueek<br>mcz/.DLL | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp, regsvr32.exe, 0000<br>0004.00000003.2367342315.0000000000D5800<br>0.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | false     | • Avira URL Cloud: malware | unknown    |
| http://wrappixels.com/wp-admin/GdIA2oOQEiO5G/                                | wscript.exe, wscript.exe, 00000001.00000003.152940<br>4109.000002D8463EE000.00000004.00000020.<br>00020000.00000000.sdmp, wscript.exe, 000<br>00001.00000003.1521966849.000002D84626F0<br>00.00000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.1548494229.000<br>002D846412000.00000004.00000020.00020000<br>.00000000.sdmp, wscript.exe, 00000001.00<br>000003.1505842083.000002D845E4E000.00000<br>004.00000020.00020000.00000000.sdmp, wsc<br>ript.exe, 00000001.00000003.1526888779.0<br>00002D8462D5000.00000004.00000020.000200<br>00.00000000.sdmp, wscript.exe, 00000001.<br>00000003.1526294634.000002D84631A000.000<br>00004.00000020.00020000.00000000.sdmp, w<br>script.exe, 00000001.00000003.1528804146<br>.000002D8462B3000.00000004.00000020.0002<br>0000.00000000.sdmp, wscript.exe, 00000000<br>1.00000002.1552503322.000002D84653C000.0<br>0000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.15304474<br>88.000002D846461000.00000004.00000020.00<br>020000.00000000.sdmp, wscript.exe, 00000<br>001.00000003.1509441394.000002D845E4A000<br>.00000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.1507610198.00000<br>2D845DF6000.00000004.00000020.00020000.0<br>0000000.sdmp, wscript.exe, 00000001.0000<br>0003.1507946268.000002D845ED2000.0000000<br>4.00000020.00020000.00000000.sdmp, wscript.exe,<br>00000001.00000003.1548494229.000002D8463EE<br>000.00000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.1504930637.00<br>0002D8466C5000.00000004.00000020.0002000<br>0.00000000.sdmp, wscript.exe, 00000001.0<br>0000003.1514390296.000002D84600D000.0000<br>0004.00000020.00020000.00000000.sdmp, ws<br>cript.exe, 00000001.00000003.1507946268.<br>000002D845EB1000.00000004.00000020.00020<br>000.00000000.sdmp, wscript.exe, 00000001<br>.00000003.1511499007.000002D845F4D000.00<br>000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.152749202<br>7.000002D846291000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1519488621.000002D846065000.<br>00000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.1507946268.000002<br>D845E94000.00000004.00000020.00020000.00<br>000000.sdmp | true      | • Avira URL Cloud: malware | unknown    |
| http://softwareulike.com/cWIYxWMPkK/yM                                       | wscript.exe, 00000001.00000003.141722746<br>8.000002D845C90000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1542741778.000002D845C90000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | false     | • Avira URL Cloud: malware | unknown    |
| http://<br>https://167.172.199.165:8080/wfqhlvcfruxkwghn/ivirkxu<br>eekmcz/  | regsvr32.exe, 00000004.00000003.23673423<br>15.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     | • Avira URL Cloud: malware | unknown    |
| http://<br>https://104.168.155.143:8080/wfqhlvcfruxkwghn/ivirkxu<br>eekmcz/  | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000CD4000.00000004.00000020.00<br>020000.00000000.sdmp, regsvr32.exe, 0000<br>0004.00000002.2661608245.0000000000CEB00<br>0.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | false     | • Avira URL Cloud: malware | unknown    |
| http://wrappixels.com/wp-admin/GdIA2oOQEiO5G/dll                             | wscript.exe, 00000001.00000002.155184081<br>4.000002D84606B000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1514223112.000002D84605E000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | false     | • Avira URL Cloud: malware | unknown    |
| http://ozmeydan.com/cekici/9/xM                                              | wscript.exe, 00000001.00000003.141722746<br>8.000002D845C90000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1542741778.000002D845C90000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | false     | • Avira URL Cloud: malware | unknown    |

| Name                                                                      | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Malicious | Antivirus Detection                                                        | Reputation |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------|------------|
| http://https://104.168.155.143:8080/P                                     | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://www.gomespontes.com.br/logs/pd/l                           | wscript.exe, 00000001.00000002.155184081<br>4.000002D84606B000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1514223112.000002D84605E000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://104.168.155.143:8080/                                      | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D58000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://<br>https://portalevolucao.com/GerarBoleto/fLlOoFbFs1jHt<br>X/     | wscript.exe, wscript.exe, 00000001.00000003.152940<br>4109.000002D8463EE000.00000004.00000020.<br>00020000.00000000.sdmp, wscript.exe, 000<br>00001.00000003.1521966849.000002D84626F0<br>00.00000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.1548494229.000<br>002D846412000.00000004.00000020.00020000<br>.00000000.sdmp, wscript.exe, 00000001.00<br>000003.1505842083.000002D845E4E000.00000<br>004.00000020.00020000.00000000.sdmp, wsc<br>ript.exe, 00000001.00000003.1526888779.0<br>00002D8462D5000.00000004.00000020.000200<br>00.00000000.sdmp, wscript.exe, 00000001.<br>00000003.1526294634.000002D84631A000.000<br>00004.00000020.00020000.00000000.sdmp, w<br>script.exe, 00000001.00000003.1528804146<br>.000002D8462B3000.00000004.00000020.0002<br>0000.00000000.sdmp, wscript.exe, 00000000<br>1.00000002.1552503322.000002D84653C000.0<br>0000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.15304474<br>88.000002D846461000.00000004.00000020.00<br>020000.00000000.sdmp, wscript.exe, 00000<br>001.00000003.1509441394.000002D845E4A000<br>.00000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.1507610198.00000<br>2D845DF6000.00000004.00000020.00020000.0<br>0000000.sdmp, wscript.exe, 00000001.0000<br>0003.1507946268.000002D845ED2000.0000000<br>4.00000020.00020000.00000000.sdmp, wscript.exe,<br>00000001.00000003.1548494229.000002D8463EE<br>000.00000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.1504930637.00<br>0002D8466C5000.00000004.00000020.0002000<br>0.00000000.sdmp, wscript.exe, 00000001.0<br>0000003.1514390296.000002D84600D000.0000<br>0004.00000020.00020000.00000000.sdmp, ws<br>cript.exe, 00000001.00000003.1507946268.<br>000002D845EB1000.00000004.00000020.00020<br>000.00000000.sdmp, wscript.exe, 00000001<br>.00000003.1511499007.000002D845F4D000.00<br>000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.152749202<br>7.000002D846291000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1519488621.000002D846065000.<br>00000004.00000020.00020000.00000000.sdmp,<br>wscript.exe, 00000001.00000003.1507946268.000002<br>D845E94000.00000004.00000020.00020000.00<br>000000.sdmp | true      | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://wrappixels.com/wp-admin/GdIA2oOQEiO5G/zM                           | wscript.exe, 00000001.00000003.141722746<br>8.000002D845C90000.00000004.00000020.000<br>20000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://160.16.142.56:8080/                                        | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D6A000.00000004.00000020.00<br>020000.00000000.sdmp, regsvr32.exe, 0000<br>0004.00000002.2661608245.0000000000D5100<br>0.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>    | unknown    |
| http://<br>https://91.121.146.47:8080/wfqhlvcfruxkwghn/ivirkxuee<br>kmcz/ | regsvr32.exe, 00000004.00000002.26609860<br>60.0000000000C99000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://<br>https://penshorn.org/admin/Ses8712iGR8du/95DC4.t<br>m.p.dll(   | wscript.exe, 00000001.00000002.155184081<br>4.000002D84606B000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000003.1514223112.000002D84605E000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://www.gomespontes.com.br/logs/pd/0w                          | wscript.exe, 00000001.00000003.154134973<br>2.000002D846702000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000002.1553706057.000002D84672F000.<br>00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |

| Name                                                                     | Source                                                                                                                                                                                                                   | Malicious | Antivirus Detection                                                        | Reputation |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------|------------|
| http://softwareulike.com/cWIYxWMPkK/_                                    | wscript.exe, 00000001.00000003.141730125<br>4.000002D845C83000.00000004.00000020.000<br>20000.00000000.sdmp                                                                                                              | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| http://https://160.16.142.56:8080/)                                      | regsvr32.exe, 00000004.00000002.26616082<br>45.0000000000D51000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                             | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>    | unknown    |
| http://<br>https://bbvoyage.com/useragreement/EIKHvb4QIQqSr<br>h6Hqm/476 | wscript.exe, 00000001.00000003.153199278<br>0.000002D8464BA000.00000004.00000020.000<br>20000.00000000.sdmp, wscript.exe, 000000<br>01.00000002.1552238532.000002D8464BB000.<br>00000004.00000020.00020000.00000000.sdmp | true      | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |



| Public IPs      |                    |                    |      |        |                                              |           |
|-----------------|--------------------|--------------------|------|--------|----------------------------------------------|-----------|
| IP              | Domain             | Country            | Flag | ASN    | ASN Name                                     | Malicious |
| 52.109.13.63    | unknown            | United States      |      | 8075   | MICROSOFT-CORP-MSN-AS-BLOCKUS                | false     |
| 110.232.117.186 | unknown            | Australia          |      | 56038  | RACKCORP-APRackCorpAU                        | true      |
| 103.132.242.26  | unknown            | India              |      | 45117  | INPL-IN-APishansNetworkIN                    | true      |
| 104.168.155.143 | unknown            | United States      |      | 54290  | HOSTWINDSUS                                  | true      |
| 79.137.35.198   | unknown            | France             |      | 16276  | OVHFR                                        | true      |
| 115.68.227.76   | unknown            | Korea Republic of  |      | 38700  | SMILESERV-AS-KRSMILESERVKR                   | true      |
| 163.44.196.120  | unknown            | Singapore          |      | 135161 | GMO-Z-COM-THGMO-ZcomNetDesignHoldingsCoLtdSG | true      |
| 206.189.28.199  | unknown            | United States      |      | 14061  | DIGITALOCEAN-ASNUS                           | true      |
| 31.31.196.172   | bbvoyage.com       | Russian Federation |      | 197695 | AS-REGRU                                     | true      |
| 186.202.153.5   | gomespontes.com.br | Brazil             |      | 27715  | LocawebServicosdeInternetSABR                | true      |
| 203.26.41.131   | penshorn.org       | Australia          |      | 38719  | DREAMSCAPE-AS-APDreamscapeNetworksLimitedAU  | true      |
| 107.170.39.149  | unknown            | United States      |      | 14061  | DIGITALOCEAN-ASNUS                           | true      |
| 66.228.32.31    | unknown            | United States      |      | 63949  | LINODE-APLinodeLLCUS                         | true      |
| 197.242.150.244 | unknown            | South Africa       |      | 37611  | AfrihostZA                                   | true      |
| 185.4.135.165   | unknown            | Greece             |      | 199246 | TOPHOSTGR                                    | true      |

| IP              | Domain  | Country           | Flag                                                                                | ASN    | ASN Name                                         | Malicious |
|-----------------|---------|-------------------|-------------------------------------------------------------------------------------|--------|--------------------------------------------------|-----------|
| 183.111.227.137 | unknown | Korea Republic of |    | 4766   | KIXS-AS-KRKoreaTelecomKR                         | true      |
| 45.176.232.124  | unknown | Colombia          |    | 267869 | CABLEYTELECOMUNICACIONESDECOLOMBIASASCABLETELCOC | true      |
| 169.57.156.166  | unknown | United States     |    | 36351  | SOFTLAYERUS                                      | true      |
| 164.68.99.3     | unknown | Germany           |    | 51167  | CONTABODE                                        | true      |
| 139.59.126.41   | unknown | Singapore         |    | 14061  | DIGITALOCEAN-ASNUS                               | true      |
| 167.172.253.162 | unknown | United States     |    | 14061  | DIGITALOCEAN-ASNUS                               | true      |
| 167.172.199.165 | unknown | United States     |    | 14061  | DIGITALOCEAN-ASNUS                               | true      |
| 202.129.205.3   | unknown | Thailand          |    | 45328  | NIPA-AS-THNIPATECHNOLOGYCOLTDTH                  | true      |
| 147.139.166.154 | unknown | United States     |    | 45102  | CNNIC-ALIBABA-US-NET-APAlibabaUSTechnologyCoLtdC | true      |
| 153.92.5.27     | unknown | Germany           |    | 47583  | AS-HOSTINGERLT                                   | true      |
| 159.65.88.10    | unknown | United States     |    | 14061  | DIGITALOCEAN-ASNUS                               | true      |
| 172.105.226.75  | unknown | United States     |    | 63949  | LINODE-APLinodeLLCUS                             | true      |
| 164.90.222.65   | unknown | United States     |    | 14061  | DIGITALOCEAN-ASNUS                               | true      |
| 213.239.212.5   | unknown | Germany           |    | 24940  | HETZNER-ASDE                                     | true      |
| 5.135.159.50    | unknown | France            |    | 16276  | OVHFR                                            | true      |
| 186.194.240.217 | unknown | Brazil            |    | 262733 | NetceteraTelecomunicacoesLtdaBR                  | true      |
| 119.59.103.152  | unknown | Thailand          |    | 56067  | METRABYTE-TH453LadplacoutJorakhaebuath           | true      |
| 159.89.202.34   | unknown | United States     |    | 14061  | DIGITALOCEAN-ASNUS                               | true      |
| 91.121.146.47   | unknown | France            |    | 16276  | OVHFR                                            | true      |
| 160.16.142.56   | unknown | Japan             |  | 9370   | SAKURA-BSAKURAIInternetIncJP                     | true      |
| 201.94.166.162  | unknown | Brazil            |  | 28573  | CLAROSABR                                        | true      |
| 91.207.28.33    | unknown | Kyrgyzstan        |  | 39819  | PROHOSTKG                                        | true      |
| 103.75.201.2    | unknown | Thailand          |  | 133496 | CDNPLUSCOLTD-AS-APCDNPLUSCOLTDTH                 | true      |
| 103.43.75.120   | unknown | Japan             |  | 20473  | AS-CHOOPAUS                                      | true      |
| 188.44.20.25    | unknown | Macedonia         |  | 57374  | GIV-ASMK                                         | true      |
| 45.235.8.30     | unknown | Brazil            |  | 267405 | WIKINETTELECOMUNICACOESBR                        | true      |
| 153.126.146.25  | unknown | Japan             |  | 7684   | SAKURA-ASAKURAIInternetIncJP                     | true      |
| 72.15.201.15    | unknown | United States     |  | 13649  | ASN-VINSUS                                       | true      |
| 187.63.160.88   | unknown | Brazil            |  | 28169  | BITCOMPROVEDORDESERVICOSDEINTERNETLTDA BR        | true      |
| 82.223.21.224   | unknown | Spain             |  | 8560   | ONEANDONE-ASBrauerstrasse48DE                    | true      |
| 173.212.193.249 | unknown | Germany           |  | 51167  | CONTABODE                                        | true      |
| 95.217.221.146  | unknown | Germany           |  | 24940  | HETZNER-ASDE                                     | true      |
| 149.56.131.28   | unknown | Canada            |  | 16276  | OVHFR                                            | true      |
| 182.162.143.56  | unknown | Korea Republic of |  | 3786   | LGDACOMLGDACOMCorporationKR                      | true      |
| 1.234.2.232     | unknown | Korea Republic of |  | 9318   | SKB-ASSKBBroadbandCoLtdKR                        | true      |
| 192.229.221.95  | unknown | United States     |  | 15133  | EDGECASTUS                                       | false     |
| 129.232.188.93  | unknown | South Africa      |  | 37153  | xneeloZA                                         | true      |
| 52.109.76.141   | unknown | United States     |  | 8075   | MICROSOFT-CORP-MSN-AS-BLOCKUS                    | false     |
| 94.23.45.86     | unknown | France            |  | 16276  | OVHFR                                            | true      |

## General Information

|                      |              |
|----------------------|--------------|
| Joe Sandbox Version: | 37.0.0 Beryl |
| Analysis ID:         | 830321       |

|                                                    |                                                                                                                                                                                    |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start date and time:                               | 2023-03-20 09:06:00 +01:00                                                                                                                                                         |
| Joe Sandbox Product:                               | CloudBasic                                                                                                                                                                         |
| Overall analysis duration:                         | 0h 5m 52s                                                                                                                                                                          |
| Hypervisor based Inspection enabled:               | false                                                                                                                                                                              |
| Report type:                                       | light                                                                                                                                                                              |
| Cookbook file name:                                | defaultwindowsinteractivecookbook.jbs                                                                                                                                              |
| Analysis system description:                       | Windows 10 64 bit version 1909 (MS Office 2019, IE 11, Chrome 104, Firefox 88, Adobe Reader DC 21, Java 8 u291, 7-Zip)                                                             |
| Number of analysed new started processes analysed: | 6                                                                                                                                                                                  |
| Number of new started drivers analysed:            | 0                                                                                                                                                                                  |
| Number of existing processes analysed:             | 1                                                                                                                                                                                  |
| Number of existing drivers analysed:               | 0                                                                                                                                                                                  |
| Number of injected processes analysed:             | 0                                                                                                                                                                                  |
| Technologies:                                      | <ul style="list-style-type: none"><li>• HCA enabled</li><li>• EGA enabled</li><li>• HDC enabled</li><li>• AMSI enabled</li></ul>                                                   |
| Analysis Mode:                                     | default                                                                                                                                                                            |
| Analysis stop reason:                              | Timeout                                                                                                                                                                            |
| Sample file name:                                  | click.wsf                                                                                                                                                                          |
| Detection:                                         | MAL                                                                                                                                                                                |
| Classification:                                    | mal100.troj.evad.winWSF@5/8@3/54                                                                                                                                                   |
| 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: 50.2% (good quality ratio 42.4%)</li><li>• Quality average: 60.5%</li><li>• Quality standard deviation: 35.6%</li></ul> |
| HCA Information:                                   | <ul style="list-style-type: none"><li>• Successful, ratio: 80%</li><li>• Number of executed functions: 0</li><li>• Number of non-executed functions: 0</li></ul>                   |
| Cookbook Comments:                                 | <ul style="list-style-type: none"><li>• Found application associated with file extension: .wsf</li></ul>                                                                           |

### Warnings

- Exclude process from analysis (whitelisted): dllhost.exe, WMIADAP.exe, svchost.exe
- TCP Packets have been reduced to 100
- Excluded IPs from analysis (whitelisted): 93.184.221.240, 8.253.95.121, 8.241.121.126, 8.241.123.126, 8.248.135.254, 67.27.234.126
- Excluded domains from analysis (whitelisted): fg.download.windowsupdate.com.c.footprint.net, login.live.com, wu.ec.azureedge.net, bg.apr-52dd2-0503.edgecastdns.net, cs11.wpc.v0cdn.net, hlb.apr-52dd2-0.edgecastdns.net, ctldl.windowsupdate.com, wu-bg-shim.trafficmanager.net, wu.azureedge.net
- Report size getting too big, too many NtAllocateVirtualMemory calls found.
- Report size getting too big, too many NtOpenKeyEx calls found.
- Report size getting too big, too many NtProtectVirtualMemory calls found.
- Report size getting too big, too many NtQueryValueKey calls found.

### Simulations

#### Behavior and APIs

| Time     | Type            | Description                                      |
|----------|-----------------|--------------------------------------------------|
| 09:06:48 | API Interceptor | 2x Sleep call for process: wscript.exe modified  |
| 09:07:20 | API Interceptor | 8x Sleep call for process: regsvr32.exe modified |

### 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\LocalLow\Microsoft\CryptnetUrlCache\Content\77EC63BDA74BD0D0E0426DC8F8008506 

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\System32\regsvr32.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| File Type:      | Microsoft Cabinet archive data, Windows 2000/XP setup, 62582 bytes, 1 file, at 0x2c +A "authroot.stl", number 1, 6 datablocks, 0x1 compression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Size (bytes):   | 62582                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Entropy (8bit): | 7.996063107774368                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Encrypted:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SSDEEP:         | 1536:Jk3XPI43VgGp0gB2itudTSRAn/TWTdWftu:CHa43V5p022iZ4CgA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MD5:            | E71C8443AE0BC2E282C73FAEAD0A6DD3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SHA1:           | 0C110C1B01E68EDFACAEAE64781A37B1995FA94B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SHA-256:        | 95B0A5ACCB5BF70D3ABDFD091D0C9F9063AA4FDE65BD34DBF16786082E1992E72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA-512:        | B38458C7FA2825AFB72794F374827403D5946B1132E136A0CE075DFD351277CF7D957C88DC8A1E4ADC3BCAE1FA8010DAE3831E268E910D517691DE24326391A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Malicious:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reputation:     | moderate, very likely benign file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preview:        | MSCF...v.....l.....BVrl .authroot.stl....oJ5..CK..8U....a..3.1.P. J".t.2F2e.dHH.....\$E.KB.2D..-SJE....^..'.y...{m.....\..}4.G.....h....148...e.gr....48:L..<br>..g....Xef.x:...t...J...6-...kW6Z>....&.....ye.U.Q&z::vZ...a...].T.E....B.h...[...V.O.3..EW.x.?Q..\$.@.W...=.B.f..8a.Y.JK..g./%p..C.4CD.s..Jd.u..@.g=...a...h%..'xjy7.E..<br>..\...A..'4TdW?Ko3\$.Hg.z.d~...../q..C.....`...A[ W(.....9...GZ;...l&?.....F...p?...p....{S.L4..v+...7.T?...p..`..&..9.....f...0+L.....1.2b)..vX5L'~...2vz..E.Ni.{#...o..w.?.#.3..<br>..h.v<S%.]tD@lLe.w.q.7.8....QW.FT....hE.....Y...../.%Q...k...*.Y.n..v.A.../...>B..5)...Ko.....O<b.K.{O.b.....7...4.:%9N..K.X>.....kg-9..r.c.g.Gl."[-...HT..."?q...ad..<br>...7RE.....lf.#./...?-^K.c^...+{g.....]<..\$.=O....ii7.wJ+S.Z..d....>J*...T.Q7..`r,<\$...d:K'..T.n....N.....C.j;..1SX..j....1...R...+...Yg...]...3..9..S..D..` |

C:\Users\user\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\77EC63BDA74BD0D0E0426DC8F8008506

|                 |                                                                                                                                                                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\System32\regsvr32.exe                                                                                                                                                                                                          |
| File Type:      | data                                                                                                                                                                                                                                      |
| Category:       | modified                                                                                                                                                                                                                                  |
| Size (bytes):   | 328                                                                                                                                                                                                                                       |
| Entropy (8bit): | 3.127437612314223                                                                                                                                                                                                                         |
| Encrypted:      | false                                                                                                                                                                                                                                     |
| SSDEEP:         | 6:kKnMAry/7UN+SkQIPIEGYRMY9z+4KIDA3RUecZUt:PMoCvkPIE99SNxAhUext                                                                                                                                                                           |
| MD5:            | DB2EC1D25EBBF63A67B76A991DE9381B                                                                                                                                                                                                          |
| SHA1:           | ED66F35D9308016B4F276CC09C3B2116669070E5                                                                                                                                                                                                  |
| SHA-256:        | E7E343FE929301E443F44F2842348A4875C87ABD0CF3B2F29403C96A660344AA                                                                                                                                                                          |
| SHA-512:        | 03D7D4AE006B25E50EA4F98ADD852997D7E11A6064AE0334A2BA0D0056E15F5C432990EDC79FA4C00F57A0A44C71982DC302636E17F46A95CAE85814AF7400FC                                                                                                          |
| Malicious:      | false                                                                                                                                                                                                                                     |
| Preview:        | p.....Z.L..[.(.....)K.....&.....v...http://.c.t.l.d.l..w.i.n.d.o.w.s.u.p.d.a.t.e...c.o.m/.m.s.d.o.w.n.l.o.a.d/.u.p.d.a.t.e./v.3/.<br>s.t.a.t.i.c./t.r.u.s.t.e.d.r./e.n/.a.u.t.h.r.o.o.t.s.t.l...c.a.b..."0.d.2.f.9.2.9.a.7.4.b.d.9.1.:0." |

C:\Users\user\AppData\Local\Temp\Outlook Logging\OUTLOOK\_16\_0\_13929\_20386-20230320T0906180748-804.etl

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Program Files\Microsoft Office\root\Office16\OUTLOOK.EXE                                                                      |
| File Type:      | old-fs dump file (16-bit, assuming PDP-11 endianness), Previous dump Thu Jan 1 01:07:36 1970, This dump Thu Jan 1 01:09:04 1970, |
| Category:       | modified                                                                                                                         |
| Size (bytes):   | 8192                                                                                                                             |
| Entropy (8bit): | 4.3056677894243895                                                                                                               |
| Encrypted:      | false                                                                                                                            |
| SSDEEP:         | 48:oG+4F4x8t4OU4oxJN4rXVJVpV+VuVSV1y8wfZu+E+d2nYgFvxZPEGsj6xYw6vMI:TU8c9dK2nrFrTCMI                                              |
| MD5:            | 8A4B17DA69383C75316D7488A1F36DEB                                                                                                 |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHA1:      | 04AA89B2ECD1EA38D81AD9865450CF02F9A709C5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SHA-256:   | 882EE2DE3174D9BA48B2B58B5ACEA99F69EB8D5594F7ED2DD5C6C7FA47B71B2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SHA-512:   | E397B0E0D7701583A8E2CCD097E78A881C826B7DC0696595107657DEDEF826FAED3D522C80605ED83B7119081667DA58730A65BFE6828C25BF7E02404AD8A65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Malicious: | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preview:   | .....0.....k.[.&.....h.1.<...8 ~<...X.....\$....?.[.#.*...C.L...0Tj.....B.....[X.....\$....?.[.#.*...C.L...0Tj.....[...B.....<br>.....f`.....\$....?.[.#.*...C.L...0Tj.....&..B.....\$....?.[.0K(J.J.C.....@.....B.....M.i.c.r.o.s.o.f.t...O.f.f.i.c.e..<br>..O.u.t.l.o.o.k...C.l.o.u.d.S.e.t.t.i.n.g.s...D.e.f.a.u.i.t.E.n.a.b.l.e.d.S.t.a.t.u.s.].....0.0.....\$....?.[.0K(J.J.C.....@.....1.B.....M.i.c.r.o.s.o.f.t...O.f.f..<br>i.c.e...O.u.t.l.o.o.k...R.i.p.C.o.r.d...4.7.2.6.4.2.8.....0.P.....\$...HF.[...{(Z/K.i.a.Zls.....9.B.....P.....\$...HF.[...{(Z/K.i.a.Zlt.....F.B.....<br>....P.....\$...HF.[...{(Z/K.i.a.Zls.....M.B.....P.....\$...HF.[.. |

## C:\Users\user\Desktop\click.wsf

|                 |                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\System32\wscript.exe                                                                                                 |
| File Type:      | ASCII text, with no line terminators                                                                                            |
| Category:       | dropped                                                                                                                         |
| Size (bytes):   | 9                                                                                                                               |
| Entropy (8bit): | 2.94770277922009                                                                                                                |
| Encrypted:      | false                                                                                                                           |
| SSDEEP:         | 3:tWn:tWn                                                                                                                       |
| MD5:            | 07F5A0CFFD9B2616EA44FB90CCC04480                                                                                                |
| SHA1:           | 641B12C5FFA1A31BC367390E34D441A9CE1958EE                                                                                        |
| SHA-256:        | A0430A038E7D879375C9CA5BF94CB440A3B9A002712118A7BCCC1FF82F1EA896                                                                |
| SHA-512:        | 09E7488C138DEAD45343A79AD0CB37036C5444606CDFD8AA859EE70227A96964376A17F07E03D0FC353708CA9AAF979ABF8BC917E6C2D005A0052575E074F53 |
| Malicious:      | <b>true</b>                                                                                                                     |
| Preview:        | badum tss                                                                                                                       |

## C:\Users\user\Desktop\rad1F9A4.tmp.dll

|                 |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\System32\wscript.exe                                                                                                                                                                                                                                                                                                                                                                   |
| File Type:      | HTML document, ASCII text                                                                                                                                                                                                                                                                                                                                                                         |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                           |
| Size (bytes):   | 381                                                                                                                                                                                                                                                                                                                                                                                               |
| Entropy (8bit): | 5.035593451835013                                                                                                                                                                                                                                                                                                                                                                                 |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                             |
| SSDEEP:         | 6:pn0+Dy9xwq8B0hEr6VHB0SpMAcg/EzBoAuZ2A3b1AYDAJgXPUhA1QCV2AmWZW5Kk:J0+oxb8ShRZSS146Ai2A3JAhSPEAr1mP                                                                                                                                                                                                                                                                                               |
| MD5:            | 118A489422BE0C5CA0CECF3BB7903C7E                                                                                                                                                                                                                                                                                                                                                                  |
| SHA1:           | B90AF089FD0E728E61D532BE80062AED39D98978                                                                                                                                                                                                                                                                                                                                                          |
| SHA-256:        | FF6D14F77E27F7B90CB2F20BCE408189F5F388961F3FCD13FE2DF2CC0A002DC3                                                                                                                                                                                                                                                                                                                                  |
| SHA-512:        | 283CD22F52BCCB8DD22A8772E8121302A6975F2DE35540122F1F7B38953F0BB015831999733884686C1A9019034D2CC113F81245F53B84EDD02B8ADB94638D40                                                                                                                                                                                                                                                                  |
| Malicious:      | <b>true</b>                                                                                                                                                                                                                                                                                                                                                                                       |
| Preview:        | <!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">.<html><head>.<title>401 Unauthorized</title>.</head><body>.<h1>Unauthorized</h1>.<p>This server could not verify that you. are authorized to access the document. requested. Either you supplied the wrong. credentials (e.g., bad password), or your. browser doesn't understand how to supply. the credentials required.</p>.</body></html>. |

## C:\Users\user\Desktop\rad75349.tmp.dll

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\System32\wscript.exe                                                                                                                                                                                                                                                                                                                                                                                                       |
| File Type:      | PE32+ executable (DLL) (GUI) x86-64, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                   |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Size (bytes):   | 316928                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Entropy (8bit): | 7.337848702590508                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SSDEEP:         | 6144:cwNQMQTlfdUPABVy559hhR3iP7TfPYbrF1EFVw0todxKROsCt:rNbadDBkZ6rPeEFizdxsCt                                                                                                                                                                                                                                                                                                                                                         |
| MD5:            | BFC060937DC90B273ECCB6825145F298                                                                                                                                                                                                                                                                                                                                                                                                      |
| SHA1:           | C156C00C7E918F0CB7363614FB1F177C90D8108A                                                                                                                                                                                                                                                                                                                                                                                              |
| SHA-256:        | 2F39C2879989DD7F9ECF52B6232598E5595F8BF367846FF188C9DFBF1251253                                                                                                                                                                                                                                                                                                                                                                       |
| SHA-512:        | CC1FEE19314B0A0F9E292FA84F6E98F087033D77DB937848DDA1DA0C88F49997866CBA5465DF04BF929B810B42FDB81481341064C4565C9B6272FA7F3B473AC                                                                                                                                                                                                                                                                                                       |
| Malicious:      | <b>true</b>                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Antivirus:      | <ul style="list-style-type: none"> <li>Antivirus: ReversingLabs, Detection: 79%</li> </ul>                                                                                                                                                                                                                                                                                                                                            |
| Preview:        | MZ.....@.....!..L!This program cannot be run in DOS mode...\$.....L`:=...n...n...nC.y.o...nC.y.o...nC.y.o...nC.y.o...nC.y.o...nq...n.z.o...n.z.o...n.zsn...n...n...n.z.o...nRich...n.....PE.d....6.d....." ...!F.....0.....T...d...`..(.<br>...0.....8.....p...@.....`.....text...D.....F......rdata.....J.....@...@.data.....@...pdata.....0<br>.....@...@_RDATA...P.....@...@.rsrc...`.....@...@.reloc.....@...@.B.....@...@.B..... |

|                                                                       |                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\Documents\Outlook Files\Outlook Data File - NoEmail.pst |                                                                                                                                                                                                                                                |
| Process:                                                              | C:\Program Files\Microsoft Office\root\Office16\OUTLOOK.EXE                                                                                                                                                                                    |
| File Type:                                                            | data                                                                                                                                                                                                                                           |
| Category:                                                             | dropped                                                                                                                                                                                                                                        |
| Size (bytes):                                                         | 5139                                                                                                                                                                                                                                           |
| Entropy (8bit):                                                       | 1.8507519303077096                                                                                                                                                                                                                             |
| Encrypted:                                                            | false                                                                                                                                                                                                                                          |
| SSDEEP:                                                               | 24:Wc/c7JJJPffffH/jCzDPLAh9ECN/+mMcoqqxGU5nullHq+NX9:YNffffHOriv8xmIID9                                                                                                                                                                        |
| MD5:                                                                  | 93EDBC6244E8383ED60A93DF93EA281C                                                                                                                                                                                                               |
| SHA1:                                                                 | 0BB0BC49B90C8D15BDD689A740966BF9610A6F1F                                                                                                                                                                                                       |
| SHA-256:                                                              | E32D3D4439E07830ADC99B5660C3195D6DE0CFDC10310711D137842D3B6EDA2D                                                                                                                                                                               |
| SHA-512:                                                              | 4DCDFD96F36EB44C639A82202E2BAD9D254EEBF943C3308078BCC7DFD05AAEC2522C28D26730C87E76849BAD2C98CD8E2BDC85B952682C22429D26904C5BC<br>E9                                                                                                            |
| Malicious:                                                            | false                                                                                                                                                                                                                                          |
| Preview:                                                              | .....F.....".....\.....@.....f.....<br>.....h.....\.....@.<br>.....s..`.....\$.....b.....f.....l.....y.....r.....`.....D...s...d.....p.....s... .....s... .....s... .....s... .....<br>s... .....s.....<.....<.....n...s...D.....@S.....s..... |

|                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C:\Windows\System32\BLUwZIEPejvMeG\xhwdmo.dll (copy)   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Process:                                                                                                                                                                                                                 | C:\Windows\System32\regsvr32.exe                                                                                                                                                                                                                                                                                                                                                                                                                                |
| File Type:                                                                                                                                                                                                               | PE32+ executable (DLL) (GUI) x86-64, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                             |
| Category:                                                                                                                                                                                                                | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Size (bytes):                                                                                                                                                                                                            | 316928                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Entropy (8bit):                                                                                                                                                                                                          | 7.337848702590508                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Encrypted:                                                                                                                                                                                                               | false                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SSDEEP:                                                                                                                                                                                                                  | 6144:cwNQMQTlfdUPABVy559hhR3iP7TfPYbrF1EFVw0todxKROsCt:rNbadDBkZ6rPeEFizdxxsCt                                                                                                                                                                                                                                                                                                                                                                                  |
| MD5:                                                                                                                                                                                                                     | BFC060937DC90B273ECCB6825145F298                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SHA1:                                                                                                                                                                                                                    | C156C00C7E918F0CB7363614FB1F177C90D8108A                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SHA-256:                                                                                                                                                                                                                 | 2F39C2879989DD7F9ECF52B6232598E5595F8BF367846FF188C9DFBF1251253                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-512:                                                                                                                                                                                                                 | CC1FEE19314B0A0F9E292FA84F6E98F087033D77DB937848DDA1DA0C88F49997866CBA5465DF04BF929B810B42FDB81481341064C4565C9B6272FA7F3B473AC                                                                                                                                                                                                                                                                                                                                 |
| Malicious:                                                                                                                                                                                                               | true                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Antivirus:                                                                                                                                                                                                               | <ul style="list-style-type: none"><li>Antivirus: ReversingLabs, Detection: 79%</li></ul>                                                                                                                                                                                                                                                                                                                                                                        |
| Preview:                                                                                                                                                                                                                 | MZ.....@.....!..L!This program cannot be run in DOS mode...\$......L`=...n...n...nCy.o...nCy.o...nCy.o...n.z.o(..n.z.o...n.z.o...nCy.o...n<br>...nq..n.z.o...n.z.o...n.zsn...n...n...n.z.o...nRich...n.....PE..d....6.d....." ...!F.....0.....T...d...`..(.<br>...0.....8.....p...@.....`.....text...D.....F......rdata.....`.....J.....@...@.data.....@...pdata.....0<br>.....@...@_RDATA..\\...P.....@...@.rsrc...(.....@...@.reloc.....@...@.B.....<br>..... |

|                       |                                                                                                                                                                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Static File Info      |                                                                                                                                                                                                                                                                       |
| General               |                                                                                                                                                                                                                                                                       |
| File type:            | HTML document, ASCII text, with very long lines (792), with CRLF line terminators                                                                                                                                                                                     |
| Entropy (8bit):       | 5.21695797640856                                                                                                                                                                                                                                                      |
| TrID:                 |                                                                                                                                                                                                                                                                       |
| File name:            | click.wsf                                                                                                                                                                                                                                                             |
| File size:            | 55114                                                                                                                                                                                                                                                                 |
| MD5:                  | 016fa961b9af49d75b597c2f61ab344c                                                                                                                                                                                                                                      |
| SHA1:                 | 2fee0634cfa2988ee8f000724efc1c6c18beef23                                                                                                                                                                                                                              |
| SHA256:               | 8343af0017ad64499072d1485302948a7ad744a638bd2deab301ae108b6b18fd                                                                                                                                                                                                      |
| SHA512:               | 4b58acb7111c383b0512352d86a3564d0a5167559d402d330f7167a6e0ae2cf464096bba3a0936a566e3c2a9b0ffc4d448322c86658ed449e14fb46ad8fbdb8                                                                                                                                       |
| SSDEEP:               | 768:w9Te2jdcdTNTu1t/nl8BFWVyeaNhvsbsS:QTVdaeNtuXndH                                                                                                                                                                                                                   |
| TLSH:                 | 31362F0AC025C0AE123D977B1BB561359C052FD42683B26FC6D507AE678E3096DD8EB                                                                                                                                                                                                 |
| File Content Preview: | <job id="1cucuparu">...<script language="VBScript">..fastenedy = fastenedy +<br>("ocw40599\ocw39558\ocw37476\ocw34353\ocw38517\ocw40599\ocw38170\ocw40252\ocw21167\ocw17003\ocw4511")..megamouthy = "megamouthy"..girlohy =<br>girlohy + ("sycrwf\ocwfalsetreatedyext |

|           |
|-----------|
| File Icon |
|-----------|



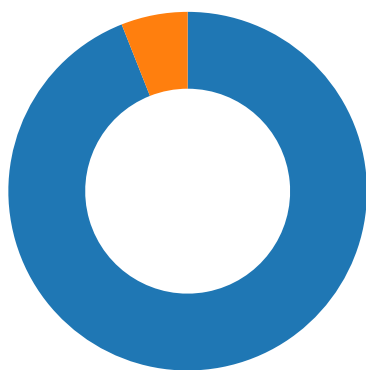
Icon Hash: e8d69ece869a9ec4

## Network Behavior

### Snort IDS Alerts

| Timestamp                                                                      | Protocol | SID         | Message                                               | Source Port | Dest Port | Source IP   | Dest IP             |
|--------------------------------------------------------------------------------|----------|-------------|-------------------------------------------------------|-------------|-----------|-------------|---------------------|
| 192.168.2.3187.63.160.88<br>49735802404314<br>03/20/23-<br>09:07:57.133517     | TCP      | 240431<br>4 | ET CNC Feodo Tracker Reported CnC Server TCP group 8  | 49735       | 80        | 192.168.2.3 | 187.63.160.8<br>8   |
| 192.168.2.3182.162.143.5<br>6497344432404312<br>03/20/23-<br>09:07:41.132019   | TCP      | 240431<br>2 | ET CNC Feodo Tracker Reported CnC Server TCP group 7  | 49734       | 443       | 192.168.2.3 | 182.162.143.<br>56  |
| 192.168.2.3104.168.155.1<br>434973880802404302<br>03/20/23-<br>09:08:15.086032 | TCP      | 240430<br>2 | ET CNC Feodo Tracker Reported CnC Server TCP group 2  | 49738       | 8080      | 192.168.2.3 | 104.168.155.<br>143 |
| 192.168.2.391.121.146.47<br>4973180802404344<br>03/20/23-<br>09:07:19.650620   | TCP      | 240434<br>4 | ET CNC Feodo Tracker Reported CnC Server TCP group 23 | 49731       | 8080      | 192.168.2.3 | 91.121.146.4<br>7   |
| 192.168.2.3164.90.222.65<br>497374432404308<br>03/20/23-<br>09:08:10.886539    | TCP      | 240430<br>8 | ET CNC Feodo Tracker Reported CnC Server TCP group 5  | 49737       | 443       | 192.168.2.3 | 164.90.222.6<br>5   |
| 192.168.2.3167.172.199.1<br>654973680802404310<br>03/20/23-<br>09:08:05.635641 | TCP      | 240431<br>0 | ET CNC Feodo Tracker Reported CnC Server TCP group 6  | 49736       | 8080      | 192.168.2.3 | 167.172.199.<br>165 |
| 192.168.2.366.228.32.314<br>973370802404330<br>03/20/23-<br>09:07:25.133944    | TCP      | 240433<br>0 | ET CNC Feodo Tracker Reported CnC Server TCP group 16 | 49733       | 7080      | 192.168.2.3 | 66.228.32.31        |

### Network Port Distribution



Total Packets: 50

- 53 (DNS)
- 443 (HTTPS)

### TCP Packets

| Timestamp                           | Source Port | Dest Port | Source IP     | Dest IP       |
|-------------------------------------|-------------|-----------|---------------|---------------|
| Mar 20, 2023 09:06:37.277081966 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:37.277157068 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |
| Mar 20, 2023 09:06:37.277278900 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:37.281250954 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:37.281287909 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |
| Mar 20, 2023 09:06:37.856724977 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |

| Timestamp                           | Source Port | Dest Port | Source IP     | Dest IP       |
|-------------------------------------|-------------|-----------|---------------|---------------|
| Mar 20, 2023 09:06:37.856918097 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:37.862493992 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:37.862519979 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |
| Mar 20, 2023 09:06:37.862912893 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |
| Mar 20, 2023 09:06:37.902910948 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:38.086049080 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:38.086101055 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.453761101 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.453893900 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.454015970 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:38.454215050 CET | 49727       | 443       | 192.168.2.3   | 203.26.41.131 |
| Mar 20, 2023 09:06:38.454250097 CET | 443         | 49727     | 203.26.41.131 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.756974936 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:38.757046938 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.757178068 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:38.758169889 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:38.758207083 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.898732901 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.898938894 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:38.901292086 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:38.901318073 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.901609898 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:38.902482033 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:38.902502060 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:39.005121946 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:39.005261898 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:39.005364895 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:39.007162094 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:39.007194042 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:39.007216930 CET | 49728       | 443       | 192.168.2.3   | 31.31.196.172 |
| Mar 20, 2023 09:06:39.007227898 CET | 443         | 49728     | 31.31.196.172 | 192.168.2.3   |
| Mar 20, 2023 09:06:39.700891018 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:39.700946093 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:39.701098919 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:39.711879969 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:39.711910009 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:40.441551924 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:40.441704988 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:40.444323063 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:40.444350958 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:40.444715023 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:40.445736885 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:40.445763111 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:40.871501923 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:40.871726036 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:40.871889114 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:40.871921062 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:40.921637058 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.103441954 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.103568077 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.103580952 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.103604078 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.103643894 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.103651047 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.103668928 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.103671074 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.103719950 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.103815079 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |

| Timestamp                           | Source Port | Dest Port | Source IP     | Dest IP       |
|-------------------------------------|-------------|-----------|---------------|---------------|
| Mar 20, 2023 09:06:41.103898048 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.335499048 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.335558891 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.335699081 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.335710049 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.335740089 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.335784912 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.335819006 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.335894108 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.336009026 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.336385965 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.336483002 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.336533070 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.336610079 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.336978912 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.337086916 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.567697048 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.567724943 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.567856073 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.567913055 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.567944050 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.568010092 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.568078041 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.568078995 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.568108082 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.568233967 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.568310022 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.568434954 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.568497896 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.568624020 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.568809986 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.568912029 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.569062948 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.569207907 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |
| Mar 20, 2023 09:06:41.569339991 CET | 443         | 49729     | 186.202.153.5 | 192.168.2.3   |
| Mar 20, 2023 09:06:41.569442987 CET | 49729       | 443       | 192.168.2.3   | 186.202.153.5 |

### UDP Packets

| Timestamp                           | Source Port | Dest Port | Source IP   | Dest IP     |
|-------------------------------------|-------------|-----------|-------------|-------------|
| Mar 20, 2023 09:06:36.428728104 CET | 60008       | 53        | 192.168.2.3 | 1.1.1.1     |
| Mar 20, 2023 09:06:37.266818047 CET | 53          | 60008     | 1.1.1.1     | 192.168.2.3 |
| Mar 20, 2023 09:06:38.496239901 CET | 53710       | 53        | 192.168.2.3 | 1.1.1.1     |
| Mar 20, 2023 09:06:38.754851103 CET | 53          | 53710     | 1.1.1.1     | 192.168.2.3 |
| Mar 20, 2023 09:06:39.017168045 CET | 55103       | 53        | 192.168.2.3 | 1.1.1.1     |
| Mar 20, 2023 09:06:39.699096918 CET | 53          | 55103     | 1.1.1.1     | 192.168.2.3 |

### DNS Queries

| Timestamp                           | Source IP   | Dest IP | Trans ID | OP Code            | Name                       | Type           | Class       | DNS over HTTPS |
|-------------------------------------|-------------|---------|----------|--------------------|----------------------------|----------------|-------------|----------------|
| Mar 20, 2023 09:06:36.428728104 CET | 192.168.2.3 | 1.1.1.1 | 0x4e7e   | Standard query (0) | penshorn.org               | A (IP address) | IN (0x0001) | false          |
| Mar 20, 2023 09:06:38.496239901 CET | 192.168.2.3 | 1.1.1.1 | 0x4d17   | Standard query (0) | bbvoyage.com               | A (IP address) | IN (0x0001) | false          |
| Mar 20, 2023 09:06:39.017168045 CET | 192.168.2.3 | 1.1.1.1 | 0x8dc3   | Standard query (0) | www.gomesp<br>ontes.com.br | A (IP address) | IN (0x0001) | false          |

### DNS Answers

| Timestamp                           | Source IP | Dest IP     | Trans ID | Reply Code   | Name                   | CName              | Address       | Type                   | Class       | DNS over HTTPS |
|-------------------------------------|-----------|-------------|----------|--------------|------------------------|--------------------|---------------|------------------------|-------------|----------------|
| Mar 20, 2023 09:06:37.266818047 CET | 1.1.1.1   | 192.168.2.3 | 0x4e7e   | No error (0) | penshorn.org           |                    | 203.26.41.131 | A (IP address)         | IN (0x0001) | false          |
| Mar 20, 2023 09:06:38.754851103 CET | 1.1.1.1   | 192.168.2.3 | 0x4d17   | No error (0) | bbvoyage.com           |                    | 31.31.196.172 | A (IP address)         | IN (0x0001) | false          |
| Mar 20, 2023 09:06:39.699096918 CET | 1.1.1.1   | 192.168.2.3 | 0x8dc3   | No error (0) | www.gomespontes.com.br | gomespontes.com.br |               | CNAME (Canonical name) | IN (0x0001) | false          |
| Mar 20, 2023 09:06:39.699096918 CET | 1.1.1.1   | 192.168.2.3 | 0x8dc3   | No error (0) | gomespontes.com.br     |                    | 186.202.153.5 | A (IP address)         | IN (0x0001) | false          |

### HTTP Request Dependency Graph

- penshorn.org
- bbvoyage.com
- www.gomespontes.com.br
- 164.90.222.65

### Statistics

#### Behavior

- OUTLOOK.EXE
- wscript.exe
- regsvr32.exe
- regsvr32.exe

Click to jump to process

### System Behavior

**Analysis Process: OUTLOOK.EXE**
PID: 804, Parent PID: -1

| General                |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| Target ID:             | 0                                                                          |
| Start time:            | 09:06:33                                                                   |
| Start date:            | 20/03/2023                                                                 |
| Path:                  | C:\Program Files\Microsoft Office\root\Office16\OUTLOOK.EXE                |
| Wow64 process (32bit): | false                                                                      |
| Commandline:           | "C:\Program Files\Microsoft Office\root\Office16\OUTLOOK.EXE" /PIM NoEmail |

|                               |                                  |
|-------------------------------|----------------------------------|
| Imagebase:                    | 0x7ff64d520000                   |
| File size:                    | 41778000 bytes                   |
| MD5 hash:                     | CA3FDE8329DE07C95897DB0D828545CD |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |
| Reputation:                   | moderate                         |

|                                                                                     |        |  |            |         |            |       |                |        |
|-------------------------------------------------------------------------------------|--------|--|------------|---------|------------|-------|----------------|--------|
| <b>File Activities</b>                                                              |        |  |            |         |            |       |                |        |
| There is hidden Windows Behavior. Click on <b>Show Windows Behavior</b> to show it. |        |  |            |         |            |       |                |        |
| File Path                                                                           | Access |  | Attributes | Options | Completion | Count | Source Address | Symbol |

|           |        |        |       |       |            |       |                |        |
|-----------|--------|--------|-------|-------|------------|-------|----------------|--------|
| File Path | Offset | Length | Value | Ascii | Completion | Count | Source Address | Symbol |
|-----------|--------|--------|-------|-------|------------|-------|----------------|--------|

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

|                            |            |       |                |        |
|----------------------------|------------|-------|----------------|--------|
| <b>Registry Activities</b> |            |       |                |        |
| Key Path                   | Completion | Count | Source Address | Symbol |

| Key Value Created                                                 |                                   |         |                                                                                                                                                                                                                                                           |                 |       |                |                |
|-------------------------------------------------------------------|-----------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|----------------|
| Key Path                                                          | Name                              | Type    | Data                                                                                                                                                                                                                                                      | Completion      | Count | Source Address | Symbol         |
| HKEY_CURRENT_USER\Software\Microsoft\Office\Outlook\Settings\Data | global_Accessibility_ReminderType | unicode | { "name": "Accessibility_ReminderType", "itemClass": "", "id": "", "scope": "global", "parentSetting": "", "secondaryKey": "", "statuses": "LOCAL", "type": "Bool", "timestamp": 0, "metadata": "", "value": true, "isFirstSync": "false", "source": "" } | success or wait | 1     | 7FF64D7CBB70   | RegSetValueExW |

|                                                                   |                              |         |                                                                                                                                                                                                                          |                                                                                                                                                                                                                         |                 |       |                |                |
|-------------------------------------------------------------------|------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|----------------|
| <b>Key Value Modified</b>                                         |                              |         |                                                                                                                                                                                                                          |                                                                                                                                                                                                                         |                 |       |                |                |
| Key Path                                                          | Name                         | Type    | Old Data                                                                                                                                                                                                                 | New Data                                                                                                                                                                                                                | Completion      | Count | Source Address | Symbol         |
| HKEY_CURRENT_USER\Software\Microsoft\Office\Outlook\Settings      | Accounts                     | unicode | []                                                                                                                                                                                                                       | [{"scope":"","userUpn":"","accountAge":0,"timestamp":0,"anchorMailbox":"","roamingStatus":"LOCAL"}]                                                                                                                     | success or wait | 1     | 7FF64D7CBE60   | RegSetValueExW |
| HKEY_CURRENT_USER\Software\Microsoft\Office\Outlook\Settings\Data | global_AccountsNeedResyncing | unicode | {"name":"AccountsNeedResyncing","itemClass":"","id":"","scope":"global","parentSetting":"","secondaryKey":"","status":"LOCAL","type":"Bool","timestamp":0,"metadata":"","value":false,"isFirstSync":"false","source":""} | {"name":"AccountsNeedResyncing","itemClass":"","id":"","scope":"global","parentSetting":"","secondaryKey":"","status":"LOCAL","type":"Bool","timestamp":0,"metadata":"","value":true,"isFirstSync":"false","source":""} | success or wait | 1     | 7FF64D7CBB70   | RegSetValueExW |

|                                                                  |                                                                   |
|------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Analysis Process: wscript.exe</b> PID: 6404, Parent PID: 3840 |                                                                   |
| <b>General</b>                                                   |                                                                   |
| Target ID:                                                       | 1                                                                 |
| Start time:                                                      | 09:06:34                                                          |
| Start date:                                                      | 20/03/2023                                                        |
| Path:                                                            | C:\Windows\System32\wscript.exe                                   |
| Wow64 process (32bit):                                           | false                                                             |
| Commandline:                                                     | C:\Windows\System32\WScript.exe "C:\Users\user\Desktop\click.wsf" |
| Imagebase:                                                       | 0x7ff7e91a0000                                                    |
| File size:                                                       | 165888 bytes                                                      |
| MD5 hash:                                                        | 563EDAEC37876138FDFF47F3E7A9A78FD                                 |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1414548751.000002D845C7D000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: WEBSHELL_asp_generic, Description: Generic ASP webshell which uses any eval/exec function indirectly on user input or writes a file, Source: 00000001.00000002.1552503322.000002D84653C000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1530447488.000002D846461000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: WEBSHELL_asp_generic, Description: Generic ASP webshell which uses any eval/exec function indirectly on user input or writes a file, Source: 00000001.00000003.1530447488.000002D846461000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1411114207.000002D845CCE000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1413926742.000002D845C7D000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1410988197.000002D845C7D000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1411114207.000002D845C7D000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1533460578.000002D84653C000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: WEBSHELL_asp_generic, Description: Generic ASP webshell which uses any eval/exec function indirectly on user input or writes a file, Source: 00000001.00000003.1533460578.000002D84653C000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1412954439.000002D845C7D000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: WEBSHELL_asp_generic, Description: Generic ASP webshell which uses any eval/exec function indirectly on user input or writes a file, Source: 00000001.00000003.1542433572.000002D84653C000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li><li>• Rule: webshell_asp_obfuscated, Description: ASP webshell obfuscated, Source: 00000001.00000003.1414114730.000002D845C7D000.00000004.00000020.00020000.00000000.sdmp, Author: Arnim Rupp</li></ul> |
| Reputation:                   | moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| File Activities                 |  |        |        |                            |            |           |            |                 |            |                |                |                |        |
|---------------------------------|--|--------|--------|----------------------------|------------|-----------|------------|-----------------|------------|----------------|----------------|----------------|--------|
| File Path                       |  |        | Access |                            | Attributes | Options   | Completion |                 | Count      | Source Address | Symbol         |                |        |
| File Written                    |  |        |        |                            |            |           |            |                 |            |                |                |                |        |
| File Path                       |  | Offset | Length | Value                      |            | Ascii     |            | Completion      |            | Count          | Source Address | Symbol         |        |
| C:\Users\user\Desktop\click.wsf |  | 0      | 9      | 62 61 64 75 6d 20 74 73 73 |            | badum tss |            | success or wait |            | 1              | 7FFFC4E442B8   | WriteFile      |        |
| File Path                       |  |        |        |                            | Offset     |           | Length     |                 | Completion |                | Count          | Source Address | Symbol |

| Analysis Process: regsvr32.exe    PID: 6508, Parent PID: 6404 |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Target ID:                                                    | 3                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Start time:                                                   | 09:06:41                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Start date:                                                   | 20/03/2023                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Path:                                                         | C:\Windows\System32\regsvr32.exe                                                                                                                                                                                                                                                                                                                                                                                                    |
| Wow64 process (32bit):                                        | false                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Commandline:                                                  | C:\Windows\System32\regsvr32.exe" "C:\Users\user\Desktop\rad75349.tmp.dll                                                                                                                                                                                                                                                                                                                                                           |
| Imagebase:                                                    | 0x7ff6d5170000                                                                                                                                                                                                                                                                                                                                                                                                                      |
| File size:                                                    | 24064 bytes                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MD5 hash:                                                     | 578BAB56836A3FE455FFC7883041825B                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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_Emotet_1, Description: Yara detected Emotet, Source: 00000003.00000002.1502600709.0000000000731000.00000020.00001000.00020000.00000000.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000003.00000002.1501910088.0000000000460000.00000040.00001000.00020000.00000000.sdmp, Author: Joe Security</li></ul> |
| Reputation:                                                   | moderate                                                                                                                                                                                                                                                                                                                                                                                                                            |

| File Activities                                                                     |        |  |            |         |            |       |                |        |
|-------------------------------------------------------------------------------------|--------|--|------------|---------|------------|-------|----------------|--------|
| There is hidden Windows Behavior. Click on <b>Show Windows Behavior</b> to show it. |        |  |            |         |            |       |                |        |
| File Path                                                                           | Access |  | Attributes | Options | Completion | Count | Source Address | Symbol |

| Old File Path | New File Path | Completion | Count      | Source Address | Symbol         |        |
|---------------|---------------|------------|------------|----------------|----------------|--------|
|               |               |            |            |                |                |        |
| File Path     | Offset        | Length     | Completion | Count          | Source Address | Symbol |

Analysis Process: regsvr32.exe    PID: 6544, Parent PID: 6508

General

|                               |                                                                                                                                                                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 4                                                                                                                                                                                                                                   |
| Start time:                   | 09:06:44                                                                                                                                                                                                                            |
| Start date:                   | 20/03/2023                                                                                                                                                                                                                          |
| Path:                         | C:\Windows\System32\regsvr32.exe                                                                                                                                                                                                    |
| Wow64 process (32bit):        | false                                                                                                                                                                                                                               |
| Commandline:                  | C:\Windows\system32\regsvr32.exe "C:\Windows\system32\BIUwZJEPejvMeG\shwdmo.dll"                                                                                                                                                    |
| Imagebase:                    | 0x7ff6d5170000                                                                                                                                                                                                                      |
| File size:                    | 24064 bytes                                                                                                                                                                                                                         |
| MD5 hash:                     | 578BAB56836A3FE455FFC7883041825B                                                                                                                                                                                                    |
| 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_Emotet_3, Description: Yara detected Emotet, Source: 00000004.00000002.2660986060.0000000000C99000.00000004.00000020.00020000.00000000.sdmp, Author: Joe Security</li></ul> |
| Reputation:                   | moderate                                                                                                                                                                                                                            |

File Activities

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

| File Path | Offset | Length | Value | Ascii  | Completion | Count      | Source Address | Symbol         |        |
|-----------|--------|--------|-------|--------|------------|------------|----------------|----------------|--------|
|           |        |        |       |        |            |            |                |                |        |
| File Path |        |        |       | Offset | Length     | Completion | Count          | Source Address | Symbol |

Disassembly

 No disassembly