



**ID:** 347154  
**Sample Name:**  
PO\_Invoices\_pdf.exe  
**Cookbook:** default.jbs  
**Time:** 08:50:38  
**Date:** 02/02/2021  
**Version:** 31.0.0 Emerald

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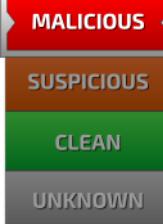
# Analysis Report PO\_Invoices\_pdf.exe

## Overview

### General Information

|                              |  |
|------------------------------|--|
| Sample Name:                 | PO_Invoices_pdf.exe  |
| Analysis ID:                 | 347154   |
| MD5:                         | 59d7d8d5dd3e00..   |
| SHA1:                        | b249b28d088d54..   |
| SHA256:                      | ef715cd322f0a80..  |
| Tags:                        | exe HawkEye Yahoo  |
| Most interesting Screenshot: |  |

### Detection

|  |
|--|
| <br><b>MALICIOUS</b>  |
| <br><b>SUSPICIOUS</b> |
| <br><b>CLEAN</b>      |
| <br><b>UNKNOWN</b>    |
| <b>HawkEye AgentTesla MailPassView Matiex</b>  |
| Score: 100   |
| Range: 0 - 100   |
| Whitelisted: false   |
| Confidence: 100%   |

### Signatures

|   |
|---|
| Antivirus detection for dropped file    |
| Detected HawkEye Rat                    |
| Found malware configuration             |
| Malicious sample detected (through ...) |
| Multi AV Scanner detection for dropp... |
| Multi AV Scanner detection for subm...  |
| Sigma detected: Capture Wi-Fi pass...   |
| Yara detected AgentTesla                |
| Yara detected AntiVM_3                  |
| Yara detected HawkEye Keylogger         |
| Yara detected MailPassView              |
| Yara detected Matiex Keylogger          |
| NFT_source_code_contains_potentia...    |

### Classification



## Startup

### System is w10x64

-  **PO\_Invoices\_pdf.exe** (PID: 5372 cmdline: 'C:\Users\user\Desktop\PO\_Invoices\_pdf.exe' MD5: 59D7D8D5DD3E0055E7C0DCC75897F569)
  -  **powershell.exe** (PID: 5904 cmdline: 'Powershell.exe' -ExecutionPolicy Bypass -command Copy-Item 'C:\Users\user\Desktop\PO\_Invoices\_pdf.exe' 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\\$s#\$IT3ssl.exe' MD5: DBA3E6449E97D4E3DF64527EF7012A10)
    -  **conhost.exe** (PID: 8 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
  -  **RegAsm.exe** (PID: 4888 cmdline: C:\Windows\Microsoft.NET\Frameworkv4.0.30319\RegAsm.exe MD5: 6FD7592411112729BF6B1F2F6C34899F)
    -  **hawkgoods.exe** (PID: 3724 cmdline: 'C:\Users\user~1\AppData\Local\Temp\hawkgoods.exe' 0 MD5: FFDB58533D5D1362E896E96FB6F02A95)
      -  **dw20.exe** (PID: 6684 cmdline: dw20.exe -x -s 2164 MD5: 8D10DA8A3E11747E51F23C882C22BBC3)
      -  **vbc.exe** (PID: 6852 cmdline: C:\Windows\Microsoft.NET\Frameworkv2.0.50727\vbc.exe /stext 'C:\Users\user\AppData\Local\Temp\holdermail.txt' MD5: C63ED21D5706A527419C9FBD730FFB2E)
      -  **vbc.exe** (PID: 6868 cmdline: C:\Windows\Microsoft.NET\Frameworkv2.0.50727\vbc.exe /stext 'C:\Users\user\AppData\Local\Temp\holderwb.txt' MD5: C63ED21D5706A527419C9FBD730FFB2E)
      -  **WerFault.exe** (PID: 7028 cmdline: C:\Windows\SysWOW64\WerFault.exe -u -p 3724 -s 1996 MD5: 9E2B8ACAD48ECCA55C0230D63623661B)
    -  **origigoods40.exe** (PID: 6172 cmdline: 'C:\Users\user~1\AppData\Local\Temp\origigoods40.exe' 0 MD5: AE36F0D16230B9F41FFECBD3C5B1D660)
    -  **Matiexgoods.exe** (PID: 6264 cmdline: 'C:\Users\user~1\AppData\Local\Temp\Matiexgoods.exe' 0 MD5: 80C61B903400B534858D047DD0919F0E)
      -  **netsh.exe** (PID: 1744 cmdline: 'netsh' wlan show profile MD5: A0AA322BB46BBFC36AB9DC1DBBB807)
        -  **conhost.exe** (PID: 1200 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
    -  **origigoods20.exe** (PID: 6352 cmdline: 'C:\Users\user~1\AppData\Local\Temp\origigoods20.exe' 0 MD5: 61DC57C6575E1F3F2AE14C1B332AD2FB)
  -  **I\$#\$IT3ssl.exe** (PID: 1808 cmdline: 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\\$s#\$IT3ssl.exe' MD5: 59D7D8D5DD3E0055E7C0DCC75897F569)
    -  **powershell.exe** (PID: 6908 cmdline: 'Powershell.exe' -ExecutionPolicy Bypass -command Copy-Item 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\\$s#\$IT3ssl.exe' 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\\$s#\$IT3ssl.exe' MD5: DBA3E6449E97D4E3DF64527EF7012A10)
      -  **conhost.exe** (PID: 6980 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
    -  **RegAsm.exe** (PID: 4828 cmdline: C:\Windows\Microsoft.NET\Frameworkv4.0.30319\RegAsm.exe MD5: 6FD7592411112729BF6B1F2F6C34899F)
      -  **hawkgoods.exe** (PID: 5440 cmdline: 'C:\Users\user~1\AppData\Local\Temp\hawkgoods.exe' 0 MD5: FFDB58533D5D1362E896E96FB6F02A95)
        -  **dw20.exe** (PID: 5252 cmdline: dw20.exe -x -s 2092 MD5: 8D10DA8A3E11747E51F23C882C22BBC3)
        -  **vbc.exe** (PID: 5776 cmdline: C:\Windows\Microsoft.NET\Frameworkv2.0.50727\vbc.exe /stext 'C:\Users\user\AppData\Local\Temp\holdermail.txt' MD5: C63ED21D5706A527419C9FBD730FFB2E)
        -  **vbc.exe** (PID: 6108 cmdline: C:\Windows\Microsoft.NET\Frameworkv2.0.50727\vbc.exe /stext 'C:\Users\user\AppData\Local\Temp\holderwb.txt' MD5: C63ED21D5706A527419C9FBD730FFB2E)
        -  **WerFault.exe** (PID: 4776 cmdline: C:\Windows\SysWOW64\WerFault.exe -u -p 5440 -s 940 MD5: 9E2B8ACAD48ECCA55C0230D63623661B)
      -  **origigoods40.exe** (PID: 3080 cmdline: 'C:\Users\user~1\AppData\Local\Temp\origigoods40.exe' 0 MD5: AE36F0D16230B9F41FFECBD3C5B1D660)
      -  **Matiexgoods.exe** (PID: 6532 cmdline: 'C:\Users\user~1\AppData\Local\Temp\Matiexgoods.exe' 0 MD5: 80C61B903400B534858D047DD0919F0E)
      -  **origigoods20.exe** (PID: 7160 cmdline: 'C:\Users\user~1\AppData\Local\Temp\origigoods20.exe' 0 MD5: 61DC57C6575E1F3F2AE14C1B332AD2FB)
  - **cleanup**

## Malware Configuration

## Threatname: HawkEye

```
{  
    "Modules": [  
        "WebBrowserPassView",  
        "mailpv",  
        "Mail PassView"  
    ],  
    "Version": ""  
}
```

## Threatname: Agenttesla

```
{  
    "Username": "",  
    "URL": "",  
    "To": "",  
    "ByHost": "smtp.privateemail.com:587",  
    "Password": "",  
    "From": ""  
}
```

## Yara Overview

### Dropped Files

| Source  | Rule                     | Description                                     | Author       | Strings  |
|---|--------------------------|---|--------------|--|
| C:\Users\user\AppData\Local\Temp\origigoods20.exe | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla                        | Joe Security |  |
| C:\Users\user\AppData\Local\Temp\origigoods40.exe | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla                        | Joe Security |  |
| C:\Users\user\AppData\Local\Temp\Matixgoods.exe   | JoeSecurity_Matix        | Yara detected Matix Keylogger                   | Joe Security |  |
| dropped/hawkgoods.exe                             | HKTL_NET_GUID_Stealer    | Detects c# red/black-team tools via typelibguid | Arnim Rupp   | • 0x7423:\$typelibguid0: 8fc4931-91a2-4e18-849b-70de34ab75df |
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe    | HKTL_NET_GUID_Stealer    | Detects c# red/black-team tools via typelibguid | Arnim Rupp   | • 0x7423:\$typelibguid0: 8fc4931-91a2-4e18-849b-70de34ab75df |

Click to see the 10 entries

### Memory Dumps

| Source  | Rule                           | Description   | Author       | Strings |
|---|--------------------------------|---|--------------|---------|
| 00000005.00000003.273863512.0000000003E4<br>D000.00000004.00000001.sdmp | JoeSecurity_AgentTesla_1       | Yara detected AgentTesla                                | Joe Security |         |
| 00000005.00000003.285132773.0000000003DE<br>1000.00000004.00000001.sdmp | JoeSecurity_AgentTesla_1       | Yara detected AgentTesla                                | Joe Security |         |
| 0000001F.00000000.423374232.000000000072<br>2000.00000002.00020000.sdmp | JoeSecurity_AgentTesla_1       | Yara detected AgentTesla                                | Joe Security |         |
| 0000001A.00000003.425880345.0000000003A2<br>D000.00000004.00000001.sdmp | JoeSecurity_AgentTesla_1       | Yara detected AgentTesla                                | Joe Security |         |
| 00000023.00000002.465758929.000000000040<br>0000.0000040.00000001.sdmp  | JoeSecurity_WebBrowserPassView | Yara detected WebBrowserPassView password recovery tool | Joe Security |         |

Click to see the 99 entries

### Unpacked PEs

| Source                                | Rule                           | Description   | Author       | Strings |
|---------------------------------------|--------------------------------|---|--------------|---------|
| 17.2.vbc.exe.400000.0.unpack          | JoeSecurity_MailPassView       | Yara detected MailPassView                              | Joe Security |         |
| 7.0.origigoods40.exe.c30000.0.unpack  | JoeSecurity_AgentTesla_1       | Yara detected AgentTesla                                | Joe Security |         |
| 35.2.vbc.exe.400000.0.raw.unpack      | JoeSecurity_WebBrowserPassView | Yara detected WebBrowserPassView password recovery tool | Joe Security |         |
| 28.2.origigoods40.exe.e20000.0.unpack | JoeSecurity_AgentTesla_1       | Yara detected AgentTesla                                | Joe Security |         |

| Source                              | Rule                     | Description              | Author       | Strings |
|-------------------------------------|--------------------------|--------------------------|--------------|---------|
| 31.2.origoods20.exe.720000.0.unpack | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |

Click to see the 271 entries

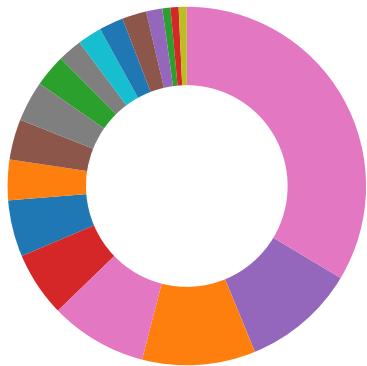
## Sigma Overview

### System Summary:



Sigma detected: Capture Wi-Fi password

## Signature Overview



- AV Detection
- Compliance
- Spreading
- Software Vulnerabilities
- Networking
- Key, Mouse, Clipboard, Microphone and Screen Capturing
- System Summary
- Data Obfuscation
- Persistence and Installation Behavior
- Boot Survival
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion
- Anti Debugging
- HIPS / PFW / Operating System Protection Evasion
- Language, Device and Operating System Detection
- Lowering of HIPS / PFW / Operating System Security Settings
- Stealing of Sensitive Information
- Remote Access Functionality

Click to jump to signature section

### AV Detection:



Antivirus detection for dropped file  
Found malware configuration  
Multi AV Scanner detection for dropped file  
Multi AV Scanner detection for submitted file  
Machine Learning detection for dropped file  
Machine Learning detection for sample

### Compliance:



Uses 32bit PE files  
Uses insecure TLS / SSL version for HTTPS connection  
Uses new MSVCR DLLs  
Contains modern PE file flags such as dynamic base (ASLR) or NX  
Binary contains paths to debug symbols

### Networking:



May check the online IP address of the machine

### Key, Mouse, Clipboard, Microphone and Screen Capturing:



|  |
|--|
| Yara detected HawkEye Keylogger                        |
| Contains functionality to log keystrokes (.Net Source) |
| Installs a global keyboard hook                        |

|                 |  |  |  |
|-----------------|--|--|--|
| System Summary: |  |  |  |
|-----------------|--|--|--|

|  |
|--|
| Malicious sample detected (through community Yara rule)    |
| .NET source code contains very large array initializations |
| Initial sample is a PE file and has a suspicious name      |
| Powershell drops PE file                                   |

|                   |  |  |  |
|-------------------|--|--|--|
| Data Obfuscation: |  |  |  |
|-------------------|--|--|--|

|  |
|--|
| .NET source code contains potential unpacker |
|--|

|                |  |  |  |
|----------------|--|--|--|
| Boot Survival: |  |  |  |
|----------------|--|--|--|

|                                      |
|--------------------------------------|
| Drops PE files to the startup folder |
|--------------------------------------|

|   |  |  |  |
|---|--|--|--|
| Hooking and other Techniques for Hiding and Protection: |  |  |  |
|---|--|--|--|

|  |
|--|
| Changes the view of files in windows explorer (hidden files and folders) |
|--|

|                                  |  |  |  |
|----------------------------------|--|--|--|
| Malware Analysis System Evasion: |  |  |  |
|----------------------------------|--|--|--|

|  |
|--|
| Yara detected AntiVM_3   |
| Found evasive API chain (trying to detect sleep duration tampering with parallel thread)                             |
| Queries sensitive BIOS Information (via WMI, Win32_Bios & Win32_BaseBoard, often done to detect virtual machines)    |
| Queries sensitive network adapter information (via WMI, Win32_NetworkAdapter, often done to detect virtual machines) |

|   |  |  |  |
|---|--|--|--|
| HIPS / PFW / Operating System Protection Evasion: |  |  |  |
|---|--|--|--|

|   |
|---|
| .NET source code references suspicious native API functions |
| Allocates memory in foreign processes                       |
| Bypasses PowerShell execution policy                        |
| Injects a PE file into a foreign processes                  |
| Sample uses process hollowing technique                     |
| Writes to foreign memory regions                            |

|  |  |  |  |
|--|--|--|--|
| Lowering of HIPS / PFW / Operating System Security Settings: |  |  |  |
|--|--|--|--|

|  |
|--|
| Uses netsh to modify the Windows network and firewall settings |
|--|

|                                    |  |  |  |
|------------------------------------|--|--|--|
| Stealing of Sensitive Information: |  |  |  |
|------------------------------------|--|--|--|

|  |
|--|
| Yara detected AgentTesla   |
| Yara detected HawkEye Keylogger  |
| Yara detected MailPassView   |
| Yara detected Matiex Keylogger   |
| Tries to harvest and steal Putty / WinSCP information (sessions, passwords, etc) |
| Tries to harvest and steal WLAN passwords  |
| Tries to harvest and steal browser information (history, passwords, etc)         |
| Tries to harvest and steal ftp login credentials                                 |

Tries to steal Instant Messenger accounts or passwords

Tries to steal Mail credentials (via file access)

Yara detected WebBrowserPassView password recovery tool

## Remote Access Functionality:



Detected HawkEye Rat

Yara detected AgentTesla

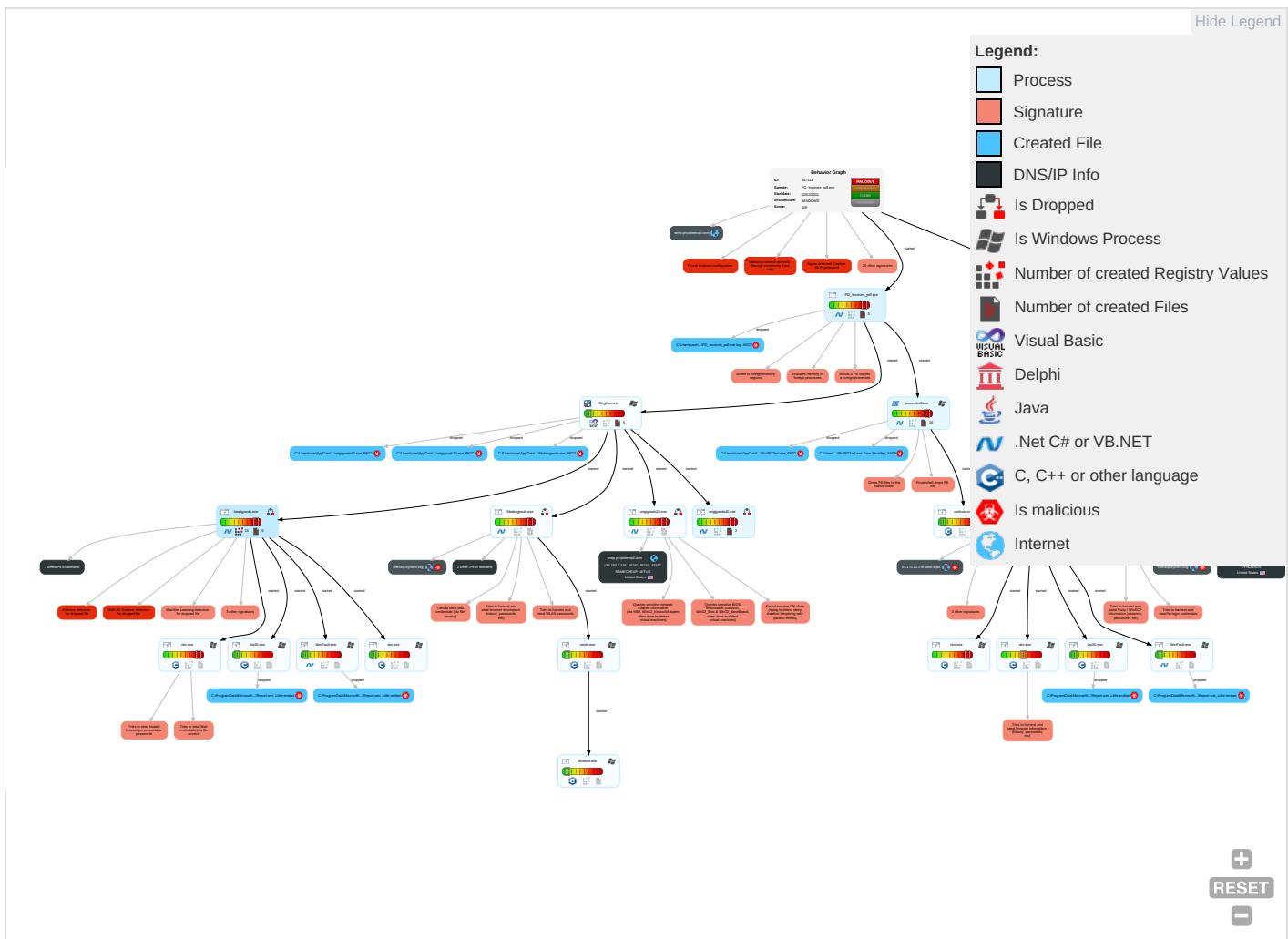
Yara detected HawkEye Keylogger

Yara detected Matiex Keylogger

## Mitre Att&ck Matrix

| Initial Access   | Execution  | Persistence   | Privilege Escalation  | Defense Evasion   | Credential Access   | Discovery  | Lateral Movement   | Collection  | Exfiltration   |
|--|--|---|---|---|---|--|--|---|--|
| Replication Through Removable Media <span style="color: red;">1</span> | Windows Management Instrumentation <span style="color: red;">2</span> <span style="color: orange;">3</span> <span style="color: green;">1</span> | Startup Items <span style="color: red;">1</span>  | Startup Items <span style="color: red;">1</span>  | Disable or Modify Tools <span style="color: red;">2</span> <span style="color: orange;">1</span> <span style="color: green;">1</span> | OS Credential Dumping <span style="color: red;">2</span>  | Peripheral Device Discovery <span style="color: green;">1</span>   | Replication Through Removable Media <span style="color: red;">1</span> | Archive Collected Data <span style="color: red;">1</span> <span style="color: green;">1</span>                              | Exfiltration Over Network Medium                         |
| Default Accounts   | Native API <span style="color: red;">2</span>  | DLL Side-Loading <span style="color: red;">1</span>   | DLL Side-Loading <span style="color: red;">1</span>   | Deobfuscate/Decode Files or Information <span style="color: red;">1</span> <span style="color: green;">1</span>                       | Input Capture <span style="color: red;">2</span> <span style="color: orange;">1</span> <span style="color: green;">1</span> | File and Directory Discovery <span style="color: green;">1</span>  | Remote Desktop Protocol  | Data from Local System <span style="color: red;">2</span>   | Exfiltration Over Bluetooth                              |
| Domain Accounts  | Shared Modules <span style="color: green;">1</span>  | Registry Run Keys / Startup Folder <span style="color: red;">1</span> <span style="color: orange;">2</span> | Access Token Manipulation <span style="color: red;">1</span>  | Obfuscated Files or Information <span style="color: red;">4</span> <span style="color: orange;">1</span>                              | Credentials in Registry <span style="color: red;">2</span>  | System Information Discovery <span style="color: red;">1</span> <span style="color: orange;">2</span> <span style="color: green;">6</span> | SMB/Windows Admin Shares   | Email Collection <span style="color: red;">1</span>   | Automated Exfiltration                                   |
| Local Accounts   | Command and Scripting Interpreter <span style="color: red;">1</span>   | Logon Script (Mac)  | Process Injection <span style="color: red;">4</span> <span style="color: orange;">1</span> <span style="color: green;">1</span> | Software Packing <span style="color: red;">1</span> <span style="color: orange;">3</span>   | Credentials In Files <span style="color: red;">1</span>   | Query Registry <span style="color: red;">1</span>  | Distributed Component Object Model                                     | Input Capture <span style="color: red;">2</span> <span style="color: orange;">1</span> <span style="color: green;">1</span> | Scheduled Transfer                                       |
| Cloud Accounts   | PowerShell <span style="color: red;">2</span>  | Network Logon Script  | Registry Run Keys / Startup Folder <span style="color: red;">1</span> <span style="color: orange;">2</span>                     | DLL Side-Loading <span style="color: red;">1</span>   | LSA Secrets   | Security Software Discovery <span style="color: red;">2</span> <span style="color: orange;">5</span> <span style="color: green;">1</span>  | SSH  | Clipboard Data <span style="color: red;">1</span>   | Data Transfer Size Limits                                |
| Replication Through Removable Media                                    | Launchd  | Rc.common   | Rc.common   | Masquerading <span style="color: red;">1</span>   | Cached Domain Credentials   | Virtualization/Sandbox Evasion <span style="color: red;">1</span> <span style="color: orange;">6</span>                                    | VNC  | GUI Input Capture   | Exfiltration Over Channel                                |
| External Remote Services   | Scheduled Task   | Startup Items   | Startup Items   | Virtualization/Sandbox Evasion <span style="color: red;">1</span> <span style="color: orange;">6</span>                               | DCSync  | Process Discovery <span style="color: red;">2</span>   | Windows Remote Management  | Web Portal Capture  | Exfiltration Over Alternative Protocol                   |
| Drive-by Compromise  | Command and Scripting Interpreter  | Scheduled Task/Job  | Scheduled Task/Job  | Access Token Manipulation <span style="color: red;">1</span>  | Proc Filesystem   | Application Window Discovery <span style="color: green;">1</span>  | Shared Webroot   | Credential API Hooking  | Exfiltration Over Symmetric Encryption Non-C2 Protocol   |
| Exploit Public-Facing Application                                      | PowerShell   | At (Linux)  | At (Linux)  | Process Injection <span style="color: red;">4</span> <span style="color: orange;">1</span> <span style="color: green;">1</span>       | /etc/passwd and /etc/shadow   | Remote System Discovery <span style="color: red;">1</span>   | Software Deployment Tools  | Data Staged   | Exfiltration Over Asymmetric Encryption Non-C2 Protocol  |
| Supply Chain Compromise  | AppleScript  | At (Windows)  | At (Windows)  | Hidden Files and Directories <span style="color: red;">1</span>   | Network Sniffing  | System Network Configuration Discovery <span style="color: red;">1</span>  | Taint Shared Content   | Local Data Staging  | Exfiltration Over Unencrypted/Obfuscated Non-C2 Protocol |

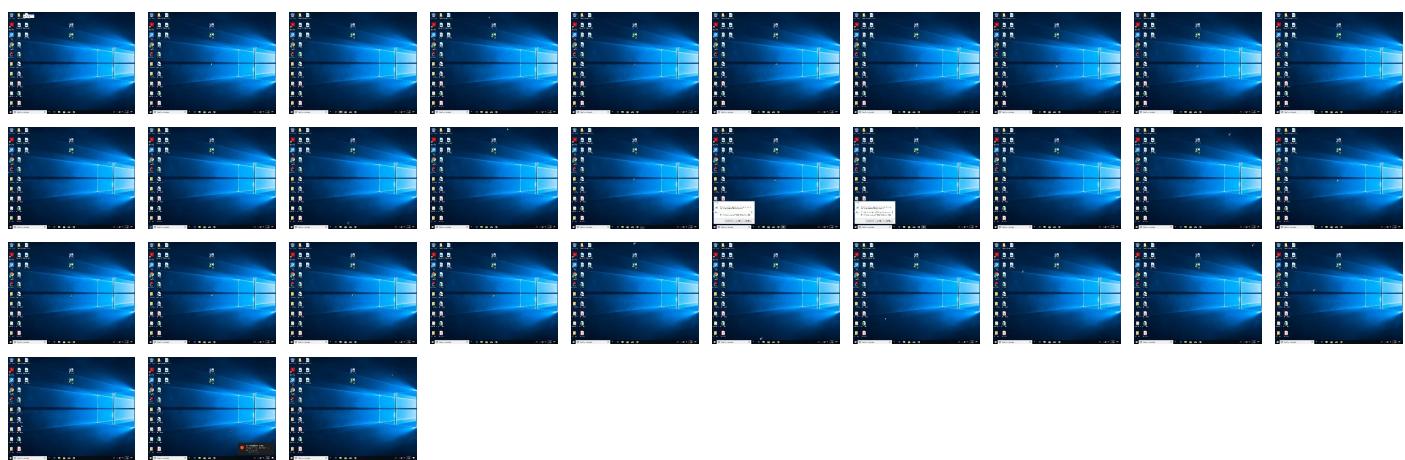
## Behavior Graph

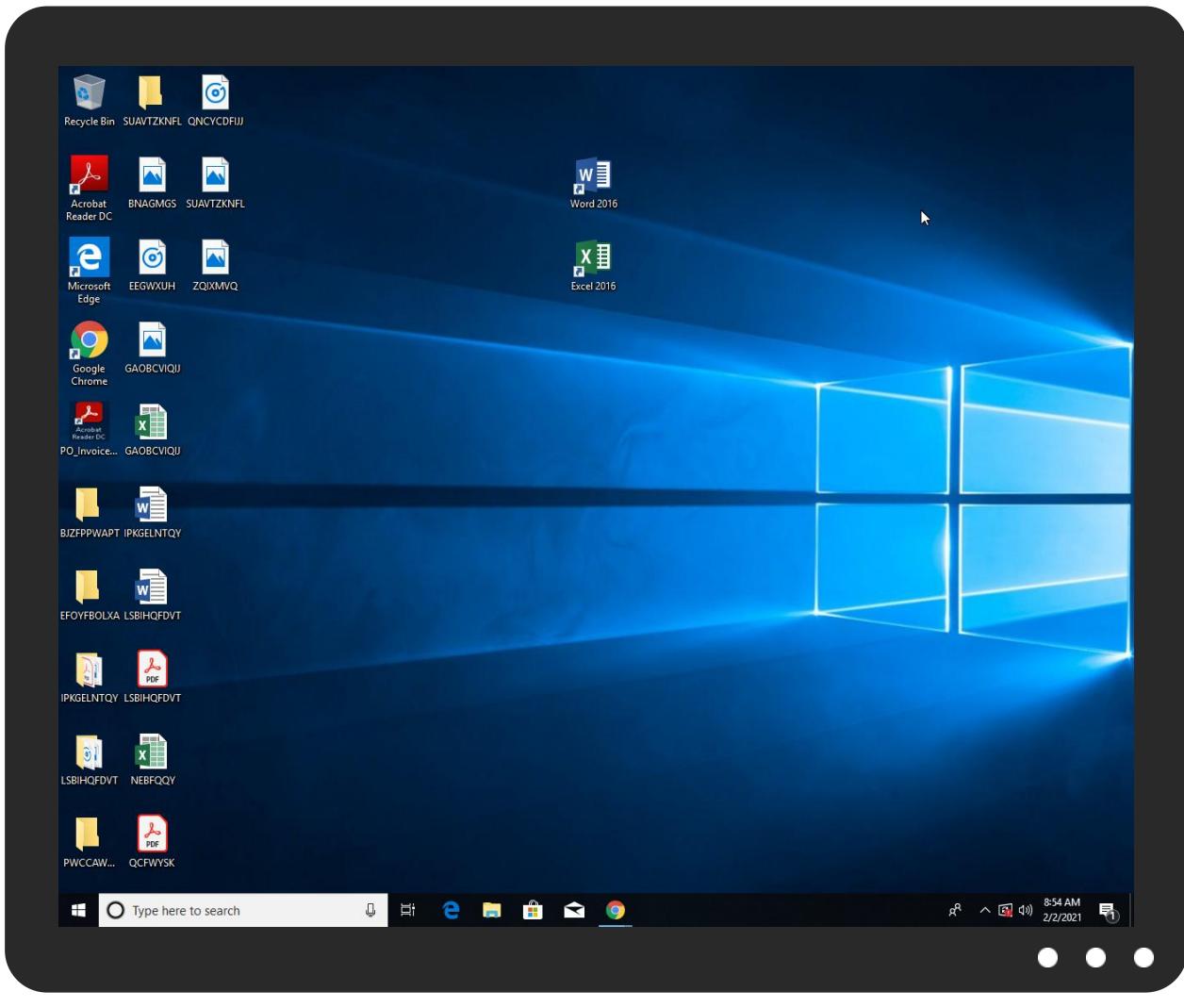


## Screenshots

### thumbnails

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





## Antivirus, Machine Learning and Genetic Malware Detection

### Initial Sample

| Source              | Detection | Scanner        | Label                     | Link |
|---------------------|-----------|----------------|---------------------------|------|
| PO_Invoices_pdf.exe | 18%       | ReversingLabs  | ByteCode-MSIL.Trojan.Pwsx |      |
| PO_Invoices_pdf.exe | 100%      | Joe Sandbox ML |                           |      |

### Dropped Files

| Source   | Detection | Scanner        | Label                               | Link   |
|--|-----------|----------------|-------------------------------------|--------|
| C:\Users\user\AppData\Local\Temp\origigoods40.exe  | 100%      | Avira          | TR/Spy.Gen8                         |        |
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe   | 100%      | Avira          | TR/AD.MExecute.lzrac                |        |
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe   | 100%      | Avira          | SPR/Tool.MailPassView.473           |        |
| C:\Users\user\AppData\Local\Temp\origigoods20.exe  | 100%      | Avira          | TR/Spy.Gen8                         |        |
| C:\Users\user\AppData\Local\Temp\Matixgoods.exe  | 100%      | Avira          | TR/Redcap.jajcu                     |        |
| C:\Users\user\AppData\Local\Temp\origigoods40.exe  | 100%      | Joe Sandbox ML |                                     |        |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\\$##\$IT3ssl.exe | 100%      | Joe Sandbox ML |                                     |        |
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe   | 100%      | Joe Sandbox ML |                                     |        |
| C:\Users\user\AppData\Local\Temp\origigoods20.exe  | 100%      | Joe Sandbox ML |                                     |        |
| C:\Users\user\AppData\Local\Temp\Matixgoods.exe  | 100%      | Joe Sandbox ML |                                     |        |
| C:\Users\user\AppData\Local\Temp\Matixgoods.exe  | 46%       | Metadefender   |                                     | Browse |
| C:\Users\user\AppData\Local\Temp\Matixgoods.exe  | 89%       | ReversingLabs  | ByteCode-MSIL.Trojan.MatixKeylogger |        |

| Source   | Detection | Scanner       | Label                                 | Link                   |
|--|-----------|---------------|---------------------------------------|------------------------|
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe   | 96%       | ReversingLabs | ByteCode-MSIL.Trojan.Golroted         |                        |
| C:\Users\user\AppData\Local\Temp\origigoods20.exe  | 43%       | Metadefender  |                                       | <a href="#">Browse</a> |
| C:\Users\user\AppData\Local\Temp\origigoods20.exe  | 86%       | ReversingLabs | ByteCode-MSIL.Infostealer.DarkStealer |                        |
| C:\Users\user\AppData\Local\Temp\origigoods40.exe  | 43%       | Metadefender  |                                       | <a href="#">Browse</a> |
| C:\Users\user\AppData\Local\Temp\origigoods40.exe  | 82%       | ReversingLabs | ByteCode-MSIL.Infostealer.DarkStealer |                        |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\$#IT3ssl.exe | 20%       | ReversingLabs | ByteCode-MSIL.Trojan.Pwsx             |                        |

## Unpacked PE Files

| Source                                   | Detection | Scanner | Label                     | Link | Download                      |
|--|-----------|---------|---------------------------|------|-------------------------------|
| 7.0.origigoods40.exe.c30000.0.unpack     | 100%      | Avira   | HEUR/AGEN.1138205         |      | <a href="#">Download File</a> |
| 30.0.Matiexgoods.exe.bd0000.0.unpack     | 100%      | Avira   | TR/Redcap.jajcu           |      | <a href="#">Download File</a> |
| 8.2.Matiexgoods.exe.f70000.0.unpack      | 100%      | Avira   | TR/Redcap.jajcu           |      | <a href="#">Download File</a> |
| 28.2.origigoods40.exe.e20000.0.unpack    | 100%      | Avira   | HEUR/AGEN.1138205         |      | <a href="#">Download File</a> |
| 31.2.origigoods20.exe.720000.0.unpack    | 100%      | Avira   | HEUR/AGEN.1138205         |      | <a href="#">Download File</a> |
| 10.0.origigoods20.exe.e0000.0.unpack     | 100%      | Avira   | HEUR/AGEN.1138205         |      | <a href="#">Download File</a> |
| 10.2.origigoods20.exe.e0000.0.unpack     | 100%      | Avira   | HEUR/AGEN.1138205         |      | <a href="#">Download File</a> |
| 27.2.hawkgoods.exe.a40000.0.unpack       | 100%      | Avira   | TR/AD.MExecute.lzrac      |      | <a href="#">Download File</a> |
| 27.2.hawkgoods.exe.a40000.0.unpack       | 100%      | Avira   | SPR/Tool.MailPassView.473 |      | <a href="#">Download File</a> |
| 6.0.hawkgoods.exe.2f0000.0.unpack        | 100%      | Avira   | TR/AD.MExecute.lzrac      |      | <a href="#">Download File</a> |
| 6.0.hawkgoods.exe.2f0000.0.unpack        | 100%      | Avira   | SPR/Tool.MailPassView.473 |      | <a href="#">Download File</a> |
| 30.2.Matiexgoods.exe.bd0000.0.unpack     | 100%      | Avira   | TR/Redcap.jajcu           |      | <a href="#">Download File</a> |
| 26.2.RegAsm.exe.400000.0.unpack          | 100%      | Avira   | TR/AD.MExecute.lzrac      |      | <a href="#">Download File</a> |
| 26.2.RegAsm.exe.400000.0.unpack          | 100%      | Avira   | SPR/Tool.MailPassView.473 |      | <a href="#">Download File</a> |
| 26.2.RegAsm.exe.400000.0.unpack          | 100%      | Avira   | TR/Redcap.jajcu           |      | <a href="#">Download File</a> |
| 26.2.RegAsm.exe.400000.0.unpack          | 100%      | Avira   | TR/Spy.Gen8               |      | <a href="#">Download File</a> |
| 26.2.RegAsm.exe.4031bf.2.unpack          | 100%      | Avira   | TR/Inject.vcoldi          |      | <a href="#">Download File</a> |
| 8.0.Matiexgoods.exe.f70000.0.unpack      | 100%      | Avira   | TR/Redcap.jajcu           |      | <a href="#">Download File</a> |
| 5.2.RegAsm.exe.400000.0.unpack           | 100%      | Avira   | TR/AD.MExecute.lzrac      |      | <a href="#">Download File</a> |
| 5.2.RegAsm.exe.400000.0.unpack           | 100%      | Avira   | SPR/Tool.MailPassView.473 |      | <a href="#">Download File</a> |
| 5.2.RegAsm.exe.400000.0.unpack           | 100%      | Avira   | TR/Redcap.jajcu           |      | <a href="#">Download File</a> |
| 5.2.RegAsm.exe.400000.0.unpack           | 100%      | Avira   | TR/Spy.Gen8               |      | <a href="#">Download File</a> |
| 6.2.hawkgoods.exe.2f0000.0.unpack        | 100%      | Avira   | TR/AD.MExecute.lzrac      |      | <a href="#">Download File</a> |
| 6.2.hawkgoods.exe.2f0000.0.unpack        | 100%      | Avira   | SPR/Tool.MailPassView.473 |      | <a href="#">Download File</a> |
| 28.0.origigoods40.exe.e20000.0.unpack    | 100%      | Avira   | HEUR/AGEN.1138205         |      | <a href="#">Download File</a> |
| 23.2.I\$#IT3ssl.exe.4158f3f.3.unpack     | 100%      | Avira   | TR/Inject.vcoldi          |      | <a href="#">Download File</a> |
| 7.2.origigoods40.exe.c30000.0.unpack     | 100%      | Avira   | HEUR/AGEN.1138205         |      | <a href="#">Download File</a> |
| 31.0.origigoods20.exe.720000.0.unpack    | 100%      | Avira   | HEUR/AGEN.1138205         |      | <a href="#">Download File</a> |
| 27.0.hawkgoods.exe.a40000.0.unpack       | 100%      | Avira   | TR/AD.MExecute.lzrac      |      | <a href="#">Download File</a> |
| 27.0.hawkgoods.exe.a40000.0.unpack       | 100%      | Avira   | SPR/Tool.MailPassView.473 |      | <a href="#">Download File</a> |
| 0.2.PO_Invoices_pdf.exe.4396d80.5.unpack | 100%      | Avira   | TR/Inject.vcoldi          |      | <a href="#">Download File</a> |
| 5.2.RegAsm.exe.4031bf.1.unpack           | 100%      | Avira   | TR/Inject.vcoldi          |      | <a href="#">Download File</a> |
| 35.2.vbc.exe.400000.0.unpack             | 100%      | Avira   | HEUR/AGEN.1125438         |      | <a href="#">Download File</a> |
| 18.2.vbc.exe.400000.0.unpack             | 100%      | Avira   | HEUR/AGEN.1125438         |      | <a href="#">Download File</a> |
| 0.2.PO_Invoices_pdf.exe.4398f3f.4.unpack | 100%      | Avira   | TR/Inject.vcoldi          |      | <a href="#">Download File</a> |
| 23.2.I\$#IT3ssl.exe.4156d80.4.unpack     | 100%      | Avira   | TR/Inject.vcoldi          |      | <a href="#">Download File</a> |

## Domains

No Antivirus matches

## URLs

| Source                    | Detection | Scanner         | Label | Link |
|---------------------------|-----------|-----------------|-------|------|
| http://127.0.0.1:HTTP/1.1 | 0%        | Avira URL Cloud | safe  |      |

| Source   | Detection | Scanner         | Label | Link |
|--|-----------|-----------------|-------|------|
| http://www.founder.com.cn/cn/bThe  | 0%        | URL Reputation  | safe  |      |
| http://www.founder.com.cn/cn/bThe  | 0%        | URL Reputation  | safe  |      |
| http://www.founder.com.cn/cn/bThe  | 0%        | URL Reputation  | safe  |      |
| http://www.zhongyicts.com.cnaN   | 0%        | Avira URL Cloud | safe  |      |
| http://ocsp.sectigo.com0   | 0%        | URL Reputation  | safe  |      |
| http://ocsp.sectigo.com0   | 0%        | URL Reputation  | safe  |      |
| http://ocsp.sectigo.com0   | 0%        | URL Reputation  | safe  |      |
| http://tempuri.org/DataSet1.xsd  | 0%        | Avira URL Cloud | safe  |      |
| http://www.founder.com.cn/cnR  | 0%        | Avira URL Cloud | safe  |      |
| http://https://contoso.com/License   | 0%        | URL Reputation  | safe  |      |
| http://https://contoso.com/License   | 0%        | URL Reputation  | safe  |      |
| http://https://contoso.com/License   | 0%        | URL Reputation  | safe  |      |
| http://www.founder.com.cn/cnT  | 0%        | Avira URL Cloud | safe  |      |
| http://www.tiro.com  | 0%        | URL Reputation  | safe  |      |
| http://www.tiro.com  | 0%        | URL Reputation  | safe  |      |
| http://www.tiro.com  | 0%        | URL Reputation  | safe  |      |
| http://ns.adobe.c/g  | 0%        | URL Reputation  | safe  |      |
| http://ns.adobe.c/g  | 0%        | URL Reputation  | safe  |      |
| http://ns.adobe.c/g  | 0%        | URL Reputation  | safe  |      |
| http://www.goodfont.co.kr  | 0%        | URL Reputation  | safe  |      |
| http://www.goodfont.co.kr  | 0%        | URL Reputation  | safe  |      |
| http://www.goodfont.co.kr  | 0%        | URL Reputation  | safe  |      |
| http://www.carterandcone.com   | 0%        | URL Reputation  | safe  |      |
| http://www.carterandcone.com   | 0%        | URL Reputation  | safe  |      |
| http://www.carterandcone.com   | 0%        | URL Reputation  | safe  |      |
| http://www.sajatypeworks.com   | 0%        | URL Reputation  | safe  |      |
| http://www.sajatypeworks.com   | 0%        | URL Reputation  | safe  |      |
| http://www.sajatypeworks.com   | 0%        | URL Reputation  | safe  |      |
| http://csARxe.com  | 0%        | Avira URL Cloud | safe  |      |
| http://www.typography.netD   | 0%        | URL Reputation  | safe  |      |
| http://www.typography.netD   | 0%        | URL Reputation  | safe  |      |
| http://www.typography.netD   | 0%        | URL Reputation  | safe  |      |
| http://www.founder.com.cn/cThe   | 0%        | URL Reputation  | safe  |      |
| http://www.founder.com.cn/cThe   | 0%        | URL Reputation  | safe  |      |
| http://www.founder.com.cn/cThe   | 0%        | URL Reputation  | safe  |      |
| http://www.galapagosdesign.com/staff/dennis.htm  | 0%        | URL Reputation  | safe  |      |
| http://www.galapagosdesign.com/staff/dennis.htm  | 0%        | URL Reputation  | safe  |      |
| http://www.galapagosdesign.com/staff/dennis.htm  | 0%        | URL Reputation  | safe  |      |
| http://fontfabrik.com  | 0%        | URL Reputation  | safe  |      |
| http://fontfabrik.com  | 0%        | URL Reputation  | safe  |      |
| http://fontfabrik.com  | 0%        | URL Reputation  | safe  |      |
| http://www.typography.net-siu  | 0%        | Avira URL Cloud | safe  |      |
| http://checkip.dyndns.org/   | 0%        | Avira URL Cloud | safe  |      |
| http://www.typography.net  | 0%        | URL Reputation  | safe  |      |
| http://www.typography.net  | 0%        | URL Reputation  | safe  |      |
| http://www.typography.net  | 0%        | URL Reputation  | safe  |      |
| http://https://contoso.com/  | 0%        | URL Reputation  | safe  |      |
| http://https://contoso.com/  | 0%        | URL Reputation  | safe  |      |
| http://https://contoso.com/  | 0%        | URL Reputation  | safe  |      |
| http://  | 0%        | URL Reputation  | safe  |      |
| https://freegeoip.app/xml/LoadTimeZoneCountryNameCountryCodehttps://www.geodatatool.com/en/?ip=/ | 0%        | URL Reputation  | safe  |      |
| http://  | 0%        | URL Reputation  | safe  |      |
| https://freegeoip.app/xml/LoadTimeZoneCountryNameCountryCodehttps://www.geodatatool.com/en/?ip=/ | 0%        | URL Reputation  | safe  |      |
| http://  | 0%        | URL Reputation  | safe  |      |
| https://freegeoip.app/xml/LoadTimeZoneCountryNameCountryCodehttps://www.geodatatool.com/en/?ip=/ | 0%        | URL Reputation  | safe  |      |
| http://www.galapagosdesign.com/DPlease   | 0%        | URL Reputation  | safe  |      |
| http://www.galapagosdesign.com/DPlease   | 0%        | URL Reputation  | safe  |      |
| http://www.galapagosdesign.com/DPlease   | 0%        | URL Reputation  | safe  |      |
| http://https://api.ipify.org%GETMozilla/5.0  | 0%        | URL Reputation  | safe  |      |
| http://https://api.ipify.org%GETMozilla/5.0  | 0%        | URL Reputation  | safe  |      |
| http://https://api.ipify.org%GETMozilla/5.0  | 0%        | URL Reputation  | safe  |      |
| http://www.sandoll.co.kr   | 0%        | URL Reputation  | safe  |      |
| http://www.sandoll.co.kr   | 0%        | URL Reputation  | safe  |      |

| Source   | Detection | Scanner         | Label | Link |
|--|-----------|-----------------|-------|------|
| http://www.sandoll.co.kr   | 0%        | URL Reputation  | safe  |      |
| http://www.urwpp.deDPlease   | 0%        | URL Reputation  | safe  |      |
| http://www.urwpp.deDPlease   | 0%        | URL Reputation  | safe  |      |
| http://www.urwpp.deDPlease   | 0%        | URL Reputation  | safe  |      |
| http://www.zhongyicts.com.cn   | 0%        | URL Reputation  | safe  |      |
| http://www.zhongyicts.com.cn   | 0%        | URL Reputation  | safe  |      |
| http://www.zhongyicts.com.cn   | 0%        | URL Reputation  | safe  |      |
| http://www.carterandcone.como.   | 0%        | URL Reputation  | safe  |      |
| http://www.carterandcone.como.   | 0%        | URL Reputation  | safe  |      |
| http://www.carterandcone.como.   | 0%        | URL Reputation  | safe  |      |
| http://www.sakkal.com  | 0%        | URL Reputation  | safe  |      |
| http://www.sakkal.com  | 0%        | URL Reputation  | safe  |      |
| http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip | 0%        | URL Reputation  | safe  |      |
| http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip | 0%        | URL Reputation  | safe  |      |
| http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip | 0%        | URL Reputation  | safe  |      |
| http://www.founder.com.cn/cniac  | 0%        | Avira URL Cloud | safe  |      |
| http://https://freegeoip.app/xml/  | 0%        | URL Reputation  | safe  |      |
| http://https://freegeoip.app/xml/  | 0%        | URL Reputation  | safe  |      |
| http://crt.sectigo.com/SectigoRSADomainValidationSecureServerCA.crt0#                            | 0%        | URL Reputation  | safe  |      |
| http://crt.sectigo.com/SectigoRSADomainValidationSecureServerCA.crt0#                            | 0%        | URL Reputation  | safe  |      |
| http://crt.sectigo.com/SectigoRSADomainValidationSecureServerCA.crt0#                            | 0%        | URL Reputation  | safe  |      |
| http://DynDns.comDynDNS  | 0%        | URL Reputation  | safe  |      |
| http://DynDns.comDynDNS  | 0%        | URL Reputation  | safe  |      |
| http://DynDns.comDynDNS  | 0%        | URL Reputation  | safe  |      |
| http://www.goodfont.co.kr9   | 0%        | Avira URL Cloud | safe  |      |
| http://www.fontbureau.comF   | 0%        | URL Reputation  | safe  |      |
| http://www.fontbureau.comF   | 0%        | URL Reputation  | safe  |      |
| http://https://sectigo.com/CPS0  | 0%        | URL Reputation  | safe  |      |
| http://https://sectigo.com/CPS0  | 0%        | URL Reputation  | safe  |      |
| http://https://sectigo.com/CPS0  | 0%        | URL Reputation  | safe  |      |
| http://pesterbdd.com/images/Pester.png   | 0%        | URL Reputation  | safe  |      |
| http://pesterbdd.com/images/Pester.png   | 0%        | URL Reputation  | safe  |      |
| http://pesterbdd.com/images/Pester.png   | 0%        | URL Reputation  | safe  |      |
| http://www.carterandcone.como.R  | 0%        | Avira URL Cloud | safe  |      |
| http://ns.adobe.cobj   | 0%        | URL Reputation  | safe  |      |
| http://ns.adobe.cobj   | 0%        | URL Reputation  | safe  |      |

## Domains and IPs

### Contacted Domains

| Name                     | IP             | Active  | Malicious | Antivirus Detection | Reputation |
|--------------------------|----------------|---------|-----------|---------------------|------------|
| whatismyipaddress.com    | 104.16.155.36  | true    | false     |                     | high       |
| freegeoip.app            | 104.21.19.200  | true    | false     |                     | unknown    |
| smtp.privateemail.com    | 199.193.7.228  | true    | false     |                     | high       |
| checkip.dyndns.com       | 131.186.113.70 | true    | false     |                     | unknown    |
| 69.170.12.0.in-addr.arpa | unknown        | unknown | true      |                     | unknown    |
| checkip.dyndns.org       | unknown        | unknown | true      |                     | unknown    |

### Contacted URLs

| Name                          | Malicious | Antivirus Detection     | Reputation |
|-------------------------------|-----------|-------------------------|------------|
| http://checkip.dyndns.org/    | false     | • Avira URL Cloud: safe | unknown    |
| http://whatismyipaddress.com/ | false     |                         | high       |

### URLs from Memory and Binaries

| Name | Source | Malicious | Antivirus Detection | Reputation |
|------|--------|-----------|---------------------|------------|
|      |        |           |                     |            |

| Name                                     | Source  | Malicious | Antivirus Detection  | Reputation |
|--|---|-----------|--|------------|
| http://127.0.0.1:HTTP/1.1                | origoods40.exe, 00000007.000<br>00002.455680542.0000000002FE10<br>0.00000004.00000001.sdmp  | false     | • Avira URL Cloud: safe  | low        |
| http://www.fontbureau.com/designersG     | PO_Invoices_pdf.exe, 00000000.<br>00000002.300417704.00000000066<br>00000.00000002.00000001.sdmp,<br>hawkgoods.exe, 00000006.000000<br>02.391685560.0000000051E0000.<br>00000002.00000001.sdmp                          | false     |  | high       |
| http://www.fontbureau.com/designers/?    | PO_Invoices_pdf.exe, 00000000.<br>00000002.300417704.00000000066<br>00000.00000002.00000001.sdmp,<br>hawkgoods.exe, 00000006.000000<br>02.391685560.0000000051E0000.<br>00000002.00000001.sdmp                          | false     |  | high       |
| http://www.founder.com.cn/bThe           | PO_Invoices_pdf.exe, 00000000.<br>00000002.300417704.00000000066<br>00000.00000002.00000001.sdmp,<br>hawkgoods.exe, 00000006.000000<br>02.391685560.0000000051E0000.<br>00000002.00000001.sdmp                          | false     | • URL Reputation: safe<br>• URL Reputation: safe<br>• URL Reputation: safe | unknown    |
| http://www.zhongyicts.com.cnaN           | PO_Invoices_pdf.exe, 00000000.<br>00000003.250141662.00000000065<br>15000.0000004.00000001.sdmp   | false     | • Avira URL Cloud: safe  | unknown    |
| http://ocsp.sectigo.com0                 | Matiexgoods.exe, 00000008.0000<br>0003.461245193.00000000068F600<br>0.00000004.00000001.sdmp  | false     | • URL Reputation: safe<br>• URL Reputation: safe<br>• URL Reputation: safe | unknown    |
| http://https://github.com/Pester/PesterL | powershell.exe, 00000003.00000<br>002.382114009.0000000004983000<br>.00000004.00000001.sdmp   | false     |  | high       |
| http://www.fontbureau.com/designers?     | PO_Invoices_pdf.exe, 00000000.<br>00000002.300417704.00000000066<br>00000.00000002.00000001.sdmp,<br>hawkgoods.exe, 00000006.000000<br>02.391685560.0000000051E0000.<br>00000002.00000001.sdmp                          | false     |  | high       |
| http://tempuri.org/DataSet1.xsd          | PO_Invoices_pdf.exe, PO_Invoic<br>es_pdf.exe, 00000000.00000002.<br>277417941.00000000040A8000.000<br>0004.00000001.sdmp, powershell.exe,<br>00000003.00000003.370812465.00000<br>0008DB1000.00000004.00000001.<br>sdmp | false     | • Avira URL Cloud: safe  | unknown    |
| http://www.founder.com.cn/cnR            | PO_Invoices_pdf.exe, 00000000.<br>00000003.249338917.00000000065<br>16000.00000004.00000001.sdmp  | false     | • Avira URL Cloud: safe  | unknown    |
| http://https://contoso.com/License       | powershell.exe, 00000003.00000<br>002.386788256.00000000058A3000<br>.00000004.00000001.sdmp   | false     | • URL Reputation: safe<br>• URL Reputation: safe<br>• URL Reputation: safe | unknown    |
| http://www.founder.com.cn/cnT            | PO_Invoices_pdf.exe, 00000000.<br>00000003.250141662.0000000065<br>15000.00000004.00000001.sdmp   | false     | • Avira URL Cloud: safe  | unknown    |
| http://www.tiro.com                      | hawkgoods.exe, 00000006.000000<br>02.391685560.0000000051E0000.<br>00000002.00000001.sdmp   | false     | • URL Reputation: safe<br>• URL Reputation: safe<br>• URL Reputation: safe | unknown    |
| http://www.fontbureau.com/designers      | hawkgoods.exe, 00000006.000000<br>02.391685560.0000000051E0000.<br>00000002.00000001.sdmp   | false     |  | high       |
| http://ns.adobe.c/g                      | Matiexgoods.exe, 00000008.0000<br>0003.443342117.00000000931100<br>0.00000004.00000001.sdmp   | false     | • URL Reputation: safe<br>• URL Reputation: safe<br>• URL Reputation: safe | unknown    |
| http://www.goodfont.co.kr                | PO_Invoices_pdf.exe, 00000000.<br>00000002.300417704.00000000066<br>00000.00000002.00000001.sdmp,<br>hawkgoods.exe, 00000006.000000<br>02.391685560.0000000051E0000.<br>00000002.00000001.sdmp                          | false     | • URL Reputation: safe<br>• URL Reputation: safe<br>• URL Reputation: safe | unknown    |
| http://www.carterandcone.com             | PO_Invoices_pdf.exe, 00000000.<br>00000003.250459528.00000000065<br>13000.00000004.00000001.sdmp  | false     | • URL Reputation: safe<br>• URL Reputation: safe<br>• URL Reputation: safe | unknown    |
| http://www.sajatypeworks.com             | PO_Invoices_pdf.exe, 00000000.<br>00000002.300417704.00000000066<br>00000.00000002.00000001.sdmp,<br>hawkgoods.exe, 00000006.000000<br>02.391685560.0000000051E0000.<br>00000002.00000001.sdmp                          | false     | • URL Reputation: safe<br>• URL Reputation: safe<br>• URL Reputation: safe | unknown    |
| http://csARxe.com                        | origoods40.exe, 00000007.000<br>00002.455680542.0000000002FE10<br>0.00000004.00000001.sdmp  | false     | • Avira URL Cloud: safe  | unknown    |

| Name  | Source   | Malicious | Antivirus Detection  | Reputation |
|---|--|-----------|--|------------|
| <a href="http://www.typography.netD">http://www.typography.netD</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.founder.com.cn/cThe">http://www.founder.com.cn/cThe</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.galapagosdesign.com/staff/dennis.htm">http://www.galapagosdesign.com/staff/dennis.htm</a>   | PO_Invoices_pdf.exe, 00000000.00000003.256526982.0000000006539000.00000004.00000001.sdmp, PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://fontfabrik.com">http://fontfabrik.com</a>   | PO_Invoices_pdf.exe, 00000000.00000003.247874552.000000000654D000.00000004.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.typography.net-siu">http://www.typography.net-siu</a>   | PO_Invoices_pdf.exe, 00000000.00000003.248176476.000000000654D000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.typography.net">http://www.typography.net</a>   | PO_Invoices_pdf.exe, 00000000.00000003.248176476.000000000654D000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://contoso.com/">http://https://contoso.com/</a>   | powershell.exe, 00000003.0000002.386788256.00000000058A3000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://nuget.org/nuget.exe">http://https://nuget.org/nuget.exe</a>   | powershell.exe, 00000003.0000002.386788256.00000000058A3000.00000004.00000001.sdmp   | false     |  | high       |
| <a href="http://https://freegeoip.app/xml/LoadTimeZoneCountryNameCountryCodehttps://www.geodatatool.com/en/?ip=/">http://https://freegeoip.app/xml/LoadTimeZoneCountryNameCountryCodehttps://www.geodatatool.com/en/?ip=/</a>                 | Matiexgoods.exe, 00000008.0000002.699162061.00000000034E100.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://whatismyipaddress.com/-">http://whatismyipaddress.com/-</a>   | PO_Invoices_pdf.exe, 00000000.00000002.277417941.00000000040A8000.00000004.00000001.sdmp, RegAsm.exe, 00000005.00000003.281965972.0000000003BE0000.00004.00000001.sdmp, hawkgoods.exe, 00000006.00000002.383895800.0000000002F2000.00000002.00020000.sdmp              | false     |  | high       |
| <a href="http://www.galapagosdesign.com/DPlease">http://www.galapagosdesign.com/DPlease</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://api.telegram.org/bot/sendMessage?chat_id=&amp;text=Createutf-8Win32_ComputerSystemModelManufactu">http://https://api.telegram.org/bot/sendMessage?chat_id=&amp;text=Createutf-8Win32_ComputerSystemModelManufactu</a> | Matiexgoods.exe, 00000008.0000002.699162061.00000000034E100.00000004.00000001.sdmp   | false     |  | high       |
| <a href="http://https://api.ipify.org%GETMozilla/5.0">http://https://api.ipify.org%GETMozilla/5.0</a>   | origigoods40.exe, 00000007.0000002.455680542.0000000002FE100.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | low        |
| <a href="http://https://login.yahoo.com/config/login">http://https://login.yahoo.com/config/login</a>   | hawkgoods.exe  | false     |  | high       |
| <a href="http://www.fonts.com">http://www.fonts.com</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp   | false     |  | high       |
| <a href="http://www.sandoll.co.kr">http://www.sandoll.co.kr</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.site.com/logs.php">http://www.site.com/logs.php</a>   | hawkgoods.exe, 00000006.0000002.387343775.0000000002A21000.00000004.00000001.sdmp  | false     |  | high       |

| Name  | Source  | Malicious | Antivirus Detection  | Reputation |
|---|---|-----------|--|------------|
| <a href="http://www.urwpp.de">http://www.urwpp.de</a> DPlease   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp                | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.nirsoft.net/">http://www.nirsoft.net/</a>   | hawkgoods.exe, 00000006.00000002.390146582.0000000003A21000.00000004.00000001.sdmp  | false     |  | high       |
| <a href="http://www.zhongyicts.com.cn">http://www.zhongyicts.com.cn</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp                | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name">http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name</a>   | powershell.exe, 00000003.00000002.381287871.0000000004841000.00000004.00000001.sdmp, Matie xgoods.exe, 00000008.00000002.699162061.00000000034E1000.00000004.00000001.sdmp                  | false     |  | high       |
| <a href="http://www.carterandcone.como.">http://www.carterandcone.como.</a>   | PO_Invoices_pdf.exe, 00000000.00000003.250141662.0000000006515000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.sakkal.com">http://www.sakkal.com</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp                | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip</a> | PO_Invoices_pdf.exe, 00000000.00000002.277417941.00000000040A8000.00000004.00000001.sdmp, RegAsm.exe, 00000005.00000003.273863512.0000000003E4D000.00000004.00000001.sdmp, origigoods40.exe | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.founder.com.cn/cniac">http://www.founder.com.cn/cniac</a>   | PO_Invoices_pdf.exe, 00000000.00000003.249338917.0000000006516000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://https://freegeoip.app/xml/">http://https://freegeoip.app/xml/</a>   | Matiexgoods.exe, 00000008.00000002.699162061.00000000034E1000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://crt.sectigo.com/SectigoRSADomainValidationSecureServerCA.crt0#">http://crt.sectigo.com/SectigoRSADomainValidationSecureServerCA.crt0#</a>   | Matiexgoods.exe, 00000008.00000003.461245193.00000000068F600.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://nuget.org/NuGet.exe">http://nuget.org/NuGet.exe</a>   | powershell.exe, 00000003.00000002.386788256.00000000058A3000.00000004.00000001.sdmp   | false     |  | high       |
| <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp                | false     |  | high       |
| <a href="http://www.fontbureau.com">http://www.fontbureau.com</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.00000002.391685560.00000000051E0000.00000002.00000001.sdmp                | false     |  | high       |
| <a href="http://DynDns.comDynDNS">http://DynDns.comDynDNS</a>   | origigoods40.exe, 00000007.0000002.455680542.0000000002FE100.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.goodfont.co.kr9">http://www.goodfont.co.kr9</a>   | PO_Invoices_pdf.exe, 00000000.00000003.249068129.0000000006515000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.fontbureau.comF">http://www.fontbureau.comF</a>   | PO_Invoices_pdf.exe, 00000000.00000003.254406255.0000000006512000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://sectigo.com/CPS0">http://https://sectigo.com/CPS0</a>   | Matiexgoods.exe, 00000008.00000003.461245193.00000000068F600.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://pesterbdd.com/images/Pester.png">http://pesterbdd.com/images/Pester.png</a>   | powershell.exe, 00000003.00000002.382114009.0000000004983000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.carterandcone.como.R">http://www.carterandcone.como.R</a>   | PO_Invoices_pdf.exe, 00000000.00000003.250141662.0000000006515000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |

| Name  | Source  | Malicious | Antivirus Detection  | Reputation |
|---|---|-----------|--|------------|
| <a href="http://ns.adobe.cobj">http://ns.adobe.cobj</a>   | Matiexgoods.exe, 00000008.0000003.443342117.000000009311000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%ha">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%ha</a> | origigoods40.exe, 00000007.00002.455680542.0000000002FE100.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>   | powershell.exe, 00000003.0000002.382114009.000000004983000.00000004.00000001.sdmp   | false     |  | high       |
| <a href="http://www.sakkal.com-mq">http://www.sakkal.com-mq</a>   | PO_Invoices_pdf.exe, 00000000.00000003.251741662.000000000654D000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://https://contoso.com/icon">http://https://contoso.com/icon</a>   | powershell.exe, 00000003.0000002.386788256.0000000058A3000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.fontbureau.comY">http://www.fontbureau.comY</a>   | PO_Invoices_pdf.exe, 00000000.00000003.272424177.0000000006510000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://whatismyipaddress.com">http://whatismyipaddress.com</a>   | hawkgoods.exe, 00000006.00000002.387343775.0000000002A21000.00000004.00000001.sdmp  | false     |  | high       |
| <a href="http://www.fontbureau.comd">http://www.fontbureau.comd</a>   | PO_Invoices_pdf.exe, 00000000.00000003.254406255.0000000006512000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://github.com/Pester/Pester">http://https://github.com/Pester/Pester</a>   | powershell.exe, 00000003.0000002.382114009.000000004983000.00000004.00000001.sdmp   | false     |  | high       |
| <a href="http://www.goodfont.co.krF">http://www.goodfont.co.krF</a>   | PO_Invoices_pdf.exe, 00000000.00000003.249068129.0000000006515000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.carterandcone.comI">http://www.carterandcone.comI</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.000000006600000.000000002.00000001.sdmp, hawkgoods.exe, 00000006.0000002.391685560.0000000051E0000.00000002.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.typography.net-d">http://www.typography.net-d</a>   | PO_Invoices_pdf.exe, 00000000.00000003.247998925.000000000654D000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.fontbureau.com/designers/cabarga.htmlN">http://www.fontbureau.com/designers/cabarga.htmlN</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.000000006600000.000000002.00000001.sdmp, hawkgoods.exe, 00000006.0000002.391685560.0000000051E0000.00000002.00000001.sdmp  | false     |  | high       |
| <a href="http://www.fontbureau.coma3">http://www.fontbureau.coma3</a>   | PO_Invoices_pdf.exe, 00000000.00000003.254406255.0000000006512000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.fontbureau.comdV">http://www.fontbureau.comdV</a>   | PO_Invoices_pdf.exe, 00000000.00000003.254406255.0000000006512000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.fontbureau.comceto">http://www.fontbureau.comceto</a>   | PO_Invoices_pdf.exe, 00000000.00000003.272424177.0000000006510000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.founder.com.cn/cn">http://www.founder.com.cn/cn</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.000000006600000.00000002.00000001.sdmp, hawkgoods.exe, 00000006.0000002.391685560.0000000051E0000.00000002.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.fontbureau.com/designers/frere-jones.html">http://www.fontbureau.com/designers/frere-jones.html</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.000000006600000.00000002.00000001.sdmp, PO_Invoices_pdf.exe, 00000000.00000003.254406255.0000000006512000.00000004.00000001.sdmp, hawkgoods.exe, 00000006.0000002.391685560.0000000051E0000.00000002.00000001.sdmp | false     |  | high       |
| <a href="http://checkip.dyndns.org/HBFI">http://checkip.dyndns.org/HBFI</a>   | Matiexgoods.exe, 00000008.0000002.699162061.0000000034E100.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://pesterbdd.com/images/Pester.pngL">http://pesterbdd.com/images/Pester.pngL</a>   | powershell.exe, 00000003.0000002.382114009.000000004983000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.typography.netx">http://www.typography.netx</a>   | PO_Invoices_pdf.exe, 00000000.00000003.248176476.000000000654D000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.fontbureau.comm">http://www.fontbureau.comm</a>   | PO_Invoices_pdf.exe, 00000000.00000003.272424177.0000000006510000.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |

| Name  | Source   | Malicious | Antivirus Detection  | Reputation |
|---|--|-----------|--|------------|
| <a href="http://www.jiyu-kobo.co.jp/">http://www.jiyu-kobo.co.jp/</a>   | PO_Invoices_pdf.exe, 00000000.00000003.250877364.0000000006512000.00000004.00000001.sdmp, hawkgoods.exe, 00000006.0000002.391685560.00000000051E0000.00000002.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.jiyu-kobo.co.jp/l">http://www.jiyu-kobo.co.jp/l</a>   | PO_Invoices_pdf.exe, 00000000.00000003.250877364.0000000006512000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.fontbureau.com/designers8">http://www.fontbureau.com/designers8</a>   | PO_Invoices_pdf.exe, 00000000.00000002.300417704.0000000006600000.000000002.00000001.sdmp, hawkgoods.exe, 00000006.0000002.391685560.00000000051E0000.00000002.00000001.sdmp | false     |  | high       |
| <a href="http://www.apache.org/licenses/LICENSE-2.0.htmlL">http://www.apache.org/licenses/LICENSE-2.0.htmlL</a>   | powershell.exe, 00000003.00000002.382114009.0000000004983000.00000004.00000001.sdmp  | false     |  | high       |
| <a href="http://www.fontbureau.comdsed">http://www.fontbureau.comdsed</a>   | PO_Invoices_pdf.exe, 00000000.00000003.254406255.0000000006512000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://www.sandoll.co.krn-u">http://www.sandoll.co.krn-u</a>   | PO_Invoices_pdf.exe, 00000000.00000003.249068129.0000000006515000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://fontfabrik.com(">http://fontfabrik.com(</a>   | PO_Invoices_pdf.exe, 00000000.00000003.247874552.000000000654D000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | low        |
| <a href="http://www.typography.netn">http://www.typography.netn</a>   | PO_Invoices_pdf.exe, 00000000.00000003.248099180.000000000654D000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://https://i.imgur.com/GJD7Q5y.png195.239.51.11795.26.248.2989.208.29.13389.187.165.4792.118.13.1895.26">http://https://i.imgur.com/GJD7Q5y.png195.239.51.11795.26.248.2989.208.29.13389.187.165.4792.118.13.1895.26</a> | Matiexgoods.exe, 00000008.00000002.699162061.00000000034E100.00000004.00000001.sdmp  | false     |  | high       |
| <a href="http://www.tiro.com-cz">http://www.tiro.com-cz</a>   | PO_Invoices_pdf.exe, 00000000.00000003.249778536.0000000006512000.00000004.00000001.sdmp   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>  | unknown    |
| <a href="http://ns.ado/1">http://ns.ado/1</a>   | Matiexgoods.exe, 00000008.00000003.443342117.000000000931100.00000004.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |

## Contacted IPs



## Public

| IP             | Domain  | Country       | Flag | ASN   | ASN Name        | Malicious |
|----------------|---------|---------------|------|-------|-----------------|-----------|
| 131.186.113.70 | unknown | United States | 🇺🇸   | 33517 | DYNDNSUS        | false     |
| 104.16.155.36  | unknown | United States | 🇺🇸   | 13335 | CLOUDFLARENETUS | false     |
| 104.21.19.200  | unknown | United States | 🇺🇸   | 13335 | CLOUDFLARENETUS | false     |
| 199.193.7.228  | unknown | United States | 🇺🇸   | 22612 | NAMECHEAP-NETUS | false     |
| 216.146.43.70  | unknown | United States | 🇺🇸   | 33517 | DYNDNSUS        | false     |

## Private

| IP          |
|-------------|
| 192.168.2.1 |

## General Information

|  |  |
|--|--|
| Joe Sandbox Version:                               | 31.0.0 Emerald   |
| Analysis ID:                                       | 347154   |
| Start date:  | 02.02.2021   |
| Start time:  | 08:50:38   |
| Joe Sandbox Product:                               | CloudBasic   |
| Overall analysis duration:                         | 0h 18m 40s   |
| Hypervisor based Inspection enabled:               | false  |
| Report type:                                       | light  |
| Sample file name:                                  | PO_Invoices_pdf.exe  |
| Cookbook file name:                                | default.jbs  |
| Analysis system description:                       | Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211  |
| Number of analysed new started processes analysed: | 40   |
| Number of new started drivers analysed:            | 0  |
| Number of existing processes analysed:             | 0  |
| Number of existing drivers analysed:               | 0  |
| Number of injected processes analysed:             | 0  |
| Technologies:                                      | <ul style="list-style-type: none"> <li>• HCA enabled</li> <li>• EGA enabled</li> <li>• HDC enabled</li> <li>• AMSI enabled</li> </ul>  |
| Analysis Mode:                                     | default  |
| Analysis stop reason:                              | Timeout  |
| Detection:   | MAL  |
| Classification:                                    | mal100.phis.troj.adwa.spyw.evad.winEXE@46/40@68/6  |
| EGA Information:                                   | Failed   |
| HDC Information:                                   | <ul style="list-style-type: none"> <li>• Successful, ratio: 0.2% (good quality ratio 0.1%)</li> <li>• Quality average: 33.8%</li> <li>• Quality standard deviation: 33.4%</li> </ul> |
| HCA Information:                                   | <ul style="list-style-type: none"> <li>• Successful, ratio: 97%</li> <li>• Number of executed functions: 0</li> <li>• Number of non-executed functions: 0</li> </ul>                 |
| Cookbook Comments:                                 | <ul style="list-style-type: none"> <li>• Adjust boot time</li> <li>• Enable AMSI</li> <li>• Found application associated with file extension: .exe</li> </ul>                        |

Warnings:

Show All

- Exclude process from analysis (whitelisted): MpCmdRun.exe, audiogd.exe, WerFault.exe, WMIADAP.exe, backgroundTaskHost.exe, SgrmBroker.exe, conhost.exe, svchost.exe
- TCP Packets have been reduced to 100
- Excluded IPs from analysis (whitelisted): 13.64.90.137, 40.88.32.150, 168.61.161.212, 92.122.144.200, 2.20.142.210, 2.20.142.209, 51.103.5.186, 104.42.151.234
- Excluded domains from analysis (whitelisted): au.download.windowsupdate.com.edgesuite.net, skypedataprddcolwus17.cloudapp.net, client.wns.windows.com, fs.microsoft.com, skypedataprddcolcus17.cloudapp.net, e1723.g.akamaiedge.net, ctld.windowsupdate.com, a767.dscg3.akamai.net, fs-wildcard.microsoft.com.edgekey.net, fs-wildcard.microsoft.com.edgekey.net.globalredir.aka dns.net, wns.notify.windows.com.akadns.net, skypedataprddcoleus15.cloudapp.net, emea1.wns.notify.trafficmanager.net, blobcollector.events.data.trafficmanager.net, audownload.windowsupdate.nsatic.net, watson.telemetry.microsoft.com, prod.fs.microsoft.com.akadns.net, au-bg-shim.trafficmanager.net, skypedataprddcolwus16.cloudapp.net, vip2-par02p.wns.notify.trafficmanager.net
- Report creation exceeded maximum time and may have missing disassembly code information.
- Report size exceeded maximum capacity and may have missing behavior information.
- Report size getting too big, too many NtAllocateVirtualMemory calls found.
- Report size getting too big, too many NtDeviceIoControlFile 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 NtQueryAttributesFile calls found.
- Report size getting too big, too many NtQueryValueKey calls found.
- Report size getting too big, too many NtSetInformationFile calls found.
- VT rate limit hit for: /opt/package/joesandbox/database/analysis/347154/sample/PO\_Invoices\_pdf.exe

## Simulations

### Behavior and APIs

| Time     | Type            | Description   |
|----------|-----------------|---|
| 08:51:54 | API Interceptor | 48x Sleep call for process: hawkgoods.exe modified  |
| 08:52:00 | API Interceptor | 2x Sleep call for process: dw20.exe modified  |
| 08:52:01 | API Interceptor | 623x Sleep call for process: origigoods20.exe modified  |
| 08:52:05 | API Interceptor | 940x Sleep call for process: origigoods40.exe modified  |
| 08:52:20 | API Interceptor | 1074x Sleep call for process: Matiexgoods.exe modified  |
| 08:52:23 | API Interceptor | 55x Sleep call for process: powershell.exe modified   |
| 08:52:33 | API Interceptor | 2x Sleep call for process: WerFault.exe modified  |
| 08:52:34 | Autostart       | Run: C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\$#IT3ssl.exe |

### Joe Sandbox View / Context

#### IPs

| Match          | Associated Sample Name / URL | SHA 256                  | Detection | Link                   | Context  |
|----------------|------------------------------|--------------------------|-----------|------------------------|--|
| 131.186.113.70 | SALES.exe                    | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>checkip.d yndns.org/</li></ul> |

| Match | Associated Sample Name / URL | SHA 256  | Detection | Link   | Context                |
|-------|------------------------------|----------|-----------|--------|------------------------|
|       | Statement.pdf.exe            | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | Purchase Order.exe           | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | orden010221.exe              | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | IMG_1660392.doc              | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | my new file ify (1).exe      | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | IMG_166390pdf.exe            | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | IMG-6661.doc                 | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | IMG_761213.doc               | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | Sale_Contract.com.exe        | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | IMG_04017.pdf.exe            | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | INV_098789.exe               | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | 2021 NEW LIST.exe            | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | CHIKWA.exe                   | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | weg6tX6TTk78XZ5.exe          | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | IMG_0661.doc                 | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | INV0009876.exe               | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | 000000000009000000.exe       | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | IMG_53091.pdf.exe            | Get hash | malicious | Browse | • checkip.d yndns.org/ |
|       | Copy_Payment.exe             | Get hash | malicious | Browse | • checkip.d yndns.org/ |

## Domains

| Match                 | Associated Sample Name / URL  | SHA 256  | Detection | Link   | Context          |
|-----------------------|---|----------|-----------|--------|------------------|
| freegeoip.app         | SALES.exe   | Get hash | malicious | Browse | • 104.21.19.200  |
|                       | Revised Invoice.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | RFQ - 0201201.exe   | Get hash | malicious | Browse | • 104.21.19.200  |
|                       | Statement.pdf.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | Purchase Order.exe  | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | New Order.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | CMR2OEYL.exe  | Get hash | malicious | Browse | • 104.21.19.200  |
|                       | full set of ball valve components ready for assembly. Assembly weldingtestingpainting.exe | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | NEW ORDER.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | ProcessingIConnect.Common..TermsConditions.z.pdf.exe                                      | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | PO 642021.exe   | Get hash | malicious | Browse | • 104.21.19.200  |
|                       | 0000000000000000090.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | New Order.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | IMG_1660392.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | IMG_1660392.doc   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | NS_PO_86655443.exe  | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | INV#1191189.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | NEW PURCHASE#U00c3#U00bf #U00c3#U00bfORDER.exe  | Get hash | malicious | Browse | • 104.21.19.200  |
|                       | 0009752202_OUTSTANDING_20210129.PDF.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                       | CITI SOLUTION COMPANY PROFILE.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
| whatismyipaddress.com | Orders.exe  | Get hash | malicious | Browse | • 104.16.155.36  |
|                       | nzGUqSK11D.exe  | Get hash | malicious | Browse | • 104.16.154.36  |
|                       | PO 2010029_pdf Quotation from Alibaba Ale.exe   | Get hash | malicious | Browse | • 104.16.155.36  |
|                       | PO 2010029_pdf Quotation from Alibaba Ale.exe   | Get hash | malicious | Browse | • 104.16.155.36  |
|                       | hkAP5RPCGNDVq3Z.exe   | Get hash | malicious | Browse | • 104.16.155.36  |

| Match | Associated Sample Name / URL  | SHA 256  | Detection | Link   | Context          |
|-------|---|----------|-----------|--------|------------------|
|       | B6LNCKjOGt5EmFQ.exe   | Get hash | malicious | Browse | • 104.16.154.36  |
|       | NDt93WWQwd089H7.exe   | Get hash | malicious | Browse | • 104.16.155.36  |
|       | JkhR5oeRHA.exe  | Get hash | malicious | Browse | • 66.171.248.178 |
|       | PURCHASE ORDER.exe  | Get hash | malicious | Browse | • 104.16.155.36  |
|       | BANK-STATMENT _xlsx.exe   | Get hash | malicious | Browse | • 104.16.154.36  |
|       | INQUIRY.exe   | Get hash | malicious | Browse | • 104.16.154.36  |
|       | Prueba de pago.exe  | Get hash | malicious | Browse | • 104.16.155.36  |
|       | 879mgDuqEE.jar  | Get hash | malicious | Browse | • 66.171.248.178 |
|       | remittance1111.jar  | Get hash | malicious | Browse | • 66.171.248.178 |
|       | 879mgDuqEE.jar  | Get hash | malicious | Browse | • 66.171.248.178 |
|       | remittance1111.jar  | Get hash | malicious | Browse | • 66.171.248.178 |
|       | <a href="http://https://my-alliances.co.uk/">http://https://my-alliances.co.uk/</a> | Get hash | malicious | Browse | • 66.171.248.178 |
|       | c9o0CtTIYT.exe  | Get hash | malicious | Browse | • 104.16.154.36  |
|       | mR3CdUkyLL.exe  | Get hash | malicious | Browse | • 104.16.155.36  |
|       | 6JLHKYvboo.exe  | Get hash | malicious | Browse | • 104.16.155.36  |

## ASN

| Match           | Associated Sample Name / URL  | SHA 256  | Detection | Link   | Context          |
|-----------------|---|----------|-----------|--------|------------------|
| DYNDNSUS        | Payment Advice.exe  | Get hash | malicious | Browse | • 131.186.113.70 |
|                 | SALES.exe   | Get hash | malicious | Browse | • 131.186.113.70 |
|                 | Revised Invoice.exe   | Get hash | malicious | Browse | • 216.146.43.70  |
|                 | RFQ - 0201201.exe   | Get hash | malicious | Browse | • 162.88.193.70  |
|                 | Statement.pdf.exe   | Get hash | malicious | Browse | • 131.186.113.70 |
|                 | Purchase Order.exe  | Get hash | malicious | Browse | • 131.186.113.70 |
|                 | New Order.exe   | Get hash | malicious | Browse | • 162.88.193.70  |
|                 | orden010221.exe   | Get hash | malicious | Browse | • 131.186.113.70 |
|                 | CMR2OEYL.exe  | Get hash | malicious | Browse | • 216.146.43.71  |
|                 | full set of ball valve components ready for assembly. Assembly weldingtestingpainting.exe | Get hash | malicious | Browse | • 131.186.161.70 |
|                 | NEW ORDER.exe   | Get hash | malicious | Browse | • 216.146.43.70  |
|                 | ProcessinglConnect.Common..TermsConditions.z.pdf.exe                                      | Get hash | malicious | Browse | • 216.146.43.71  |
|                 | PO 642021.exe   | Get hash | malicious | Browse | • 162.88.193.70  |
|                 | 0000000000000000000000090.exe   | Get hash | malicious | Browse | • 216.146.43.71  |
|                 | New Order.exe   | Get hash | malicious | Browse | • 216.146.43.71  |
|                 | IMG_1660392.exe   | Get hash | malicious | Browse | • 216.146.43.70  |
|                 | IMG_1660392.doc   | Get hash | malicious | Browse | • 216.146.43.70  |
|                 | NS_PO_86655443.exe  | Get hash | malicious | Browse | • 131.186.161.70 |
|                 | INV#1191189.exe   | Get hash | malicious | Browse | • 216.146.43.71  |
|                 | NEW PURCHASE#U00c3#U00bf #U00c3#U00bfORDER.exe  | Get hash | malicious | Browse | • 162.88.193.70  |
| CLOUDFLARENETUS | Payment Advice.exe  | Get hash | malicious | Browse | • 172.67.188.154 |
|                 | SALES.exe   | Get hash | malicious | Browse | • 104.21.19.200  |
|                 | Revised Invoice.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                 | RFQ - 0201201.exe   | Get hash | malicious | Browse | • 104.21.19.200  |
|                 | Statement.pdf.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                 | Purchase Order.exe  | Get hash | malicious | Browse | • 172.67.188.154 |
|                 | New Order.exe   | Get hash | malicious | Browse | • 172.67.188.154 |
|                 | NEW ENQUIRY.xlsx  | Get hash | malicious | Browse | • 104.22.0.232   |
|                 | SOA - NCL INTER LOGISTICS.xlsx  | Get hash | malicious | Browse | • 104.22.1.232   |
|                 | CSWWOe1Gnx.html   | Get hash | malicious | Browse | • 104.16.19.94   |
|                 | PO_210202.exe   | Get hash | malicious | Browse | • 23.227.38.32   |
|                 | Invoice764895.xls   | Get hash | malicious | Browse | • 172.67.193.211 |
|                 | Invoice764895.xls   | Get hash | malicious | Browse | • 104.21.76.113  |
|                 | po.exe.exe  | Get hash | malicious | Browse | • 23.227.38.74   |
|                 | CMR2OEYL.exe  | Get hash | malicious | Browse | • 104.21.19.200  |
|                 | 129ZD381.xls  | Get hash | malicious | Browse | • 172.67.204.162 |
|                 | 129ZD381.xls  | Get hash | malicious | Browse | • 172.67.204.162 |
|                 | q2EKWldniJ.exe  | Get hash | malicious | Browse | • 104.16.16.194  |
|                 | evil.doc  | Get hash | malicious | Browse | • 104.16.126.175 |
|                 | full set of ball valve components ready for assembly. Assembly weldingtestingpainting.exe | Get hash | malicious | Browse | • 172.67.188.154 |

## JA3 Fingerprints

| Match                            | Associated Sample Name / URL  | SHA 256  | Detection | Link   | Context         |
|----------------------------------|---|----------|-----------|--------|-----------------|
| 54328bd36c14bd82ddaa0c04b25ed9ad | Payment Advice.exe  | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | SALES.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | Revised Invoice.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | RFQ - 0201201.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | Statement.pdf.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | Purchase Order.exe  | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | New Order.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | CMR2OEYL.exe  | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | full set of ball valve components ready for assembly. Assembly weldingtestingpainting.exe | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | NEW ORDER.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | OOLU2115327710.xls.exe  | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | Processing!Connect.Common..TermsConditions.z.pdf.exe                                      | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | SOPORTEDE.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | POinv00393.exe  | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | PO 642021.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | 00000000000000000000000000000090.exe  | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | New Order.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | IMG_1660392.exe   | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | mEPx5H8svq.exe  | Get hash | malicious | Browse | • 104.21.19.200 |
|                                  | NS_PO_86655443.exe  | Get hash | malicious | Browse | • 104.21.19.200 |

## Dropped Files

| Match   | Associated Sample Name / URL | SHA 256                  | Detection | Link                   | Context |
|---|------------------------------|--------------------------|-----------|------------------------|---------|
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe    | Orders.exe                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
| C:\Users\user\AppData\Local\Temp\origigoods20.exe | Orders.exe                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
| C:\Users\user\AppData\Local\Temp\Matixegoods.exe  | Orders.exe                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
| C:\Users\user\AppData\Local\Temp\origigoods40.exe | Orders.exe                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |

## Created / dropped Files

| C:\ProgramData\Microsoft\Windows\WER\ReportArchive\AppCrash_hawkgoods.exe_697020edb13ed8bc761f5d6b0de413ddfcfb_b4666e22_12f099c3\\Report.wer |  |
|--|--|
| Process:   | C:\Windows\SysWOW64\WerFault.exe   |
| File Type:   | Little-endian UTF-16 Unicode text, with CRLF line terminators  |
| Category:  | dropped  |
| Size (bytes):  | 17818  |
| Entropy (8bit):  | 3.766553825659537  |
| Encrypted:   | false  |
| SSDeep:  | 192:UwHLS3pHBUZMXJyBaPLk9Mg5N3gFm1pzvnu1+K1QtKVzss/u7sVS274ltmxeon:rLs3ZBUZMXiayRv1jz3/u7sVX4ltOd  |
| MD5:   | 1B14E26F15C08169BD1E448474C1F7AB   |
| SHA1:  | 3FF1E3F413BDD11D5784E94EFCDFE0609CD50B1A   |
| SHA-256:   | B680E94518074E808301D5E76EA73ACACCFF2FEC67401CCD13B2C039780F6F65   |
| SHA-512:   | 682801D9682FDF42DBB98535EAA07596432BCDA55855477CFD0D2FA04C0FAB2A1F4B5E4E208CB87EB417772EF0848BDEE0ECEC71FA1281CE3737419AFB9A4C23   |
| Malicious:   | true   |
| Preview:   | ..V.e.r.s.i.o.n.=.1.....E.v.e.n.t.T.y.p.e.=.A.P.P.C.R.A.S.H.....E.v.e.n.t.T.i.m.e.=.1.3.2.5.6.7.5.8.4.0.9.0.7.4.3.2.0.4.....R.e.p.o.r.t.T.y.p.e.=.2.....C.o.n.s.e.n.t.=.1.....U.p.l.o.a.d.T.i.m.e.=.1.3.2.5.6.7.5.8.4.5.3.1.2.9.5.8.2.1.....R.e.p.o.r.t.S.t.a.t.u.s.=.2.6.8.4.3.5.4.5.6.....R.e.p.o.r.t.l.d.e.n.t.i.f.i.e.r.=.2.a.5.b.c.c.8.c.-.2.5.b.4.-.4.a.6.4.-.9.5.6.8.-.8.c.8.e.1.2.a.2.0.a.4.....l.n.t.e.g.r.a.t.o.r.R.e.p.o.r.t.l.d.e.n.t.i.f.i.e.r.=.e.c.e.5.f.a.8.c.-.a.a.3.8.-.4.7.5.6.-.9.b.3.b.-.5.d.5.d.6.a.8.3.8.0.6.2.....W.o.w.6.4.H.o.s.t.=.3.4.4.0.4.....W.o.w.6.4.G.u.e.s.t.=.3.3.2.....N.s.A.p.p.N.a.m.e.=.h.a.w.k.g.o.o.d.s...e.x.e.....O.r.i.g.i.n.a.l.F.i.l.e.n.a.m.e.=.P.h.u.l.l.i...e.x.e.....A.p.p.S.e.s.s.i.o.n.G.u.i.d.=.0.0.0.0.1.5.4.0.-.0.0.0.1.-.0.0.1.7.-.3.7.9.8.-.7.7.d.a.8.3.f.9.d.6.0.1.....T.a.r.g.e.t.A.p.p.l.d.=.W.:..0.0.0.6.7.6.c.c.9.4.0.d.7.a.0.d.3.0.a.e.2.8.3.f.a.7.7.b.e.8.f.e.6.4.d.3.0.0.0.0.0.0.0.0!..0.0.0.0.d.6.e.4.a.3.c.a.2.5.3.b.f.c.3.7.2.a.9.a.3.1.8.0.b.5.8.8.7.c.7.1.6.e.d |

|   |   |
|---|---|
| C:\ProgramData\Microsoft\Windows\WER\ReportArchive\AppCrash_hawkgoods.exe_697020edb13ed8bc761f5d6b0de413dddfcbfb_b4666e22_1b230661\Report.wer |  |
| Process:  | C:\Windows\SysWOW64\WerFault.exe  |
| File Type:  | Little-endian UTF-16 Unicode text, with CRLF line terminators                         |
| Category:   | dropped   |
| Size (bytes):   | 17916   |

| C:\ProgramData\Microsoft\Windows\WER\ReportArchive\AppCrash_hawkgoods.exe_93f07d9c4f92cda17563b29cabdf995c588ef9_00000000_1a4a83a4\Report.wer |  |
|---|--|
| Process:  | C:\Windows\Microsoft.NET\Framework\v2.0.50727\dw20.exe   |
| File Type:  | Little-endian UTF-16 Unicode text, with CRLF line terminators  |
| Category:   | dropped  |
| Size (bytes):   | 16958  |
| Entropy (8bit):   | 3.758176808526625  |
| Encrypted:  | false  |
| SSDeep:   | 192:sK11QmV4yBaKsn9fbeN9M2v1zzvSXk0ZKjBlcQry/u7sTS274ltip:111QSaEdvh/sy/u7sTX4ltg  |
| MD5:  | E69F7F2D40A3282E3A5C4D25F316EEFD   |
| SHA1:   | FF12BFC6A914E52FD5A233C18C99BF7E128DFC10   |
| SHA-256:  | 2D0F631D768C4D0B5FA1211D11CAE7F657DB56553606E18FCF4E5CE04878607A   |
| SHA-512:  | 1C0F891A498A9D74A59A09285423C3173248E2A715F6C43D8499EA9EEA1556CB536A9D8118E81AEECA94936C0AC78F29B6422ADF28D008C80085299D299EFBA0   |
| Malicious:  | true   |
| Preview:  | ..V.e.r.s.i.o.n.=.1.....E.v.e.n.t.T.y.p.e.=.C.L.R.2.0.r.3.....E.v.e.n.t.T.i.m.e.=.1.3.2.5.6.7.5.8.3.1.6.0.9.0.1.7.9.3.....R.e.p.o.r.t.T.y.p.e.=.2.....C.o.n.s.e.n.t.=.1.....U.p.l.o.a.d.T.i.m.e.=.1.3.2.5.6.7.5.8.3.1.8.7.3.0.7.9.8.5.....R.e.p.o.r.t.S.t.a.t.u.s.=.2.6.8.4.3.5.4.5.6.....R.e.p.o.r.t.l.d.e.n.t.i.f.i.e.r.=.f.4.9.1.a.8.b.5.-.7.b.7.d.-.4.6.4.e.-.8.7.5.0.-.7.c.9.c.1.4.1.a.8.6.c.9.....W.o.w.6.4.H.o.s.t.=.3.4.4.0.4.....W.o.w.6.4.G.u.e.s.t.=.3.3.2.....O.r.i.g.i.n.a.l.F.i.l.e.n.a.m.e.=.P.h.u.l.i..e.x.e.....A.p.p.S.e.s.s.i.o.n.G.u.i.d.=.0.0.0.0.0.e.8.c.-.0.0.0.1.-.0.0.1.7.-.6.9.7.2.-.c.b.1.8.3.f.9.d.6.0.1.....T.a.r.g.e.t.A.p.p.l.d.=.W:.0.0.0.6.7.6.c.c.9.4.0.d.7.a.0.d.3.0.a.e.2.8.3.f.a.7.7.b.e.8.f.e.6.4.d.3.0.0.0.0.0.0.0.0!..0.0.0.0.6.4.e.4.a.3.c.a.2.5.b.f.c.3.7.2.a.9.a.3.1.8.0.b.5.8.8.7.c.7.1.6.e.d.2.8.5.c.6!.h.a.w.k.g.o.o.d.s...e.x.e.....T.a.r.g.e.t.A.p.p.V.e.r.=.2.0.2.1//.0.1//.1.9.:1.0.:0.8...3.8!..0!.h.a.w.k.g.o.o.d.s...e.x.e.....B.o.o.t.l.d.=.4.2.9.4.9.6.7.2.9.5... |

| C:\ProgramData\Microsoft\Windows\WER\Temp\WER2F33.tmp.WERInternalMetadata.xml |   |
|---|---|
| Process:  | C:\Windows\SysWOW64\WerFault.exe  |
| File Type:  | XML 1.0 document, Little-endian UTF-16 Unicode text, with CRLF line terminators |
| Category:   | dropped   |
| Size (bytes):   | 6346  |
| Entropy (8bit):   | 3.727723917153232   |
| Encrypted:  | false   |
| SSDEEP:   | 192:Rrl7r3GLNiJn66RY0SwZCpra89bvccsfRlm:RrlsNiJ6EY0SwCvvfK                      |

| C:\ProgramData\Microsoft\Windows\WER\Temp\WER2F33.tmp.WERInternalMetadata.xml |   |
|---|---|
| MD5:  | D9A75C2F37E77481D156E098A916F868  |
| SHA1:   | 586C14F42B7EFA8A883FAA53B416F0C491B218B7  |
| SHA-256:  | AAA58719C37F44B8FD215C19F46455439079D3B8AFB77BCD1212947B45474CC6  |
| SHA-512:  | F4E44BB08682D51682622FD695C6F2DBBA11DFCE95702B5857F46BDE655B9F5C5FBD88148602A7167B334CA8E10917671F530FF9BC6123EEB3EBBC40E6BB041   |
| Malicious:  | false   |
| Preview:  | ..<?x.m.l. .v.e.r.s.i.o.n.=."1...0". .e.n.c.o.d.i.n.g.=."U.T.F.-1.6."?.>.....<W.E.R.R.e.p.o.r.t.M.e.t.a.d.a.t.a.>.....<O.S.V.e.r.s.i.o.n.l.n.f.o.r.m.a.t.i.o.n.>.....<W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>1.0...0.</W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>.....<B.u.i.l.d>1.7.1.3.4.</B.u.i.l.d>.....<P.r.o.d.u.c.t>.(0.x.3.0.).. .W.i.n.d.o.w.s .1.0 .P.r.o.</P.r.o.d.u.c.t>.....<E.d.i.t.i.o.n>.<P.r.o.f.e.s.s.i.o.n.a.l.</E.d.i.t.i.o.n>.....<B.u.i.l.d.S.t.r.i.n.g>1.7.1.3.4...1...a.m.d.6.4.f.r.e.r.s.4_._r.e.l.e.a.s.e..1.8.0.4.1.0.-1.8.0.4.</B.u.i.l.d.S.t.r.i.n.g>.....<R.e.v.i.s.i.o.n>1.</R.e.v.i.s.i.o.n>.....<F.l.a.v.o.r>.<M.u.l.t.i.p.r.o.c.e.s.s.o.r .F.r.e.e.</F.l.a.v.o.r>.....<A.r.c.h.i.t.e.c.t.u.r.e>X.6.4.</A.r.c.h.i.t.e.c.t.u.r.e>.....<L.C.I.D>1.0.3.3.</L.C.I.D>.....<O.S.V.e.r.s.i.o.n.l.n.f.o.r.m.a.t.i.o.n.>.....<P.r.o.c.e.s.s.l.n.f.o.r.m.a.t.i.o.n.>.....<P.i.d>5.4.4.0.</P.i.d>..... |

| C:\ProgramData\Microsoft\Windows\WER\Temp\WER3BB7.tmp.xml |   |
|---|---|
| Process:  | C:\Windows\SysWOW64\WerFault.exe  |
| File Type:  | XML 1.0 document, ASCII text, with CRLF line terminators  |
| Category:   | dropped   |
| Size (bytes):   | 4658  |
| Entropy (8bit):   | 4.484087176387836   |
| Encrypted:  | false   |
| SSDEEP:   | 48:cwlwSD8zscJgtWI9HnWSC8BAb8fm8M4JUkZFI+q84UZ/URyHwd:uITfaoWSNBJJUoZcRyHwd   |
| MD5:  | 745EBD9EB867F5C20629FE5A76B20E2E  |
| SHA1:   | 01E88CAA25F3BBF0E69ECBE25A51CC8ED1975EA3  |
| SHA-256:  | 8983A0C40000ABE4FB9D2FAD11770B2177CF7960842134582B219551BF357DC6  |
| SHA-512:  | D65656378EB01D6F1F094C27EB95DE2F10774F68BC4AE266C40EA16975DF6021251A5CC7FE23039FEE53B1871338F4DBD78C24D70AE3F5F9CF1054D12924FC  |
| Malicious:  | false   |
| Preview:  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>..<req ver="2">.. <tlm>.. <src>.. <desc>.. <mach>.. <os>.. <arg nm="vermaj" val="10" />.. <arg nm="vermin" val="0" />.. <arg nm="verblid" val="17134" />.. <arg nm="vercsdbld" val="1" />.. <arg nm="verqfe" val="1" />.. <arg nm="csdbld" val="1" />.. <arg nm="versp" val="0" />.. <arg nm="arch" val="9" />.. <arg nm="lcid" val="1033" />.. <arg nm="geoid" val="244" />.. <arg nm="sku" val="48" />.. <arg nm="domain" val="0" />.. <arg nm="prodsuite" val="256" />.. <arg nm="ntprodtype" val="1" />.. <arg nm="platid" val="2" />.. <arg nm="tmsi" val="843964" />.. <arg nm="osinsty" val="1" />.. <arg nm="iever" val="11.1.17134.0-1 1.0.47" />.. <arg nm="portos" val="0" />.. <arg nm="ram" val="4096" />.. |

| C:\ProgramData\Microsoft\Windows\WER\Temp\WER72DC.tmp.WERInternalMetadata.xml |   |
|---|---|
| Process:  | C:\Windows\Microsoft.NET\Framework\v2.0.50727\dw20.exe  |
| File Type:  | XML 1.0 document, Little-endian UTF-16 Unicode text, with CRLF line terminators   |
| Category:   | dropped   |
| Size (bytes):   | 7646  |
| Entropy (8bit):   | 3.6935655205790683  |
| Encrypted:  | false   |
| SSDEEP:   | 192:Rrl7r3GLNIE3696YaD36XLgmfZSnS/ZCp17nX1ffJm:RrlsNi+696Yc36XLgmflnS/A7nlfs  |
| MD5:  | B831102B11FA3395D755D1BB81097289  |
| SHA1:   | 11843E55B390CE8A5FAD48F342F244C938FF4B1A  |
| SHA-256:  | C765D0D67F63F562E8E3817D0513C0FA99456485788DCA02DC80E33D4538747D  |
| SHA-512:  | 18ECA65B3A6C624CC9A23C9CF96550CFBBD508784D973E342D7DD0D244B640E4A36A0D86B22896D8747C168AE0286084AC23840FE44F89C35A67F2D333ABA5  |
| Malicious:  | false   |
| Preview:  | ..<?x.m.l. .v.e.r.s.i.o.n.=."1...0". .e.n.c.o.d.i.n.g.=."U.T.F.-1.6."?.>.....<W.E.R.R.e.p.o.r.t.M.e.t.a.d.a.t.a.>.....<O.S.V.e.r.s.i.o.n.l.n.f.o.r.m.a.t.i.o.n.>.....<W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>1.0...0.</W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>.....<B.u.i.l.d>1.7.1.3.4.</B.u.i.l.d>.....<P.r.o.d.u.c.t>.(0.x.3.0.).. .W.i.n.d.o.w.s .1.0 .P.r.o.</P.r.o.d.u.c.t>.....<E.d.i.t.i.o.n>.<P.r.o.f.e.s.s.i.o.n.a.l.</E.d.i.t.i.o.n>.....<B.u.i.l.d.S.t.r.i.n.g>1.7.1.3.4...1...a.m.d.6.4.f.r.e.r.s.4_._r.e.l.e.a.s.e..1.8.0.4.1.0.-1.8.0.4.</B.u.i.l.d.S.t.r.i.n.g>.....<R.e.v.i.s.i.o.n>1.</R.e.v.i.s.i.o.n>.....<F.l.a.v.o.r>.<M.u.l.t.i.p.r.o.c.e.s.s.o.r .F.r.e.e.</F.l.a.v.o.r>.....<A.r.c.h.i.t.e.c.t.u.r.e>X.6.4.</A.r.c.h.i.t.e.c.t.u.r.e>.....<L.C.I.D>1.0.3.3.</L.C.I.D>.....<O.S.V.e.r.s.i.o.n.l.n.f.o.r.m.a.t.i.o.n.>.....<P.r.o.c.e.s.s.l.n.f.o.r.m.a.t.i.o.n.>.....<P.i.d>3.7.2.4.</P.i.d>..... |

| C:\ProgramData\Microsoft\Windows\WER\Temp\WER7473.tmp.xml |  |
|---|--|
| Process:  | C:\Windows\Microsoft.NET\Framework\v2.0.50727\dw20.exe   |
| File Type:  | XML 1.0 document, ASCII text, with CRLF line terminators   |
| Category:   | dropped  |
| Size (bytes):   | 4678   |
| Entropy (8bit):   | 4.444767498901979  |
| Encrypted:  | false  |
| SSDEEP:   | 48:cwlwSD8zsCJgtWI9HnWSC8Bxk8fm8M4JFKqJFx+q8vv9/URyHwd:uITfQoWSNTJJFKsKlcRyHzd   |
| MD5:  | 5CF35384506171C76D238D23345102E5   |
| SHA1:   | 2AD1BF4FC9C1D89B39F4F1F1D5EA58FDBF6B1A   |
| SHA-256:  | A5F959079EDED28B1CFBBAF95E51A35566A142A81565719D9BF2F2F7662BEDD  |
| SHA-512:  | D690E05F2D00A5FDFA49829F1DC1C43552A91D3A40DA8109B53302058211CB5A3FD1EA4C4D59C1397FD74833972ED29AC99E716E969682AD2E4FE92BE816EF56 |
| Malicious:  | false  |

**C:\ProgramData\Microsoft\Windows\WER\Temp\WER7473.tmp.xml**

Preview:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>..<req ver="2">.. <tlm>.. <src>.. <desc>.. <mach>.. <os>.. <arg nm="vermaj" val="10" />.. <arg nm="vermin" val="0" />.. <arg nm="verbl" val="17134" />.. <arg nm="vercsdbld" val="1" />.. <arg nm="verqfe" val="1" />.. <arg nm="csdbld" val="1" />.. <arg nm="versp" val="0" />.. <arg nm="arch" val="9" />.. <arg nm="lcid" val="1033" />.. <arg nm="geoid" val="244" />.. <arg nm="sku" val="48" />.. <arg nm="domain" val="0" />.. <arg nm="prodsuite" val="256" />.. <arg nm="ntprodtype" val="1" />.. <arg nm="platid" val="2" />.. <arg nm="tmsi" val="843962" />.. <arg nm="osinsty" val="1" />.. <arg nm="iever" val="11.1.17134.0-1 1.0.47" />.. <arg nm="portos" val="0" />.. <arg nm="ram" val="4096" />..
```

**C:\ProgramData\Microsoft\Windows\WER\Temp\WER81AC.tmp.WERInternalMetadata.xml**

|                 |  |
|-----------------|--|
| Process:        | C:\Windows\Microsoft.NET\Framework\v2.0.50727\dw20.exe   |
| File Type:      | XML 1.0 document, Little-endian UTF-16 Unicode text, with CRLF line terminators  |
| Category:       | dropped  |
| Size (bytes):   | 7646   |
| Entropy (8bit): | 3.693579069726026  |
| Encrypted:      | false  |
| SSDeep:         | 192:Rrl7r3GLNiJ5z6ZcJ6YQK6AgnfZSnS/ZCp1sc1fbkm:RrlsNiHz6M6YV6AgnfInS/Asmfd   |
| MD5:            | 3A508C183E8DBAAD5D3D8713B56F9361   |
| SHA1:           | EDFA7FE427707929A6A6DDD1EB0F3DDF3BEF18F7   |
| SHA-256:        | 23CA4EDA7A443492D22C975864EBFB9D0465DBAD4417390EF4F7FA36B5ECF537   |
| SHA-512:        | 5CE0BDCDA608DBD7757226268407E053148AE9B88329656B566BEB6C651158048859EBF03A48B1DAC9BE380F53A32BAC3A1812753ED269A80491FFF274BB80107  |
| Malicious:      | false  |
| Preview:        | ..<.x.m.l. .v.e.r.s.i.o.n.=."1...0". .e.n.c.o.d.i.n.g.=."U.T.F.-1.6."?>....<W.E.R.e.p.o.r.t.M.e.t.a.d.a.t.a.>.....<O.S.V.e.r.s.i.o.n.l.n.f.o.r.m.a.t.i.o.n.>.....<W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>1.0...0.</W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>.....<B.u.i.l.d>1.7.1.3.4.</B.u.i.l.d>.....<P.r.o.d.u.c.t>(0x3.0).:.W.i.n.d.o.w.s. 1.0. .P.r.o.</P.r.o.d.u.c.t>.....<E.d.i.t.i.o.n>P.r.o.f.e.s.s.i.o.n.a.l.</E.d.i.t.i.o.n>.....<B.u.i.l.d.S.t.r.i.n.g>1.7.1.3.4...1..a.m.d.6.4.f.r.e..r.s.4_.r.e.l.e.a.s.e...1.8.0.4.1.0.-1.8.0.4.</B.u.i.l.d.S.t.r.i.n.g>.....<R.e.v.i.s.i.o.n>1.</R.e.v.i.s.i.o.n>.....<F.l.a.v.o.r>M.u.l.t.i.p.r.o.c.e.s.s.o.r. F.r.e.e.</F.l.a.v.o.r>.....<A.r.c.h.i.t.e.c.t.u.r.e>X.6.4.</A.r.c.h.i.t.e.c.t.u.r.e>.....<L.C.I.D>1.0.3.3.</L.C.I.D>.....</O.S.V.e.r.s.i.o.n.l.n.f.o.r.m.a.t.i.o.n.>.....<P.r.o.c.e.s.s.l.n.f.o.r.m.a.t.i.o.n.>.....<P.i.d>5.4.4.0.</P.i.d>..... |

**C:\ProgramData\Microsoft\Windows\WER\Temp\WER8566.tmp.xml**

|                 |   |
|-----------------|---|
| Process:        | C:\Windows\Microsoft.NET\Framework\v2.0.50727\dw20.exe  |
| File Type:      | XML 1.0 document, ASCII text, with CRLF line terminators  |
| Category:       | dropped   |
| Size (bytes):   | 4678  |
| Entropy (8bit): | 4.444768514534563   |
| Encrypted:      | false   |
| SSDeep:         | 48:cwlwSD8zsJJgtWI9HnWSC8Bcs8fm8M4JFKqJFY2+q8vp/URyHDD:uITfboWSNqRJFKIKxcRyHDD  |
| MD5:            | 5A22E2B7CEDA2DCE82BD29C8364400C6  |
| SHA1:           | 517E131B4D1A984B5D79E041EE6E823CB85B771C  |
| SHA-256:        | FBBC0C2B8668F47624704691F6B1D3637C4FEB80B191B86781C760557D98B973  |
| SHA-512:        | 2CEEBEA847BAB89C2F152F6A0A007E2793656F68E736A03D28386F374B621B2EDF4A10680194E1F3D5A4031B6DD96CFA5D02D8A330383A9BD6B3CEFB40B063AA  |
| Malicious:      | false   |
| Preview:        | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>..<req ver="2">.. <tlm>.. <src>.. <desc>.. <mach>.. <os>.. <arg nm="vermaj" val="10" />.. <arg nm="vermin" val="0" />.. <arg nm="verbl" val="17134" />.. <arg nm="vercsdbld" val="1" />.. <arg nm="verqfe" val="1" />.. <arg nm="csdbld" val="1" />.. <arg nm="versp" val="0" />.. <arg nm="arch" val="9" />.. <arg nm="lcid" val="1033" />.. <arg nm="geoid" val="244" />.. <arg nm="sku" val="48" />.. <arg nm="domain" val="0" />.. <arg nm="prodsuite" val="256" />.. <arg nm="ntprodtype" val="1" />.. <arg nm="platid" val="2" />.. <arg nm="tmsi" val="843963" />.. <arg nm="osinsty" val="1" />.. <arg nm="iever" val="11.1.17134.0-1 1.0.47" />.. <arg nm="portos" val="0" />.. <arg nm="ram" val="4096" />.. |

**C:\ProgramData\Microsoft\Windows\WER\Temp\WERAF48.tmp.mdmp**

|                 |  |
|-----------------|--|
| Process:        | C:\Windows\SysWOW64\WerFault.exe   |
| File Type:      | Mini DuMP crash report, 14 streams, Tue Feb 2 16:52:18 2021, 0x60521 type  |
| Category:       | dropped  |
| Size (bytes):   | 6824818  |
| Entropy (8bit): | 4.735635134294259  |
| Encrypted:      | false  |
| SSDeep:         | 98304:EauuHsiIP9H6hlb1Xa73vlirFYuerqFpCqkJpljZcsZccO:LxHsiIP9H469BXyfZc1   |
| MD5:            | CC42182766C160A4269CBC0CB6DD537A   |
| SHA1:           | 2123EFAF6B085E889046DB5EFAA87A1A3BE29652   |
| SHA-256:        | AAC3FBCFE568BD68FC4B213308FF5C593EE3AAB47FC2C9447754239579E838B5   |
| SHA-512:        | 7561C17ECED613BCF3D4026BBB25000CBC440F46EF912EB8AE6934EDED5793B0564C17EC254AE89D7B04CF7D347DCEA782354648D235A90ED3068F3FDCBD7-71   |
| Malicious:      | false  |
| Preview:        | MDMP.....B.`!.....U.....B.....3.....GenuineIntelW.....T.....#.`.....0.....P.a.c.i.f.i.c. .S.t.a.n.d.a.r.d. .T.i.m.e.....P.a.c.i.f.i.c. .D.a.y.l.i.g.h.t. .T.i.m.e.....1.7.1.3.4...1..x.8.6.f.r.e..r.s.4_.r.e.l.e.a.s.e...1.8.0.4.1.0.-1.8.0.4.....d.b.g.c.o.r.e..i.3.8.6.,1.0...0..1.7.1.3.4..1..... |

| C:\ProgramData\Microsoft\Windows\WER\Temp\WERD020.tmp.WERInternalMetadata.xml |   |
|---|---|
| Process:  | C:\Windows\SysWOW64\WerFault.exe  |
| File Type:  | XML 1.0 document, Little-endian UTF-16 Unicode text, with CRLF line terminators   |
| Category:   | dropped   |
| Size (bytes):   | 6346  |
| Entropy (8bit):   | 3.726879109228151   |
| Encrypted:  | false   |
| SSDEEP:   | 192:Rrl7r3GLNier6hY0SwZCpr+89BjnvsfNjm:RrlsNiq6hY0SwWJnUf0  |
| MD5:  | 859C2D09E985859C05BA524E847AE1F7  |
| SHA1:   | D77BC6804E32D6EA7001D46678CCA826F5E68F68  |
| SHA-256:  | 6DB7AAEE60D7D508523C3BA1B51655E0707872B4BE51B8CFBC88A401CF1DA410  |
| SHA-512:  | 9C1439031B122D8ED9361117E3B095D7E1335C0038463AF84886873B8B543D36081056ADA864C8C42A165B851F590D079473962B5C3B92D05BC0D9C207E8F1D6  |
| Malicious:  | false   |
| Preview:  | ..<?x.m.l. .v.e.r.s.i.o.n.=."1...0". .e.n.c.o.d.i.n.g.=."U.T.F.-1.6.".?.>....<W.E.R.R.e.p.o.r.t.M.e.t.a.d.a.t.a.>.....<O.S.V.e.r.s.i.o.n.l.n.f.o.r.m.a.t.i.o.n.>.....<W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>1.0...0.</W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>.....<B.u.i.l.d.>1.7.1.3.4.</B.u.i.l.d.>.....<P.r.o.d.u.c.t.>.(0.x.3.0.).. .W.i.n.d.o.w.s ..1.0.. .P.r.o.</P.r.o.d.u.c.t.>.....<E.d.i.t.i.o.n>P.r.o.f.e.s.s.i.o.n.a.l.</E.d.i.t.i.o.n>.....<B.u.i.l.d.S.t.r.i.n.g.>1.7.1.3.4...1..a.m.d.6.4.f.r.e..r.s.4_..r.e.l.e.a.s.e..1.8.0.4.1.0.-.1.8.0.4.</B.u.i.l.d.S.t.r.i.n.g.>.....<R.e.v.i.s.i.o.n.>1.</R.e.v.i.s.i.o.n.>.....<F.l.a.v.o.r.>M.u.l.t.i.p.r.o.c.e.s.s.o.r. .F.r.e.e.</F.l.a.v.o.r.>.....<A.r.c.h.i.t.e.c.t.u.r.e.>X.6.4.</A.r.c.h.i.t.e.c.t.u.r.e.>.....<L.C.I.D.>1.0.3.3.</L.C.I.D.>.....</O.S.V.e.r.s.i.o.n.l.n.f.o.r.m.a.t.i.o.n.>.....<P.r.o.c.e.s.s.l.n.f.o.r.m.a.t.i.o.n.>.....<P.i.d.>3.7.2.4.</P.i.d.>..... |

| C:\ProgramData\Microsoft\Windows\WER\Temp\WERD84E.tmp.xml |  |
|---|--|
| Process:  | C:\Windows\SysWOW64\WerFault.exe   |
| File Type:  | XML 1.0 document, ASCII text, with CRLF line terminators   |
| Category:   | dropped  |
| Size (bytes):   | 4658   |
| Entropy (8bit):   | 4.484771487000801  |
| Encrypted:  | false  |
| SSDEEP:   | 48:cwlwSD8zsCJgtWI9HnWSC8BN8fm8M4JUKzFK+q84UN/URyHAd:ulTfQoWSNAJJOOncRyHAd   |
| MD5:  | 9363D872E68ACC797390D6712DA8521C   |
| SHA1:   | A04E6EAEC66ECA386CBE020130B59BD71172009F   |
| SHA-256:  | 73F1FD36F750B4FD1E3B300530421BC897887B4B3D3BFE85C6893B3C0341F4C4   |
| SHA-512:  | 43CFE15E426B91B113B4E3B109BA0C4030F623CF356D7D4D66DB849A989390EBFFD9C770824B21BB42D0DC0BE54251039A2678920F8851631652EE0AFF7878E8   |
| Malicious:  | false  |
| Preview:  | <?xml version="1.0" encoding="UTF-8" standalone="yes"?>..<req ver="2">.. <tlm>.. <src>.. <desc>.. <mach>.. <os>.. <arg nm="vermaj" val="10" />.. <arg nm="vermin" val="0" />.. <arg nm="verblid" val="17134" />.. <arg nm="vercsdbld" val="1" />.. <arg nm="verqfe" val="1" />.. <arg nm="csdbld" val="1" />.. <arg nm="versp" val="0" />.. <arg nm="arch" val="9" />.. <arg nm="lcid" val="1033" />.. <arg nm="geoid" val="244" />.. <arg nm="sku" val="48" />.. <arg nm="domain" val="0" />.. <arg nm="prodsuite" val="256" />.. <arg nm="ntprodtype" val="1" />.. <arg nm="plati" val="2" />.. <arg nm="tmsi" val="843962" />.. <arg nm="osinsty" val="1" />.. <arg nm="iever" val="11.1.17134.0-1 1.0.47" />.. <arg nm="portos" val="0" />.. <arg nm="ram" val="4096" />.. |

| C:\ProgramData\Microsoft\Windows\WER\Temp\WERDDB6.tmp.mdmp |  |
|--|--|
| Process:   | C:\Windows\SysWOW64\WerFault.exe   |
| File Type:   | Mini DuMP crash report, 14 streams, Tue Feb 2 16:53:45 2021, 0x60521 type  |
| Category:  | dropped  |
| Size (bytes):  | 6791614  |
| Entropy (8bit):  | 4.742421345206189  |
| Encrypted:   | false  |
| SSDEEP:  | 98304:xAmuM2xDI9H+h1b1XaoDvliXnlYuernx5AqJplvzcnsccD:xdxM2xDI9HUMndYpDzsS  |
| MD5:   | 722E8E235CF8F1D7BFAE5DC73782C39E   |
| SHA1:  | 8E0E4C0332FE09017117C69966D39BFF3D93BE0F   |
| SHA-256:   | 87CCC6BF059F6DF8C5EE9B7872438410BB30C6D104B2E7BF5B9230BCE8850A9B   |
| SHA-512:   | E14A7BE8D7C59D1833DE5C15B69CDF76586A2DF0CBC2B930702B7D4B34B8C8DAB1E408BEB07117B2E1BE777FBA5E69A696E42BA42FA18767A890A16FA7EB C04   |
| Malicious:   | false  |
| Preview:   | MDMP.....`!.....U.....B.....H3.....GenuineIntelW.....T.....@...g.`.....0.....P.a.c.i.f.i.c. .S.t.a.n.d.a.r.d. .T.i.m.e.....P.a.c.i.f.i.c. .D.a.y.l.i.g.h.t. .T.i.m.e.....1.7.1.3.4...1..x.8.6.f.r.e..r.s.4_..r.e.l.e.a.s.e..1.8.0.4.1.0.-.1.8.0.4.....d.b.g.c.o.r.e..i.3.8.6.,.1.0..0..1.7.1.3.4..1..... |

| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\\$s##IT3ssl.exe.log |   |
|---|---|
| Process:  | C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\\$s##IT3ssl.exe |
| File Type:  | ASCII text, with CRLF line terminators  |
| Category:   | dropped   |
| Size (bytes):   | 1406  |
| Entropy (8bit):   | 5.34928936000881  |
| Encrypted:  | false   |

| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\\$s##IT3ssl.exe.log |   |
|---|---|
| SSDEEP:   | 24:MLUE4K5E4Ks2E1qE4bE4K5AE4Kzr74E4KnKDE4KhK3VZ9pKhPKIE4oKFHKorE4J:MIHK5HKXE1qHbHK5AHKzv4HKnYHKhQnp   |
| MD5:  | E26C2069017DA08B1891F176C3FCBB5B  |
| SHA1:   | 372337FEB1999D2CF9E2CDF4AF964905B6EE025A  |
| SHA-256:  | A00F43B55E3A712364B3F1F3A8C0DE7B291111960CAC301A34544666E812E5F9  |
| SHA-512:  | F13A01B88578FC81453B4C8389C91237414CF2D95CCFD76FE2291E973C86EFA23192C916FD832802054BFC0B2EE72F6ABD7B057BADF98750C381F32115259F9C  |
| Malicious:  | false   |
| Preview:  | 1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll",0..2,"System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"System.Data, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll",0..2,"System.Data.DataSetExtensions, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"Sy |

| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\PO_Invoices_pdf.exe.log |   |
|---|---|
| Process:  | C:\Users\user\Desktop\PO_Invoices_pdf.exe   |
| File Type:  | ASCII text, with CRLF line terminators  |
| Category:   | dropped   |
| Size (bytes):   | 1406  |
| Entropy (8bit):   | 5.34928936000881  |
| Encrypted:  | false   |
| SSDEEP:   | 24:MLUE4K5E4Ks2E1qE4bE4K5AE4Kzr74E4KnKDE4KhK3VZ9pKhPKIE4oKFHKorE4J:MIHK5HKXE1qHbHK5AHKzv4HKnYHKhQnp   |
| MD5:  | E26C2069017DA08B1891F176C3FCBB5B  |
| SHA1:   | 372337FEB1999D2CF9E2CDF4AF964905B6EE025A  |
| SHA-256:  | A00F43B55E3A712364B3F1F3A8C0DE7B291111960CAC301A34544666E812E5F9  |
| SHA-512:  | F13A01B88578FC81453B4C8389C91237414CF2D95CCFD76FE2291E973C86EFA23192C916FD832802054BFC0B2EE72F6ABD7B057BADF98750C381F32115259F9C  |
| Malicious:  | true  |
| Preview:  | 1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll",0..2,"System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"System.Data, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll",0..2,"System.Data.DataSetExtensions, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"Sy |

| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\ModuleAnalysisCache |   |
|--|---|
| Process:   | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe   |
| File Type:   | data  |
| Category:  | dropped   |
| Size (bytes):  | 8701  |
| Entropy (8bit):  | 4.879861859938857   |
| Encrypted:   | false   |
| SSDEEP:  | 192:cdcU6Clb4oxoe5oVsm5emdVVFn3eGOVpN6K3bkkjo59gkjDt4iWN3yBGHh9smii:cib4NBVoGlPN6KQkj2Wkjh4iUx0mib4J  |
| MD5:   | E16560503ABB03E8D3A60D67C80E53CB  |
| SHA1:  | 228496AC4B81BD035E5DFA6C7298EAC436DBED  |
| SHA-256:   | B025E6D38777D7FFC9483E7EFBA2D0DA9766C99113E3441FE56D40A10B85D9D3  |
| SHA-512:   | 7C0B791A504C1B666C9350A018A2E59C950CABE10832EEEBF88C47784908E8DBE09490E5F9D0A11A05E1200515BB8321E5730E3710EB79633661ED2006F57835  |
| Malicious:   | false   |
| Preview:   | PSMODULECACHE.....w.e...a...C:\Program Files (x86)\WindowsPowerShell\Modules\PackageManagement\1.0.0.1\PackageManagement.psd1.....Set-PackageSource.....Unregister-PackageSource.....Get-PackageSource.....Install-Package.....Save-Package.....Get-Package.....Find-Package.....Install-PackageProvider.....Import-PackageProvider.....Get-PackageProvider.....Register-PackageSource.....Uninstall-Package.....Find-PackageProvider.....D..8.....C:\Program Files (x86)\WindowsPowerShell\Modules\Microsoft.PowerShell.Operation.Validation\1.0.1\Microsoft.PowerShell.Operation.Validation.psd1.....Get-OperationValidation.....Invoke-OperationValidation.....PSMODULECACHE.....<.e...Y...C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PowerShellGet.psd1.....Uninstall-Module.....Inmo.....fimo.....Install-Module.....New-ScriptFileInfo.....Publish-Module.....Install-Script.....Update-Script.....Find-Command.. |

| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupScriptData-NonInteractive |   |
|---|---|
| Process:  | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe   |
| File Type:  | data  |
| Category:   | dropped   |
| Size (bytes):   | 19636   |
| Entropy (8bit):   | 5.5609303136217765  |
| Encrypted:  | false   |
| SSDEEP:   | 384:Et9+XHq0/usaSD01KRYSBKnTYw5Q9QRbp6cQcpPTDEiqWJI5jw:dBaSDS4KTYwO9q8Rs4zWJ  |
| MD5:  | E1EFC42BE4A9B9F0A579636314EE85AD  |
| SHA1:   | 4AE90D27313085028D6E5643B45AC2D15F2E1882  |
| SHA-256:  | ABD22A8C7A2F2330B6A3FDD328D07097B1B4494E60C41D9150FF105F93B1D3B7  |
| SHA-512:  | F524E684CF1C7A51441A9873A0FFB35C3C205C5159A5C9989EEE36A63C25E0ABB849E667E5D54072986CFF428766B3AD45F8697CC6805DFC39A11101C6FB694 |

| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive |  |
|--|--|
| Malicious:   | false  |
| Preview:   | @...e.....].N.N.....@.....H.....<@.^L."My..... Microsoft.PowerShell.ConsoleHostD.....fZve..F....x.)Z.....System.Management.Automation4.....[...{a.C.%6.h.....System.Core.0.....G-o.A...4B.....System.4.....Zg5..O.g.q.....System.Xml.L.....7.....J@.....~.....#.Microsoft.Management.Infrastructure.8.....'..L.).....System.Numerics.@.....Lo..QN.....<Q.....System.DirectoryServices<.....H.QN.Y.f.....System.Management.4.....].D.E.....#.....System.Data.H.....H.m)aUu.....Microsoft.PowerShell.Security...<.....~.[L.D.Z.>.m.....System.Transactions.<.....:gK..G..\$.1.q.....System.ConfigurationP.....-K..S.F.*.']......(.Microsoft.PowerShell.Commands.ManagementD.....-D.F.<.nt.1.....System.Configuration.Ins |

| C:\Users\user\AppData\Local\Temp\Matixgoods.exe |   |
|---|---|
| Process:  | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe  |
| File Type:                                      | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows  |
| Category:                                       | dropped   |
| Size (bytes):                                   | 455680  |
| Entropy (8bit):                                 | 5.4156534240521   |
| Encrypted:                                      | false   |
| SSDeep:   | 6144:L09yLLuWoujzz/DCBGNv5IToO7OsWXiOV:L09yLyWoujHDX5QO7OvXik   |
| MD5:  | 80C61B903400B534858D047DD0919F0E  |
| SHA1:   | D0AB5400B74392308140642C75F0897E16A88D60  |
| SHA-256:  | 25ADE9899C000A27570B527CFFC938EC9626978219EC8A086082B113CBE4F492  |
| SHA-512:  | B3216F0E4E95C7F50BCCBA5FDCCA2AD622A42379383BE855546FA1E0BAC41A6BEEA8226F8634AD5E0D8596169E0443494018BBE70B7052F094402AECAA038BCE  |
| Malicious:                                      | true  |
| Yara Hits:                                      | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_Matix, Description: Yara detected Matix Keylogger, Source: C:\Users\user\AppData\Local\Temp\Matixgoods.exe, Author: Joe Security</li> </ul>  |
| Antivirus:                                      | <ul style="list-style-type: none"> <li>Antivirus: Avira, Detection: 100%</li> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: Metadefender, Detection: 46%, <a href="#">Browse</a></li> <li>Antivirus: ReversingLabs, Detection: 89%</li> </ul>  |
| Joe Sandbox View:                               | <ul style="list-style-type: none"> <li>Filename: Orders.exe, Detection: malicious, <a href="#">Browse</a></li> </ul>  |
| Preview:  | MZ.....@.....!.L.!This program cannot be run in DOS mode...\$.PE.L.....`.....~.....@.....`.....\$..W.....@.....H.....text.....`.....rsrc.....@..@.reloc.....@.....@..B.....`.....H.....x.....x'.h.....RNKIZJO@F.EYC.G.IOYKJ._R_CEESEPPlijez["hzfSn'ssdh~DNwq//M`tdv`],.....4.....Ewqus._/.....V>..%9%(&##b?LLJN.56(*:}.2=4lwY.....A.(YOLI..qAL.tTDY^..vNY |

| C:\Users\user\AppData\Local\Temp\__PSScriptPolicyTest_4e14qwxc.os0.psm1 |  |
|---|--|
| Process:  | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe  |
| File Type:  | very short file (no magic)   |
| Category:   | dropped  |
| Size (bytes):   | 1  |
| Entropy (8bit):   | 0.0  |
| Encrypted:  | false  |
| SSDeep:   | 3:U:U  |
| MD5:  | C4CA4238A0B923820DCC509A6F75849B   |
| SHA1:   | 356A192B7913B04C54574D18C28D46E6395428AB   |
| SHA-256:  | 6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B   |
| SHA-512:  | 4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A |
| Malicious:  | false  |
| Preview:  | 1  |

| C:\Users\user\AppData\Local\Temp\__PSScriptPolicyTest_awkr53h0.pdr.ps1 |  |
|--|--|
| Process:   | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe  |
| File Type:   | very short file (no magic)   |
| Category:  | dropped  |
| Size (bytes):  | 1  |
| Entropy (8bit):  | 0.0  |
| Encrypted:   | false  |
| SSDeep:  | 3:U:U  |
| MD5:   | C4CA4238A0B923820DCC509A6F75849B   |
| SHA1:  | 356A192B7913B04C54574D18C28D46E6395428AB   |
| SHA-256:   | 6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B   |
| SHA-512:   | 4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A |
| Malicious:   | false  |
| Preview:   | 1  |

| C:\Users\user\AppData\Local\Temp\__PSScriptPolicyTest_fla1cgxx.qbm.ps1 |  |
|--|--|
| Process:   | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe  |
| File Type:   | very short file (no magic)   |
| Category:  | dropped  |
| Size (bytes):  | 1  |
| Entropy (8bit):  | 0.0  |
| Encrypted:   | false  |
| SSDeep:  | 3:U:U  |
| MD5:   | C4CA4238A0B923820DCC509A6F75849B   |
| SHA1:  | 356A192B7913B04C54574D18C28D46E6395428AB   |
| SHA-256:   | 6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B   |
| SHA-512:   | 4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A |
| Malicious:   | false  |
| Preview:   | 1  |

| C:\Users\user\AppData\Local\Temp\__PSScriptPolicyTest_zllqa32j.uf3.psm1 |  |
|---|--|
| Process:  | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe  |
| File Type:  | very short file (no magic)   |
| Category:   | dropped  |
| Size (bytes):   | 1  |
| Entropy (8bit):   | 0.0  |
| Encrypted:  | false  |
| SSDeep:   | 3:U:U  |
| MD5:  | C4CA4238A0B923820DCC509A6F75849B   |
| SHA1:   | 356A192B7913B04C54574D18C28D46E6395428AB   |
| SHA-256:  | 6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B   |
| SHA-512:  | 4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A |
| Malicious:  | false  |
| Preview:  | 1  |

| C:\Users\user\AppData\Local\Temp\hawkgoods.exe |  |
|--|--|
| Process:                                       | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe   |
| File Type:                                     | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows   |
| Category:                                      | modified   |
| Size (bytes):                                  | 532992   |
| Entropy (8bit):                                | 6.507156751280516  |
| Encrypted:                                     | false  |
| SSDeep:  | 6144:DufqM5JXbS/QTjhUqBfxrwEnuNcSsm7IoYGW0VvBXCAt6kihw+E+VDpJYWmlwnx9E:uJXQtqB5urTloYWBQk1E+VF9mOx9Ei  |
| MD5:   | FFDB58533D5D1362E896E96FB6F02A95   |
| SHA1:  | D6E4A3CA253BFC372A9A3180B5887C716D285C6  |
| SHA-256:                                       | B3D02FD5C69293DB419AC03CDF6396BD5E7765682FB3B2390454D9A52BA2CA88   |
| SHA-512:                                       | 3AE6E49D3D728531201453A0BC27436B1A4305C8EF938B2CBB5E34EE45BB9A9A88CF2A41B08E4914FDA9A96BAA48BD999A2D2F1DFFCD39761BB1F3620CA725F  |
| Malicious:                                     | true   |
| Yara Hits:                                     | <ul style="list-style-type: none"> <li>Rule: HCTL_NET_GUID_Stealer, Description: Detects c# red/black-team tools via typelibguid, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Armin Rupp</li> <li>Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Joe Security</li> <li>Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Joe Security</li> <li>Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Joe Security</li> <li>Rule: Hawkeye, Description: detect HawkEye in memory, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: JPCERT/CC Incident Response Group</li> </ul> |
| Antivirus:                                     | <ul style="list-style-type: none"> <li>Antivirus: Avira, Detection: 100%</li> <li>Antivirus: Avira, Detection: 100%</li> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 96%</li> </ul>   |
| Joe Sandbox View:                              | <ul style="list-style-type: none"> <li>Filename: Orders.exe, Detection: malicious, <a href="#">Browse</a></li> </ul>   |
| Preview:                                       | MZ.....@.....!..L!This program cannot be run in DOS mode...\$.....PE..L.....`.....4.....@..<br>..@.....O....2.....`.....H.....text.....`.....rsrc.....2.....2.....@..@.reloc.....`.....@..@.B.....H.....0].....X.....2s.....*.....0.....~.....(.....~.....0.....~.....0.....9.....~.....0.....+G.....0.....0.....0.....).<br>.....~.....~.....0.....0.....1.....~.....0.....0.....~.....0.....0.....~.....(.....s.....0.....(.....*.....0.....0.....*.....(.....0.....0.....0.....0.....0.....*.....R.....(.....0.....0.....).   |

| C:\Users\user\AppData\Local\Temp\holderwb.txt |  |
|---|--|
| Process:                                      | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe  |
| File Type:                                    | Little-endian UTF-16 Unicode text, with no line terminators  |
| Category:                                     | dropped  |
| Size (bytes):                                 | 2  |
| Entropy (8bit):                               | 1.0  |
| Encrypted:                                    | false  |
| SSDeep:                                       | 3:Qn:Qn  |
| MD5:  | F3B25701FE362EC84616A93A45CE9998   |
| SHA1:   | D62636D8CAEC13F04E28442A0A6FA1AFEB024BBB   |
| SHA-256:                                      | B3D510EF04275CA8E698E5B3CBB0ECE3949EF9252F0CDC839E9EE347409A2209   |
| SHA-512:                                      | 98C5F56F3DE340690C139E58EB7DAC111979F0D4DFE9C4B24FF849510F4B6FFA9FD608C0A3DE9AC3C9FD2190F0EFAF715309061490F9755A9BFDF1C54CA0D4 |
| Malicious:                                    | false  |
| Preview:                                      | ..   |

| C:\Users\user\AppData\Local\Temp\origoods20.exe |   |
|---|---|
| Process:  | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe  |
| File Type:                                      | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows  |
| Category:                                       | modified  |
| Size (bytes):                                   | 220672  |
| Entropy (8bit):                                 | 6.057903449485828   |
| Encrypted:                                      | false   |
| SSDeep:   | 3072:SVQEa7UY8MnZGcqB5AyruUJ7XAzsNvEaEifv6yr9zRsc0qC4B0BUAE3vVAVvoUB:SytJqCUyQNX36yQqbB063cAUAW   |
| MD5:  | 61DC57C6575E1F3F2AE14C1B332AD2FB  |
| SHA1:   | F52F34623048E5FD720E97A72EEDFD32358CD3A9  |
| SHA-256:  | 1C7757EE223F2480FBC478AE2ECAF82E1D3C17F2E4D47581D3972416166C54AB  |
| SHA-512:  | 81A7DB927F53660D3A04A161D5C18AAB17D676BCC7AE0738AB786D9BEE82B91016E54E6F70428AEC4087961744BE89B1511F9E07D8DABBE5C2A9D836722395A1  |
| Malicious:                                      | true  |
| Yara Hits:                                      | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: C:\Users\user\AppData\Local\Temp\origoods20.exe, Author: Joe Security</li> </ul>  |
| Antivirus:                                      | <ul style="list-style-type: none"> <li>Antivirus: Avira, Detection: 100%</li> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: Metadefender, Detection: 43%, <a href="#">Browse</a></li> <li>Antivirus: ReversingLabs, Detection: 86%</li> </ul>  |
| Joe Sandbox View:                               | <ul style="list-style-type: none"> <li>Filename: Orders.exe, Detection: malicious, <a href="#">Browse</a></li> </ul>  |
| Preview:  | MZ.....@.....!..L!.This program cannot be run in DOS mode.\$.....PE..L.....`.....V.....t.....@.....<br>..@.....t.O.....H.....text..T..V.....`....rsrc.....X.....@..@.reloc.....<br>.....\.....@..B.....t.....H.....(....*.(....*S.....S.....S.....S.....*0.....+.....,+.....~.....0.....*0.....<br>..+.....,+.....~.....0.....+.....,+.....~.....0.....*0.....+.....,+.....~.....0.....*0.....+.....,+.....(....*.....0.....+.....<br>.....,+.....(+....*0..... |

| C:\Users\user\AppData\Local\Temp\origoods40.exe |   |
|---|---|
| Process:  | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe  |
| File Type:                                      | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows  |
| Category:                                       | dropped   |
| Size (bytes):                                   | 221696  |
| Entropy (8bit):                                 | 6.060343577776758   |
| Encrypted:                                      | false   |
| SSDeep:   | 3072:K9Wf3ouEAkhUxOCT+qr3drw0tR5dUimnoSA7Mw4lY2hWYQQgGJrozRscS4+S0w6:Khul3dlxUot7ldWLojCDUjU  |
| MD5:  | AE36F0D16230B9F41FFECBD3C5B1D660  |
| SHA1:   | 88AFC2923D1EEFB70BAD3C0CD9304949954377EF  |
| SHA-256:  | CFAD1E486666FF3FB042BA0E9967634DE1065F1BBD505C61B3295E55705A2A50  |
| SHA-512:  | 1E98AEE7DC693822113DCDE1446A5BED1C564B76EEF39F39F3A5D98D7D2099CF69AC92717A3297AFC7082203929F1E9437F21CB6BC690974A0EF6D6CF6E4393   |
| Malicious:                                      | true  |
| Yara Hits:                                      | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: C:\Users\user\AppData\Local\Temp\origoods40.exe, Author: Joe Security</li> </ul>  |
| Antivirus:                                      | <ul style="list-style-type: none"> <li>Antivirus: Avira, Detection: 100%</li> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: Metadefender, Detection: 43%, <a href="#">Browse</a></li> <li>Antivirus: ReversingLabs, Detection: 82%</li> </ul>  |
| Joe Sandbox View:                               | <ul style="list-style-type: none"> <li>Filename: Orders.exe, Detection: malicious, <a href="#">Browse</a></li> </ul>  |
| Preview:  | MZ.....@.....!..L!.This program cannot be run in DOS mode.\$.....PE..L.....`.....X.....>V.....@.....<br>..@.....u.S.....P.....H.....text..DV..V.....`....rsrc..P.....Z.....@..@.reloc.....<br>c.....`.....@..B.....v.....H.....H.....(....*.(....*S.....S.....S.....S.....*0.....+.....,+.....~.....0.....*0.....<br>.....+.....,+.....~.....0.....*0.....+.....,+.....~.....0.....*0.....+.....,+.....~.....0.....*0.....+.....,+.....(....*.....0.....+.....<br>.....,+.....(+....*0..... |

| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\\$#\IT3ssl.exe:Zone.Identifier |   |
|--|---|
| Process:   | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe   |
| File Type:   | ASCII text, with CRLF line terminators  |
| Category:  | dropped   |
| Size (bytes):  | 26  |
| Entropy (8bit):  | 3.95006375643621  |
| Encrypted:   | false   |
| SSDeep:  | 3:ggPYV:rPYV  |
| MD5:   | 187F488E27DB4AF347237FE461A079AD  |
| SHA1:  | 6693BA299EC1881249D59262276A0D2CB21F8E64  |
| SHA-256:   | 255A65D30841AB4082BD9D0EEA79D49C5EE88F56136157D8D6156AEF11C12309  |
| SHA-512:   | 89879F237C0C051EBE784D0690657A6827A312A82735DA42DAD5F744D734FC545BEC9642C19D14C05B2F01FF53BC731530C92F7327BB7DC9CDE1B60FB21CD64 |
| Malicious:   | true  |
| Preview:   | [ZoneTransfer]....ZoneId=0  |

| C:\Users\user\AppData\Roaming\pid.txt |   |
|---------------------------------------|---|
| Process:                              | C:\Users\user\AppData\Local\Temp\hawkgoods.exe  |
| File Type:                            | ASCII text, with no line terminators  |
| Category:                             | dropped   |
| Size (bytes):                         | 4   |
| Entropy (8bit):                       | 1.5   |
| Encrypted:                            | false   |
| SSDEEP:                               | 3:Ezn:Ezn   |
| MD5:                                  | 7A2347D96752880E3D58D72E9813CC14  |
| SHA1:                                 | 1D3027412B106008F1A8094D747616D37F4AE1BB  |
| SHA-256:                              | 90F285F8FB15C8BC72A43D25CEA803491CC0FD0E97567CFF577A2CFA56CDE6F8  |
| SHA-512:                              | 96A7B7BE0B89097FC65BB75DD9B8B0DEB5063ED6990E27151A0A7E54C899AE69377E57ECB5728DFFAB657EE444244F833236F80EC6A98E449902DF9075C74CE |
| Malicious:                            | false   |
| Preview:                              | 5440  |

| C:\Users\user\AppData\Roaming\pidloc.txt |  |
|--|--|
| Process:                                 | C:\Users\user\AppData\Local\Temp\hawkgoods.exe   |
| File Type:                               | ASCII text, with no line terminators   |
| Category:                                | dropped  |
| Size (bytes):                            | 50   |
| Entropy (8bit):                          | 4.6483674395583785   |
| Encrypted:                               | false  |
| SSDEEP:                                  | 3:oNerbJSRE2J5xAI4F:oNe0i23f8  |
| MD5:                                     | 0CE4A330E42C174E8E8CF4D81C6F46A6   |
| SHA1:                                    | D9CA3AD5CD90643DF99808D5FF0EC0E89E891FE0   |
| SHA-256:                                 | 94ABDE13F36EBE4B4AC81A712597439918788FD90339594FA1DDD679E7DAD70A   |
| SHA-512:                                 | CE3453726B73A7423C69D94E4784966A6AA08381A8E9585AA323D0D80EAE63R3A31508B7083C3EEC6AB2727112573733D498E4E78389D75F64DDE6BABE581943 |

| C:\Users\user\AppData\Roaming\pidloc.txt |   |
|--|---|
| Malicious:                               | false   |
| Preview:                                 | C:\Users\user\~1\AppData\Local\Temp\hawkgoods.exe |

| C:\Users\user\Documents\20210202\PowerShell_transcript.830021.dnDUrXav.20210202085254.txt |  |
|---|--|
| Process:  | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe  |
| File Type:  | UTF-8 Unicode (with BOM) text, with CRLF line terminators  |
| Category:   | dropped  |
| Size (bytes):   | 4005   |
| Entropy (8bit):   | 5.389111464999469  |
| Encrypted:  | false  |
| SSDeep:   | 96:BZ0x6KNWwkqDo1ZSzwMZ06KNWwkqDo1ZCSdC3UC3UW3gZ8:wXO  |
| MD5:  | 38990FC46C9A4B38D38D5B6B446DA280   |
| SHA1:   | 6BAB83EC68E0E3232CCB544F489D69026F3FAB9C   |
| SHA-256:  | 5CFE546B058149AC9BAA1B3B2CB29FFDC75EA82CFF37F287D818A567B0476B   |
| SHA-512:  | 821C9C1FE957904DCCB563AB386978D98D5DF5A6DBF5EF196B3C2DB2DA74BF0D4784195B36CFA8C8A3AF4748FFEDFA5B3EA8359E322BDFE39477EDDCA372E8B4   |
| Malicious:  | false  |
| Preview:  | *****.Windows PowerShell transcript start..Start time: 20210202085355..Username: computer\user..RunAs User: computer\user..Configuration Name: ..Machine: 830021 (Microsoft Windows NT 10.0.17134.0)..Host Application: Powershell.exe -ExecutionPolicy Bypass -command Copy-Item 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\\$s#\$IT3ssl.exe' 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\\$s#\$IT3ssl.exe' ..Process ID: 6908..PSVersion: 5.1.17134.1..PSEdition: Desktop..PSCompatibleVersions: 1.0, 2.0, 3.0, 4.0, 5.0, 5.1.17134.1..BuildVersion: 10.0.17134.1..CLRVersion: 4.0.30319.42000..WSManStackVersion: 3.0..PSRemotingProtocolVersion: 2.3..SerializationVersion: 1.1.0.1..*****.*****.Command start time: 20210202085355..*****.PS>Copy-Item 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\\$s#\$IT3ssl.e |

| C:\Users\user\Documents\20210202\PowerShell_transcript.830021.vpu_jBUU.20210202085147.txt |  |
|---|--|
| Process:  | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe  |
| File Type:  | UTF-8 Unicode (with BOM) text, with CRLF line terminators  |
| Category:   | dropped  |
| Size (bytes):   | 1217   |
| Entropy (8bit):   | 5.237238445417744  |
| Encrypted:  | false  |
| SSDeep:   | 24:BxSAldZOVBDaD+xDOXCgxluVM5wVOHjeTKKjX4Clym1ZJX+luVM5lnxSAza:BZhv6KoO/uojQoDYB1Zouo5Za   |
| MD5:  | D400773C1D3FF7015F2BC822734162A  |
| SHA1:   | 299A9A913AEFDF415CB5515F9A09B05161264DEF   |
| SHA-256:  | 37EBF08DC01B50660C9218D9FB98992D216DE77186933DC3E016B003328F07DF   |
| SHA-512:  | B221B385406A51229AF6D022D209DDFE86BEA4DFF6E183B790307C18CDBE4C71633FD794C8AF13BBF825416732F6B38BBEE356F43D3D9C8DC384780BD5F5492  |
| Malicious:  | false  |
| Preview:  | *****.Windows PowerShell transcript start..Start time: 20210202085211..Username: computer\user..RunAs User: computer\user..Configuration Name: ..Machine: 830021 (Microsoft Windows NT 10.0.17134.0)..Host Application: Powershell.exe -ExecutionPolicy Bypass -command Copy-Item 'C:\Users\user\Desktop\PO_Invoices_pdf.exe' 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\\$s#\$IT3ssl.exe' ..Process ID: 5904..PSVersion: 5.1.17134.1..PSEdition: Desktop..PSCompatibleVersions: 1.0, 2.0, 3.0, 4.0, 5.0, 5.1.17134.1..BuildVersion: 10.0.17134.1..CLRVersion: 4.0.30319.42000..WSManStackVersion: 3.0..PSRemotingProtocolVersion: 2.3..SerializationVersion: 1.1.0.1..*****.*****.Command start time: 20210202085211..*****.PS>Copy-Item 'C:\Users\user\Desktop\PO_Invoices_pdf.exe' 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\\$s#\$IT3ssl.ex |

| C:\Users\user\Documents\Matix Keylogger\Screenshot.png |   |
|--|---|
| Process:   | C:\Users\user\AppData\Local\Temp\Matixgoods.exe   |
| File Type:   | PNG image data, 1280 x 1024, 8-bit/color RGBA, non-interlaced   |
| Category:  | dropped   |
| Size (bytes):  | 4898647   |
| Entropy (8bit):  | 7.944487996146186   |
| Encrypted:   | false   |
| SSDeep:  | 98304:6HSa5z1aE+hDB0hSa5z1aE+hD2eHsa5z1aE+hD2eHsa5z1aE+h:nkz3Ckz3dkz3dkz3akz3W  |
| MD5:   | 8C4D34A23BB01B274B0281197BAD0E4C  |
| SHA1:  | AC9D537B161FCC2DEB326716CC499029D67A1EBD  |
| SHA-256:   | 0B756492D0BA32BC2DB803986371A08AA9A5D6A46C859E3CA7204D12D1CBB123  |
| SHA-512:   | 509D9D5D2A1F8EEBCC39D5568E5875635C4D3C78552539270F96894230246EB1ADD6021A202043DE1605F4BB70E3AF16DC741240253C7499C24FEFD3BE865582  |
| Malicious:   | false   |
| Preview:   | .PNG.....IHDR.....C...sRGB.....gAMA.....a....pHYs.....o.d....IDATx^...mGY.....@..=t.y.....'....A:R.\$!.@z%.B.-....J..B...)R@Hg.....;k...]...{.g.l.=.-.....==kw.....e.~3bm.{.q.Zv.O.;v.o.{.....cB:+e....A.@.....l..vv."...Sv.5....].X.....Y]..0~..#.c'.....og.kc!k./h'.m..b..e.-HWG..U)].2#.....^..g.vv.l...]..k.b.lz...c<.....oF.s!C R...a.{z.....b@%;%zf{+b..y!g...;sv[.....Q.>C..v>c...&>..7<.....hm..7k{.V.=3..){>..b...=4..f{=.@=..C.....d.\$6q~A.....vo.....w.n..O.....;..;H9.....w.....].ac.P vv.Q..bc*.....7.....S.W?..y."6.E)e.W.H?Bm;X;..~.i..dN.2r.S.h%.....'.....7?3.c.(@..p..)N.YL!P.[..y..3e..E.T.o.....f....g.Q.[.=..@}.Gr....@}:V.`.+0.. C.....!..;H9.....w.....N.bc.P\....Z'i.....c.Z?;Jt.....J..gf.m.{.e..a..p`...z.?!.0..psl.( *;.....N..`.....`D.LjO'....b.[p2.%".....b.?..q.\....1. |

## Static File Info

### General

|                       |  |
|-----------------------|--|
| File type:            | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows   |
| Entropy (8bit):       | 7.9413063895946845   |
| TrID:                 | <ul style="list-style-type: none"> <li>Win32 Executable (generic) Net Framework (10011505/4) 49.83%</li> <li>Win32 Executable (generic) a (10002005/4) 49.78%</li> <li>Generic CIL Executable (.NET, Mono, etc.) (73296/58) 0.36%</li> <li>Generic Win/DOS Executable (2004/3) 0.01%</li> <li>DOS Executable Generic (2002/1) 0.01%</li> </ul> |
| File name:            | PO_Invoices_pdf.exe  |
| File size:            | 1655808  |
| MD5:                  | 59d7d8d5dd3e0055e7c0dcc75897f569   |
| SHA1:                 | b249b28d088d54e971e2d9d8b2688440f8e6d513   |
| SHA256:               | ef715cd322f0a805a68840b215c062f2e254977170a11c6800d836eac781fabb   |
| SHA512:               | 79ebc2a128d018eb7e71b254fd2fa72deae18081f1732619046e1db9d1aee92f7529521c005a5f861275afcbda3a39fd304cd5e1a49df848675460c5cf8f30d  |
| SSDeep:               | 49152:MWHaK9/4HLz1lxNIFSCLulcJVzF+gr6b0XVULw:v6KirHxNPUVOOFULw   |
| File Content Preview: | MZ.....@.....!..L!Th<br>is program cannot be run in DOS mode...\$.PE..L.....`.....0.....D.....N.....@.. .....@.....  |

### File Icon

|  |                  |
|--|------------------|
|  |                  |
| Icon Hash:   | d0d2f8ccf6c4dad8 |

## Static PE Info

### General

|                             |  |
|-----------------------------|--|
| Entrypoint:                 | 0x591c4e   |
| Entrypoint Section:         | .text  |
| Digitally signed:           | false  |
| Imagebase:                  | 0x400000   |
| Subsystem:                  | windows gui  |
| Image File Characteristics: | 32BIT_MACHINE, EXECUTABLE_IMAGE                        |
| DLL Characteristics:        | NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT |
| Time Stamp:                 | 0x601882D9 [Mon Feb 1 22:38:17 2021 UTC]               |
| TLS Callbacks:              |  |
| CLR (.Net) Version:         | v4.0.30319   |
| OS Version Major:           | 4  |
| OS Version Minor:           | 0  |
| File Version Major:         | 4  |
| File Version Minor:         | 0  |
| Subsystem Version Major:    | 4  |
| Subsystem Version Minor:    | 0  |
| Import Hash:                | f34d5f2d4577ed6d9ceec516c1f5a744                       |

### Entrypoint Preview

#### Instruction

```

jmp dword ptr [00402000h]
add byte ptr [eax], al

```



## Data Directories

| Name                                 | Virtual Address | Virtual Size | Is in Section |
|--------------------------------------|-----------------|--------------|---------------|
| IMAGE_DIRECTORY_ENTRY_EXPORT         | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_IMPORT         | 0x191bf4        | 0x57         | .text         |
| IMAGE_DIRECTORY_ENTRY_RESOURCE       | 0x192000        | 0x4186       | .rsrc         |
| IMAGE_DIRECTORY_ENTRY_EXCEPTION      | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_SECURITY       | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_BASERELOC      | 0x198000        | 0xc          | .reloc        |
| IMAGE_DIRECTORY_ENTRY_DEBUG          | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_COPYRIGHT      | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_GLOBALPTR      | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_TLS            | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_LOAD_CONFIG    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT   | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_IAT            | 0x2000          | 0x8          | .text         |
| IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT   | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_COM_DESCRIPTOR | 0x2008          | 0x48         | .text         |
| IMAGE_DIRECTORY_ENTRY_RESERVED       | 0x0             | 0x0          |               |

## Sections

| Name   | Virtual Address | Virtual Size | Raw Size | Xored PE | ZLIB Complexity | File Type | Entropy        | Characteristics  |
|--------|-----------------|--------------|----------|----------|-----------------|-----------|----------------|--|
| .text  | 0x2000          | 0x18fc54     | 0x18fe00 | False    | 0.788759670991  | data      | 7.94835272626  | IMAGE_SCN_MEM_EXECUTE,<br>IMAGE_SCN_CNT_CODE,<br>IMAGE_SCN_MEM_READ                      |
| .rsrc  | 0x192000        | 0x4186       | 0x4200   | False    | 0.507634943182  | data      | 5.48483136325  | IMAGE_SCN_CNT_INITIALIZED_D<br>ATA, IMAGE_SCN_MEM_READ                                   |
| .reloc | 0x198000        | 0xc          | 0x200    | False    | 0.044921875     | data      | 0.101910425663 | IMAGE_SCN_CNT_INITIALIZED_D<br>ATA,<br>IMAGE_SCN_MEM_DISCARDABLE<br>, IMAGE_SCN_MEM_READ |

## Resources

| Name    | RVA      | Size   | Type   | Language | Country |
|---------|----------|--------|--|----------|---------|
| RT_ICON | 0x192190 | 0x468  | GLS_BINARY_LSB_FIRST   |          |         |
| RT_ICON | 0x1925f8 | 0x10a8 | dBase IV DBT of @.DBF, block length 4096, next free block index 40, next free block 4286386453, next used block 4285534489 |          |         |

| Name          | RVA      | Size   | Type   | Language | Country |
|---------------|----------|--------|--|----------|---------|
| RT_ICON       | 0x1936a0 | 0x25a8 | dBase IV DBT of `.DBF, block length 9216, next free block index 40, next free block 4278198588, next used block 4278263872 |          |         |
| RT_GROUP_ICON | 0x195c48 | 0x30   | data   |          |         |
| RT_VERSION    | 0x195c78 | 0x324  | data   |          |         |
| RT_MANIFEST   | 0x195f9c | 0x1ea  | XML 1.0 document, UTF-8 Unicode (with BOM) text, with CRLF line terminators  |          |         |

## Imports

| DLL         | Import      |
|-------------|-------------|
| mscoree.dll | _CorExeMain |

## Version Infos

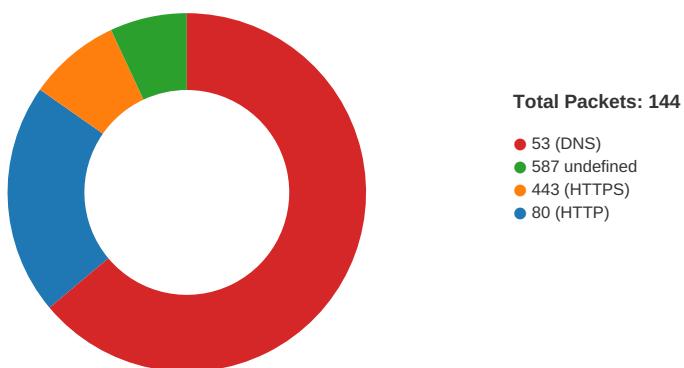
| Description      | Data               |
|------------------|--------------------|
| Translation      | 0x0000 0x04b0      |
| LegalCopyright   | Copyright (C) 2017 |
| Assembly Version | 7.2.12.13          |
| InternalName     | Foxmail.exe        |
| FileVersion      | 7.2.12.13          |
| CompanyName      | Tencent Inc.       |
| Comments         | Foxmail 7.2        |
| ProductName      | Foxmail 7.2        |
| ProductVersion   | 7.2.12.13          |
| FileDescription  | Foxmail            |
| OriginalFilename | Foxmail.exe        |

## Network Behavior

### Snort IDS Alerts

| Timestamp                | Protocol | SID  | Message                        | Source Port | Dest Port | Source IP     | Dest IP     |
|--------------------------|----------|------|--------------------------------|-------------|-----------|---------------|-------------|
| 02/02/21-08:51:54.127437 | TCP      | 1201 | ATTACK-RESPONSES 403 Forbidden | 80          | 49729     | 104.16.155.36 | 192.168.2.7 |
| 02/02/21-08:51:54.375992 | TCP      | 1201 | ATTACK-RESPONSES 403 Forbidden | 80          | 49729     | 104.16.155.36 | 192.168.2.7 |
| 02/02/21-08:53:01.225853 | TCP      | 1201 | ATTACK-RESPONSES 403 Forbidden | 80          | 49769     | 104.16.155.36 | 192.168.2.7 |

### Network Port Distribution



## TCP Packets

| Timestamp                          | Source Port | Dest Port | Source IP   | Dest IP       |
|------------------------------------|-------------|-----------|-------------|---------------|
| Feb 2, 2021 08:51:54.033477068 CET | 49729       | 80        | 192.168.2.7 | 104.16.155.36 |

| Timestamp                          | Source Port | Dest Port | Source IP      | Dest IP        |
|------------------------------------|-------------|-----------|----------------|----------------|
| Feb 2, 2021 08:51:54.073527098 CET | 80          | 49729     | 104.16.155.36  | 192.168.2.7    |
| Feb 2, 2021 08:51:54.073673964 CET | 49729       | 80        | 192.168.2.7    | 104.16.155.36  |
| Feb 2, 2021 08:51:54.075356960 CET | 49729       | 80        | 192.168.2.7    | 104.16.155.36  |
| Feb 2, 2021 08:51:54.115274906 CET | 80          | 49729     | 104.16.155.36  | 192.168.2.7    |
| Feb 2, 2021 08:51:54.127437115 CET | 80          | 49729     | 104.16.155.36  | 192.168.2.7    |
| Feb 2, 2021 08:51:54.347234964 CET | 49729       | 80        | 192.168.2.7    | 104.16.155.36  |
| Feb 2, 2021 08:51:54.375992060 CET | 80          | 49729     | 104.16.155.36  | 192.168.2.7    |
| Feb 2, 2021 08:51:54.376856089 CET | 49729       | 80        | 192.168.2.7    | 104.16.155.36  |
| Feb 2, 2021 08:52:04.636801958 CET | 49731       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:04.696549892 CET | 80          | 49731     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:04.696633101 CET | 49731       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:04.697185040 CET | 49731       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:04.757730961 CET | 80          | 49731     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:04.757770061 CET | 80          | 49731     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:04.757795095 CET | 80          | 49731     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:04.757899046 CET | 49731       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:04.758519888 CET | 49731       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:04.817929983 CET | 80          | 49731     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:05.157845974 CET | 49732       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:05.216881037 CET | 80          | 49732     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:05.217084885 CET | 49732       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:05.217569113 CET | 49732       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:05.276770115 CET | 80          | 49732     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:05.276901960 CET | 80          | 49732     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:05.276920080 CET | 80          | 49732     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:05.276995897 CET | 49732       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:05.277327061 CET | 49732       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:05.338064909 CET | 80          | 49732     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:13.048981905 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.095045090 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.095906973 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.155304909 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.201467037 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.208401918 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.208453894 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.208547115 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.221199989 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.268449068 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.269627094 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.317687988 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.393908024 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.439867020 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.497458935 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.551959991 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.723737001 CET | 49734       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:13.783137083 CET | 80          | 49734     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:13.783849001 CET | 49734       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:13.783994913 CET | 49734       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:13.844903946 CET | 80          | 49734     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:13.845175028 CET | 80          | 49734     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:13.845184088 CET | 80          | 49734     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:13.845391035 CET | 49734       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:13.845911980 CET | 49734       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:13.846653938 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:13.892366886 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.905188084 CET | 80          | 49734     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:13.925117970 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:13.973860979 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:14.101875067 CET | 49735       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.161318064 CET | 80          | 49735     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:14.162257910 CET | 49735       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.162292004 CET | 49735       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.221921921 CET | 80          | 49735     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:14.221944094 CET | 80          | 49735     | 131.186.113.70 | 192.168.2.7    |

| Timestamp                          | Source Port | Dest Port | Source IP      | Dest IP        |
|------------------------------------|-------------|-----------|----------------|----------------|
| Feb 2, 2021 08:52:14.221972942 CET | 80          | 49735     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:14.222125053 CET | 49735       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.222654104 CET | 49735       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.223448992 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:14.282454967 CET | 80          | 49735     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:14.286712885 CET | 443         | 49733     | 104.21.19.200  | 192.168.2.7    |
| Feb 2, 2021 08:52:14.333252907 CET | 49733       | 443       | 192.168.2.7    | 104.21.19.200  |
| Feb 2, 2021 08:52:14.451637030 CET | 49736       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.510814905 CET | 80          | 49736     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:14.510978937 CET | 49736       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.511794090 CET | 49736       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.571150064 CET | 80          | 49736     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:14.571176052 CET | 80          | 49736     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:14.571185112 CET | 80          | 49736     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:14.571312904 CET | 49736       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.571866989 CET | 49736       | 80        | 192.168.2.7    | 131.186.113.70 |
| Feb 2, 2021 08:52:14.632783890 CET | 80          | 49736     | 131.186.113.70 | 192.168.2.7    |
| Feb 2, 2021 08:52:22.430808067 CET | 49741       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.430866003 CET | 49740       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.621337891 CET | 587         | 49740     | 199.193.7.228  | 192.168.2.7    |
| Feb 2, 2021 08:52:22.621368885 CET | 587         | 49741     | 199.193.7.228  | 192.168.2.7    |
| Feb 2, 2021 08:52:22.621531963 CET | 49740       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.621571064 CET | 49741       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.646863937 CET | 49741       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.813158989 CET | 587         | 49740     | 199.193.7.228  | 192.168.2.7    |
| Feb 2, 2021 08:52:22.813167095 CET | 587         | 49741     | 199.193.7.228  | 192.168.2.7    |
| Feb 2, 2021 08:52:22.813273907 CET | 49741       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.813688993 CET | 49740       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.837110043 CET | 587         | 49741     | 199.193.7.228  | 192.168.2.7    |
| Feb 2, 2021 08:52:22.837198019 CET | 49741       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.837585926 CET | 587         | 49741     | 199.193.7.228  | 192.168.2.7    |
| Feb 2, 2021 08:52:22.837647915 CET | 49741       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:22.881418943 CET | 49740       | 587       | 192.168.2.7    | 199.193.7.228  |
| Feb 2, 2021 08:52:23.003695965 CET | 587         | 49740     | 199.193.7.228  | 192.168.2.7    |
| Feb 2, 2021 08:52:23.004148006 CET | 587         | 49740     | 199.193.7.228  | 192.168.2.7    |

## UDP Packets

| Timestamp                          | Source Port | Dest Port | Source IP   | Dest IP     |
|------------------------------------|-------------|-----------|-------------|-------------|
| Feb 2, 2021 08:51:30.116107941 CET | 58717       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:30.172230959 CET | 53          | 58717     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:31.337563992 CET | 59762       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:31.400734901 CET | 53          | 59762     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:32.221174002 CET | 54329       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:32.273967981 CET | 53          | 54329     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:33.975642920 CET | 58052       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:34.026186943 CET | 53          | 58052     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:35.326277971 CET | 54008       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:35.374140978 CET | 53          | 54008     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:38.306018114 CET | 59451       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:38.362137079 CET | 53          | 59451     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:39.282435894 CET | 52914       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:39.335496902 CET | 53          | 52914     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:40.727047920 CET | 64569       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:40.777889967 CET | 53          | 64569     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:42.254206896 CET | 52816       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:42.310305119 CET | 53          | 52816     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:43.344412088 CET | 50781       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:43.392345905 CET | 53          | 50781     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:44.466734886 CET | 54230       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:44.516629934 CET | 53          | 54230     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:51:45.447211981 CET | 54911       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:45.477125883 CET | 49958       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:51:45.505021095 CET | 53          | 54911     | 8.8.8.8     | 192.168.2.7 |

| Timestamp                          | Source Port | Dest Port | Source IP   | Dest IP     |
|------------------------------------|-------------|-----------|-------------|-------------|
| Feb 2, 2021 08:51:45.529052973 CET | 53          | 49958     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:51:46.893997908 CET | 50860       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:51:46.941816092 CET | 53          | 50860     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:51:48.213689089 CET | 50452       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:51:48.261679888 CET | 53          | 50452     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:51:50.513789892 CET | 59730       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:51:50.572828054 CET | 53          | 59730     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:51:52.579267979 CET | 59310       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:51:52.630502939 CET | 53          | 59310     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:51:53.379492044 CET | 51919       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:51:53.438116074 CET | 53          | 51919     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:51:53.900830984 CET | 64296       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:51:53.960005045 CET | 53          | 64296     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:00.056057930 CET | 56680       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:00.112185001 CET | 53          | 56680     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:04.437439919 CET | 58820       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:04.487238884 CET | 53          | 58820     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:04.516426086 CET | 60983       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:04.566323042 CET | 53          | 60983     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:12.981060028 CET | 49247       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:13.041534901 CET | 53          | 49247     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:17.680474997 CET | 52286       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:17.738408089 CET | 53          | 52286     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:17.837726116 CET | 56064       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:17.900806904 CET | 53          | 56064     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:18.850114107 CET | 63744       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:18.898106098 CET | 53          | 63744     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:22.276596069 CET | 61457       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:22.335807085 CET | 53          | 61457     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:23.339813948 CET | 58367       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:23.400106907 CET | 53          | 58367     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:24.584064960 CET | 60599       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:24.643059969 CET | 53          | 60599     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:25.612889051 CET | 59571       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:25.671786070 CET | 53          | 59571     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:27.152910948 CET | 52689       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:27.212202072 CET | 53          | 52689     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:28.490356922 CET | 50290       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:28.546897888 CET | 53          | 50290     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:30.280812979 CET | 60427       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:30.337150097 CET | 53          | 60427     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:32.047787905 CET | 56209       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:32.104201078 CET | 53          | 56209     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:33.669477940 CET | 59582       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:33.717605114 CET | 53          | 59582     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:33.987025976 CET | 60949       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:34.043262005 CET | 53          | 60949     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:36.163332939 CET | 58542       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:36.223865032 CET | 53          | 58542     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:37.289861917 CET | 59179       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:37.348948956 CET | 53          | 59179     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:38.025207043 CET | 60927       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:38.086824894 CET | 53          | 60927     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:40.204969883 CET | 57854       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:40.252991915 CET | 53          | 57854     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:40.299511909 CET | 62026       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:40.356125116 CET | 53          | 62026     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:40.632177114 CET | 59453       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:40.688971043 CET | 53          | 59453     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:42.364404917 CET | 62468       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:42.421161890 CET | 53          | 62468     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:43.485554934 CET | 52563       | 53        | 192.168.2.7 | 8.8.8       |
| Feb 2, 2021 08:52:43.541801929 CET | 53          | 52563     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:44.979003906 CET | 54721       | 53        | 192.168.2.7 | 8.8.8       |

| Timestamp                          | Source Port | Dest Port | Source IP   | Dest IP     |
|------------------------------------|-------------|-----------|-------------|-------------|
| Feb 2, 2021 08:52:45.028855085 CET | 53          | 54721     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:52:47.347949982 CET | 62826       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:52:47.405642033 CET | 53          | 62826     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:52:47.588212013 CET | 62046       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:52:47.647037029 CET | 53          | 62046     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:52:50.374495983 CET | 51223       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:52:50.431301117 CET | 53          | 51223     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:52:50.658818007 CET | 63908       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:52:50.706617117 CET | 53          | 63908     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:52:53.261665106 CET | 49226       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:52:53.313534021 CET | 53          | 49226     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:52:56.275100946 CET | 60212       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:52:56.331607103 CET | 53          | 60212     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:52:59.256263018 CET | 58867       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:52:59.312505007 CET | 53          | 58867     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:52:59.423389912 CET | 50864       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:52:59.482912064 CET | 53          | 50864     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:00.292697906 CET | 61504       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:00.353419065 CET | 53          | 61504     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:01.004070044 CET | 60231       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:01.060314894 CET | 53          | 60231     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:02.156910896 CET | 50095       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:02.204837084 CET | 53          | 50095     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:05.881093979 CET | 59654       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:05.928864956 CET | 53          | 59654     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:09.224340916 CET | 58233       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:09.281547070 CET | 53          | 58233     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:10.724493980 CET | 56822       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:10.772320032 CET | 53          | 56822     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:18.055473089 CET | 62572       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:18.103461981 CET | 53          | 62572     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:20.778110027 CET | 57179       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:20.837517023 CET | 53          | 57179     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:24.139029980 CET | 56124       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:24.195363045 CET | 53          | 56124     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:26.415201902 CET | 62287       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:26.463123083 CET | 53          | 62287     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:26.516926050 CET | 54644       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:26.564953089 CET | 53          | 54644     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:27.549843073 CET | 59159       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:27.599453926 CET | 53          | 59159     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:35.453262091 CET | 57924       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:35.512851000 CET | 53          | 57924     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:35.593250036 CET | 51712       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:35.649574995 CET | 53          | 51712     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:38.249537945 CET | 58865       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:38.297360897 CET | 53          | 58865     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:42.031311989 CET | 64337       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:42.090331078 CET | 53          | 64337     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:45.081511021 CET | 50407       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:45.116350889 CET | 61075       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:53:45.140338898 CET | 53          | 50407     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:53:45.172378063 CET | 53          | 61075     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:12.793908119 CET | 54952       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:12.842149973 CET | 53          | 54952     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:15.301547050 CET | 59186       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:15.354489088 CET | 53          | 59186     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:15.887363911 CET | 52280       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:15.948564053 CET | 53          | 52280     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:19.049554110 CET | 51794       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:19.097718954 CET | 53          | 51794     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:22.277606964 CET | 50815       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:22.327384949 CET | 53          | 50815     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:23.821609020 CET | 58498       | 53        | 192.168.2.7 | 8.8.8.8     |

| Timestamp                          | Source Port | Dest Port | Source IP   | Dest IP     |
|------------------------------------|-------------|-----------|-------------|-------------|
| Feb 2, 2021 08:54:23.880672932 CET | 53          | 58498     | 8.8.8       | 192.168.2.7 |
| Feb 2, 2021 08:54:33.298855066 CET | 56862       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:33.360323906 CET | 53          | 56862     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:36.197577953 CET | 61807       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:36.201062918 CET | 52009       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:36.256642103 CET | 53          | 61807     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:36.260183096 CET | 53          | 52009     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:38.931622028 CET | 58648       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:38.991988897 CET | 53          | 58648     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:40.716998100 CET | 59337       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:40.767158031 CET | 53          | 59337     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:41.961437941 CET | 59269       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:42.011138916 CET | 53          | 59269     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:43.813313961 CET | 49802       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:43.863847971 CET | 53          | 49802     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:48.922760010 CET | 50706       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:48.980370045 CET | 53          | 50706     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:51.820154905 CET | 55153       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:51.831574917 CET | 59744       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:51.876228094 CET | 53          | 55153     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:51.879745960 CET | 53          | 59744     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:54.559792995 CET | 59987       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:54.580755949 CET | 61272       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:54.609613895 CET | 53          | 59987     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:54.630439997 CET | 53          | 61272     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:57.268471956 CET | 54352       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:57.316422939 CET | 53          | 54352     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:54:57.419401884 CET | 60696       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:54:57.477765083 CET | 53          | 60696     | 8.8.8.8     | 192.168.2.7 |
| Feb 2, 2021 08:55:11.386878967 CET | 59139       | 53        | 192.168.2.7 | 8.8.8.8     |
| Feb 2, 2021 08:55:11.436451912 CET | 53          | 59139     | 8.8.8.8     | 192.168.2.7 |

## DNS Queries

| Timestamp                          | Source IP   | Dest IP | Trans ID | OP Code            | Name                     | Type                 | Class       |
|------------------------------------|-------------|---------|----------|--------------------|--------------------------|----------------------|-------------|
| Feb 2, 2021 08:51:53.379492044 CET | 192.168.2.7 | 8.8.8   | 0xf445   | Standard query (0) | 69.170.12.0.in-addr.arpa | PTR (Pointer record) | IN (0x0001) |
| Feb 2, 2021 08:51:53.900830984 CET | 192.168.2.7 | 8.8.8   | 0x6da6   | Standard query (0) | whatismyipaddress.com    | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:04.437439919 CET | 192.168.2.7 | 8.8.8   | 0x6b02   | Standard query (0) | checkip.dyndns.org       | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:04.516426086 CET | 192.168.2.7 | 8.8.8   | 0xc21c   | Standard query (0) | checkip.dyndns.org       | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:12.981060028 CET | 192.168.2.7 | 8.8.8   | 0x872a   | Standard query (0) | freegeoip.app            | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:22.276596069 CET | 192.168.2.7 | 8.8.8   | 0x849c   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:23.339813948 CET | 192.168.2.7 | 8.8.8   | 0xb3be   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:24.584064960 CET | 192.168.2.7 | 8.8.8   | 0x9e74   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:25.612889051 CET | 192.168.2.7 | 8.8.8   | 0x52d5   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:27.152910948 CET | 192.168.2.7 | 8.8.8   | 0xc1d8   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:28.490356922 CET | 192.168.2.7 | 8.8.8   | 0xc3b0   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:30.280812979 CET | 192.168.2.7 | 8.8.8   | 0x9914   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:32.047787905 CET | 192.168.2.7 | 8.8.8   | 0x276    | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:33.987025976 CET | 192.168.2.7 | 8.8.8   | 0xd60a   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:36.163332939 CET | 192.168.2.7 | 8.8.8   | 0xb80c   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:37.289861917 CET | 192.168.2.7 | 8.8.8   | 0xcfef2  | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:38.025207043 CET | 192.168.2.7 | 8.8.8   | 0x220e   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |

| Timestamp                          | Source IP   | Dest IP | Trans ID | OP Code            | Name                     | Type                 | Class       |
|------------------------------------|-------------|---------|----------|--------------------|--------------------------|----------------------|-------------|
| Feb 2, 2021 08:52:40.204969883 CET | 192.168.2.7 | 8.8.8   | 0x91f5   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:40.299511909 CET | 192.168.2.7 | 8.8.8   | 0xfe1e   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:40.632177114 CET | 192.168.2.7 | 8.8.8   | 0xfc0e   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:42.364404917 CET | 192.168.2.7 | 8.8.8   | 0x368e   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:43.485554934 CET | 192.168.2.7 | 8.8.8   | 0xe0c2   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:44.979003906 CET | 192.168.2.7 | 8.8.8   | 0xbda6   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:47.347949982 CET | 192.168.2.7 | 8.8.8   | 0x1787   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:47.588212013 CET | 192.168.2.7 | 8.8.8   | 0x3404   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:50.374495983 CET | 192.168.2.7 | 8.8.8   | 0x3390   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:50.658818007 CET | 192.168.2.7 | 8.8.8   | 0x9a1a   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:53.261665106 CET | 192.168.2.7 | 8.8.8   | 0x7125   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:56.275100946 CET | 192.168.2.7 | 8.8.8   | 0xca4    | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:59.256263018 CET | 192.168.2.7 | 8.8.8   | 0xb67f   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:52:59.423389912 CET | 192.168.2.7 | 8.8.8   | 0xe5c5   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:00.292697906 CET | 192.168.2.7 | 8.8.8   | 0x1a9c   | Standard query (0) | 69.170.12.0.in-addr.arpa | PTR (Pointer record) | IN (0x0001) |
| Feb 2, 2021 08:53:01.004070044 CET | 192.168.2.7 | 8.8.8   | 0x3e9    | Standard query (0) | whatismyip address.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:02.156910896 CET | 192.168.2.7 | 8.8.8   | 0x747f   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:05.881093979 CET | 192.168.2.7 | 8.8.8   | 0x7f71   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:09.224340916 CET | 192.168.2.7 | 8.8.8   | 0x3367   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:18.055473089 CET | 192.168.2.7 | 8.8.8   | 0x249a   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:20.778110027 CET | 192.168.2.7 | 8.8.8   | 0x89c8   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:24.139029980 CET | 192.168.2.7 | 8.8.8   | 0x2a46   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:26.415201902 CET | 192.168.2.7 | 8.8.8   | 0x1132   | Standard query (0) | checkip.dy ndns.org      | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:26.516926050 CET | 192.168.2.7 | 8.8.8   | 0x667a   | Standard query (0) | checkip.dy ndns.org      | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:27.549843073 CET | 192.168.2.7 | 8.8.8   | 0x43b4   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:35.453262091 CET | 192.168.2.7 | 8.8.8   | 0xba64   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:35.593250036 CET | 192.168.2.7 | 8.8.8   | 0xbb55   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:38.249537945 CET | 192.168.2.7 | 8.8.8   | 0x74bc   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:42.031311989 CET | 192.168.2.7 | 8.8.8   | 0x3d6a   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:45.081511021 CET | 192.168.2.7 | 8.8.8   | 0x68c3   | Standard query (0) | freegeoip.app            | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:53:45.116350889 CET | 192.168.2.7 | 8.8.8   | 0x5a1f   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:54:12.793908119 CET | 192.168.2.7 | 8.8.8   | 0xcb32   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:54:15.887363911 CET | 192.168.2.7 | 8.8.8   | 0xe537   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:54:19.049554110 CET | 192.168.2.7 | 8.8.8   | 0x224f   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:54:22.277606964 CET | 192.168.2.7 | 8.8.8   | 0xd7e    | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:54:23.821609020 CET | 192.168.2.7 | 8.8.8   | 0xaef0   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |
| Feb 2, 2021 08:54:33.298855066 CET | 192.168.2.7 | 8.8.8   | 0xa8a1   | Standard query (0) | smtp.priva teemail.com   | A (IP address)       | IN (0x0001) |

| Timestamp                          | Source IP   | Dest IP | Trans ID | OP Code            | Name                   | Type           | Class       |
|------------------------------------|-------------|---------|----------|--------------------|------------------------|----------------|-------------|
| Feb 2, 2021 08:54:36.197577953 CET | 192.168.2.7 | 8.8.8   | 0x92d2   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:36.201062918 CET | 192.168.2.7 | 8.8.8   | 0x2b45   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:38.931622028 CET | 192.168.2.7 | 8.8.8   | 0x874f   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:40.716998100 CET | 192.168.2.7 | 8.8.8   | 0xc8e5   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:41.961437941 CET | 192.168.2.7 | 8.8.8   | 0x53c9   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:43.813313961 CET | 192.168.2.7 | 8.8.8   | 0xca13   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:48.922760010 CET | 192.168.2.7 | 8.8.8   | 0xc966   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:51.820154905 CET | 192.168.2.7 | 8.8.8   | 0xba1a   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:51.831574917 CET | 192.168.2.7 | 8.8.8   | 0xecd6   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:54.559792995 CET | 192.168.2.7 | 8.8.8   | 0x5da3   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:54.580755949 CET | 192.168.2.7 | 8.8.8   | 0xee93   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:57.268471956 CET | 192.168.2.7 | 8.8.8   | 0x756b   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:54:57.419401884 CET | 192.168.2.7 | 8.8.8   | 0xaa2b   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |
| Feb 2, 2021 08:55:11.386878967 CET | 192.168.2.7 | 8.8.8   | 0x1733   | Standard query (0) | smtp.priva teemail.com | A (IP address) | IN (0x0001) |

## DNS Answers

| Timestamp                          | Source IP | Dest IP     | Trans ID | Reply Code     | Name                     | CName              | Address        | Type                   | Class       |
|------------------------------------|-----------|-------------|----------|----------------|--------------------------|--------------------|----------------|------------------------|-------------|
| Feb 2, 2021 08:51:53.438116074 CET | 8.8.8     | 192.168.2.7 | 0xf445   | Name error (3) | 69.170.12.0.in-addr.arpa | none               | none           | PTR (Pointer record)   | IN (0x0001) |
| Feb 2, 2021 08:51:53.960005045 CET | 8.8.8     | 192.168.2.7 | 0x6da6   | No error (0)   | whatismyip address.com   |                    | 104.16.155.36  | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:51:53.960005045 CET | 8.8.8     | 192.168.2.7 | 0x6da6   | No error (0)   | whatismyip address.com   |                    | 104.16.154.36  | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.487238884 CET | 8.8.8     | 192.168.2.7 | 0x6b02   | No error (0)   | checkip.dy ndns.org      | checkip.dyndns.com |                | CNAME (Canonical name) | IN (0x0001) |
| Feb 2, 2021 08:52:04.487238884 CET | 8.8.8     | 192.168.2.7 | 0x6b02   | No error (0)   | checkip.dy ndns.com      |                    | 131.186.113.70 | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.487238884 CET | 8.8.8     | 192.168.2.7 | 0x6b02   | No error (0)   | checkip.dy ndns.com      |                    | 216.146.43.70  | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.487238884 CET | 8.8.8     | 192.168.2.7 | 0x6b02   | No error (0)   | checkip.dy ndns.com      |                    | 216.146.43.71  | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.487238884 CET | 8.8.8     | 192.168.2.7 | 0x6b02   | No error (0)   | checkip.dy ndns.com      |                    | 162.88.193.70  | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.487238884 CET | 8.8.8     | 192.168.2.7 | 0x6b02   | No error (0)   | checkip.dy ndns.com      |                    | 131.186.161.70 | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.566323042 CET | 8.8.8     | 192.168.2.7 | 0xc21c   | No error (0)   | checkip.dy ndns.org      | checkip.dyndns.com |                | CNAME (Canonical name) | IN (0x0001) |
| Feb 2, 2021 08:52:04.566323042 CET | 8.8.8     | 192.168.2.7 | 0xc21c   | No error (0)   | checkip.dy ndns.com      |                    | 216.146.43.70  | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.566323042 CET | 8.8.8     | 192.168.2.7 | 0xc21c   | No error (0)   | checkip.dy ndns.com      |                    | 131.186.113.70 | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.566323042 CET | 8.8.8     | 192.168.2.7 | 0xc21c   | No error (0)   | checkip.dy ndns.com      |                    | 162.88.193.70  | A (IP address)         | IN (0x0001) |
| Feb 2, 2021 08:52:04.566323042 CET | 8.8.8     | 192.168.2.7 | 0xc21c   | No error (0)   | checkip.dy ndns.com      |                    | 216.146.43.71  | A (IP address)         | IN (0x0001) |

| Timestamp                                | Source IP | Dest IP     | Trans ID | Reply Code   | Name                      | CName | Address        | Type           | Class       |
|--|-----------|-------------|----------|--------------|---------------------------|-------|----------------|----------------|-------------|
| Feb 2, 2021<br>08:52:04.566323042<br>CET | 8.8.8.8   | 192.168.2.7 | 0xc21c   | No error (0) | checkip.dy<br>ndns.com    |       | 131.186.161.70 | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:13.041534901<br>CET | 8.8.8.8   | 192.168.2.7 | 0x872a   | No error (0) | freegeoip.app             |       | 104.21.19.200  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:13.041534901<br>CET | 8.8.8.8   | 192.168.2.7 | 0x872a   | No error (0) | freegeoip.app             |       | 172.67.188.154 | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:22.335807085<br>CET | 8.8.8.8   | 192.168.2.7 | 0x849c   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:23.400106907<br>CET | 8.8.8.8   | 192.168.2.7 | 0xb3be   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:24.643059969<br>CET | 8.8.8.8   | 192.168.2.7 | 0x9e74   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:25.671786070<br>CET | 8.8.8.8   | 192.168.2.7 | 0x52d5   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:27.212202072<br>CET | 8.8.8.8   | 192.168.2.7 | 0xc1d8   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:28.546897888<br>CET | 8.8.8.8   | 192.168.2.7 | 0xc3b0   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:30.337150097<br>CET | 8.8.8.8   | 192.168.2.7 | 0x9914   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:32.104201078<br>CET | 8.8.8.8   | 192.168.2.7 | 0x276    | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:34.043262005<br>CET | 8.8.8.8   | 192.168.2.7 | 0xd60a   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:36.223865032<br>CET | 8.8.8.8   | 192.168.2.7 | 0xb80c   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:37.348948956<br>CET | 8.8.8.8   | 192.168.2.7 | 0xcfef2  | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:38.086824894<br>CET | 8.8.8.8   | 192.168.2.7 | 0x220e   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:40.252991915<br>CET | 8.8.8.8   | 192.168.2.7 | 0x91f5   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:40.356125116<br>CET | 8.8.8.8   | 192.168.2.7 | 0xfe1e   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:40.688971043<br>CET | 8.8.8.8   | 192.168.2.7 | 0xfc0e   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:42.421161890<br>CET | 8.8.8.8   | 192.168.2.7 | 0x368e   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:43.541801929<br>CET | 8.8.8.8   | 192.168.2.7 | 0xe0c2   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:45.028855085<br>CET | 8.8.8.8   | 192.168.2.7 | 0xbda6   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:47.405642033<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1787   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:47.647037029<br>CET | 8.8.8.8   | 192.168.2.7 | 0x3404   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:50.431301117<br>CET | 8.8.8.8   | 192.168.2.7 | 0x3390   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:50.706617117<br>CET | 8.8.8.8   | 192.168.2.7 | 0x9a1a   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:52:53.313534021<br>CET | 8.8.8.8   | 192.168.2.7 | 0x7125   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |

| Timestamp                                | Source IP | Dest IP     | Trans ID | Reply Code     | Name                         | CName              | Address        | Type                         | Class       |
|--|-----------|-------------|----------|----------------|------------------------------|--------------------|----------------|------------------------------|-------------|
| Feb 2, 2021<br>08:52:56.331607103<br>CET | 8.8.8.8   | 192.168.2.7 | 0xca4    | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:52:59.312505007<br>CET | 8.8.8.8   | 192.168.2.7 | 0xb67f   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:52:59.482912064<br>CET | 8.8.8.8   | 192.168.2.7 | 0xe5c5   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:00.353419065<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1a9c   | Name error (3) | 69.170.12.0.in-<br>addr.arpa | none               | none           | PTR (Pointer<br>record)      | IN (0x0001) |
| Feb 2, 2021<br>08:53:01.060314894<br>CET | 8.8.8.8   | 192.168.2.7 | 0x3e9    | No error (0)   | whatismyip<br>address.com    |                    | 104.16.155.36  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:01.060314894<br>CET | 8.8.8.8   | 192.168.2.7 | 0x3e9    | No error (0)   | whatismyip<br>address.com    |                    | 104.16.154.36  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:02.204837084<br>CET | 8.8.8.8   | 192.168.2.7 | 0x747f   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:05.928864956<br>CET | 8.8.8.8   | 192.168.2.7 | 0x7f71   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:09.281547070<br>CET | 8.8.8.8   | 192.168.2.7 | 0x3367   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:18.103461981<br>CET | 8.8.8.8   | 192.168.2.7 | 0x249a   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:20.837517023<br>CET | 8.8.8.8   | 192.168.2.7 | 0x89c8   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:24.195363045<br>CET | 8.8.8.8   | 192.168.2.7 | 0x2a46   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.463123083<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1132   | No error (0)   | checkip.dy<br>ndns.org       | checkip.dyndns.com |                | CNAME<br>(Canonical<br>name) | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.463123083<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1132   | No error (0)   | checkip.dy<br>ndns.com       |                    | 216.146.43.70  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.463123083<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1132   | No error (0)   | checkip.dy<br>ndns.com       |                    | 131.186.113.70 | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.463123083<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1132   | No error (0)   | checkip.dy<br>ndns.com       |                    | 162.88.193.70  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.463123083<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1132   | No error (0)   | checkip.dy<br>ndns.com       |                    | 216.146.43.71  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.463123083<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1132   | No error (0)   | checkip.dy<br>ndns.com       |                    | 131.186.161.70 | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.564953089<br>CET | 8.8.8.8   | 192.168.2.7 | 0x667a   | No error (0)   | checkip.dy<br>ndns.org       | checkip.dyndns.com |                | CNAME<br>(Canonical<br>name) | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.564953089<br>CET | 8.8.8.8   | 192.168.2.7 | 0x667a   | No error (0)   | checkip.dy<br>ndns.com       |                    | 131.186.113.70 | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.564953089<br>CET | 8.8.8.8   | 192.168.2.7 | 0x667a   | No error (0)   | checkip.dy<br>ndns.com       |                    | 216.146.43.70  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.564953089<br>CET | 8.8.8.8   | 192.168.2.7 | 0x667a   | No error (0)   | checkip.dy<br>ndns.com       |                    | 216.146.43.71  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.564953089<br>CET | 8.8.8.8   | 192.168.2.7 | 0x667a   | No error (0)   | checkip.dy<br>ndns.com       |                    | 162.88.193.70  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:26.564953089<br>CET | 8.8.8.8   | 192.168.2.7 | 0x667a   | No error (0)   | checkip.dy<br>ndns.com       |                    | 131.186.161.70 | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:27.599453926<br>CET | 8.8.8.8   | 192.168.2.7 | 0x43b4   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |
| Feb 2, 2021<br>08:53:35.512851000<br>CET | 8.8.8.8   | 192.168.2.7 | 0xba64   | No error (0)   | smtp.priva<br>teemail.com    |                    | 199.193.7.228  | A (IP address)               | IN (0x0001) |

| Timestamp                                | Source IP | Dest IP     | Trans ID | Reply Code   | Name                      | CName | Address        | Type           | Class       |
|--|-----------|-------------|----------|--------------|---------------------------|-------|----------------|----------------|-------------|
| Feb 2, 2021<br>08:53:35.649574995<br>CET | 8.8.8.8   | 192.168.2.7 | 0xbb55   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:53:38.297360897<br>CET | 8.8.8.8   | 192.168.2.7 | 0x74bc   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:53:42.090331078<br>CET | 8.8.8.8   | 192.168.2.7 | 0x3d6a   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:53:45.140338898<br>CET | 8.8.8.8   | 192.168.2.7 | 0x68c3   | No error (0) | freegeoip.app             |       | 104.21.19.200  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:53:45.140338898<br>CET | 8.8.8.8   | 192.168.2.7 | 0x68c3   | No error (0) | freegeoip.app             |       | 172.67.188.154 | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:53:45.172378063<br>CET | 8.8.8.8   | 192.168.2.7 | 0x5a1f   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:12.842149973<br>CET | 8.8.8.8   | 192.168.2.7 | 0xcb32   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:15.948564053<br>CET | 8.8.8.8   | 192.168.2.7 | 0xe537   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:19.097718954<br>CET | 8.8.8.8   | 192.168.2.7 | 0x224f   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:22.327384949<br>CET | 8.8.8.8   | 192.168.2.7 | 0xd7e    | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:23.880672932<br>CET | 8.8.8.8   | 192.168.2.7 | 0xaef0   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:33.360323906<br>CET | 8.8.8.8   | 192.168.2.7 | 0xa8a1   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:36.256642103<br>CET | 8.8.8.8   | 192.168.2.7 | 0x92d2   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:36.260183096<br>CET | 8.8.8.8   | 192.168.2.7 | 0x2b45   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:38.991988897<br>CET | 8.8.8.8   | 192.168.2.7 | 0x874f   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:40.767158031<br>CET | 8.8.8.8   | 192.168.2.7 | 0xc8e5   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:42.011138916<br>CET | 8.8.8.8   | 192.168.2.7 | 0x53c9   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:43.863847971<br>CET | 8.8.8.8   | 192.168.2.7 | 0xca13   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:48.980370045<br>CET | 8.8.8.8   | 192.168.2.7 | 0xc966   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:51.876228094<br>CET | 8.8.8.8   | 192.168.2.7 | 0xba1a   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:51.879745960<br>CET | 8.8.8.8   | 192.168.2.7 | 0xecd6   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:54.609613895<br>CET | 8.8.8.8   | 192.168.2.7 | 0x5da3   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:54.630439997<br>CET | 8.8.8.8   | 192.168.2.7 | 0xee93   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:57.316422939<br>CET | 8.8.8.8   | 192.168.2.7 | 0x756b   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:54:57.477765083<br>CET | 8.8.8.8   | 192.168.2.7 | 0xaa2b   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |
| Feb 2, 2021<br>08:55:11.436451912<br>CET | 8.8.8.8   | 192.168.2.7 | 0x1733   | No error (0) | smtp.priva<br>teemail.com |       | 199.193.7.228  | A (IP address) | IN (0x0001) |

## HTTP Request Dependency Graph

- whatismyipaddress.com
- checkip.dyndns.org

## HTTP Packets

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process  |
|------------|-------------|-------------|----------------|------------------|--|
| 0          | 192.168.2.7 | 49729       | 104.16.155.36  | 80               | C:\Users\user\AppData\Local\Temp\hawkgoods.exe |

| Timestamp                          | kBytes transferred | Direction | Data   |
|------------------------------------|--------------------|-----------|--|
| Feb 2, 2021 08:51:54.075356960 CET | 1007               | OUT       | GET / HTTP/1.1<br>Host: whatismyipaddress.com<br>Connection: Keep-Alive  |
| Feb 2, 2021 08:51:54.127437115 CET | 1008               | IN        | HTTP/1.1 403 Forbidden<br>Date: Tue, 02 Feb 2021 07:51:54 GMT<br>Content-Type: text/plain; charset=UTF-8<br>Content-Length: 16<br>Connection: keep-alive<br>X-Frame-Options: SAMEORIGIN<br>Cache-Control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0<br>Expires: Thu, 01 Jan 1970 00:00:01 GMT<br>Set-Cookie: __cfduid=de810853b8bb2cf1036f76079d68ccb1c1612252314; expires=Thu, 04-Mar-21 07:51:54 GMT; path=/; domain=.whatismyipaddress.com; HttpOnly; SameSite=Lax; Secure<br>cf-request-id: 08035311fa00000eb751133000000001<br>Server: cloudflare<br>CF-RAY: 61b254632f520eb7-FRA<br>alt-svc: h3-27=:443"; ma=86400, h3-28=:443"; ma=86400, h3-29=:443"; ma=86400<br>Data Raw: 65 72 72 6f 72 20 63 6f 64 65 3a 20 31 30 32 30<br>Data Ascii: error code: 1020 |
| Feb 2, 2021 08:51:54.375992060 CET | 1008               | IN        | HTTP/1.1 403 Forbidden<br>Date: Tue, 02 Feb 2021 07:51:54 GMT<br>Content-Type: text/plain; charset=UTF-8<br>Content-Length: 16<br>Connection: keep-alive<br>X-Frame-Options: SAMEORIGIN<br>Cache-Control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0<br>Expires: Thu, 01 Jan 1970 00:00:01 GMT<br>Set-Cookie: __cfduid=de810853b8bb2cf1036f76079d68ccb1c1612252314; expires=Thu, 04-Mar-21 07:51:54 GMT; path=/; domain=.whatismyipaddress.com; HttpOnly; SameSite=Lax; Secure<br>cf-request-id: 08035311fa00000eb751133000000001<br>Server: cloudflare<br>CF-RAY: 61b254632f520eb7-FRA<br>alt-svc: h3-27=:443"; ma=86400, h3-28=:443"; ma=86400, h3-29=:443"; ma=86400<br>Data Raw: 65 72 72 6f 72 20 63 6f 64 65 3a 20 31 30 32 30<br>Data Ascii: error code: 1020 |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process   |
|------------|-------------|-------------|----------------|------------------|---|
| 1          | 192.168.2.7 | 49731       | 131.186.113.70 | 80               | C:\Users\user\AppData\Local\Temp\Matixgoods.exe |

| Timestamp                          | kBytes transferred | Direction | Data   |
|------------------------------------|--------------------|-----------|--|
| Feb 2, 2021 08:52:04.697185040 CET | 1039               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org<br>Connection: Keep-Alive  |
| Feb 2, 2021 08:52:04.757770061 CET | 1039               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process   |
|------------|-------------|-------------|----------------|------------------|---|
| 10         | 192.168.2.7 | 49788       | 216.146.43.70  | 80               | C:\Users\user\AppData\Local\Temp\Matixgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:53:47.596793890 CET | 5141               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org  |
| Feb 2, 2021<br>08:53:47.669477940 CET | 5141               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br><br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br><br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process  |
|------------|-------------|-------------|----------------|------------------|--|
| 11         | 192.168.2.7 | 49789       | 216.146.43.70  | 80               | C:\Users\user\AppData\Local\Temp\Matiexgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:53:48.376410007 CET | 5143               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org  |
| Feb 2, 2021<br>08:53:48.450817108 CET | 5144               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br><br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br><br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process  |
|------------|-------------|-------------|----------------|------------------|--|
| 2          | 192.168.2.7 | 49732       | 131.186.113.70 | 80               | C:\Users\user\AppData\Local\Temp\Matiexgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:52:05.217569113 CET | 1040               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org  |
| Feb 2, 2021<br>08:52:05.276901960 CET | 1040               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br><br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br><br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process  |
|------------|-------------|-------------|----------------|------------------|--|
| 3          | 192.168.2.7 | 49734       | 131.186.113.70 | 80               | C:\Users\user\AppData\Local\Temp\Matiexgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:52:13.783994913 CET | 1046               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org  |
| Feb 2, 2021<br>08:52:13.845175028 CET | 1046               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br><br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br><br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process   |
|------------|-------------|-------------|----------------|------------------|---|
| 4          | 192.168.2.7 | 49735       | 131.186.113.70 | 80               | C:\Users\user\AppData\Local\Temp\Matixgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:52:14.162292004 CET | 1049               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org  |
| Feb 2, 2021<br>08:52:14.221944094 CET | 1049               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.2.0<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br><br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br><br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process   |
|------------|-------------|-------------|----------------|------------------|---|
| 5          | 192.168.2.7 | 49736       | 131.186.113.70 | 80               | C:\Users\user\AppData\Local\Temp\Matixgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:52:14.511794090 CET | 1051               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org  |
| Feb 2, 2021<br>08:52:14.571176052 CET | 1051               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br><br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br><br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process  |
|------------|-------------|-------------|----------------|------------------|--|
| 6          | 192.168.2.7 | 49769       | 104.16.155.36  | 80               | C:\Users\user\AppData\Local\Temp\hawkgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data  |
|---------------------------------------|--------------------|-----------|---|
| Feb 2, 2021<br>08:53:01.163186073 CET | 2529               | OUT       | GET / HTTP/1.1<br>Host: whatismyipaddress.com<br>Connection: Keep-Alive   |
| Feb 2, 2021<br>08:53:01.225852966 CET | 2530               | IN        | HTTP/1.1 403 Forbidden<br>Date: Tue, 02 Feb 2021 07:53:01 GMT<br>Content-Type: text/plain; charset=UTF-8<br>Content-Length: 16<br>Connection: keep-alive<br>X-Frame-Options: SAMEORIGIN<br>Cache-Control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0<br>Expires: Thu, 01 Jan 1970 00:00:01 GMT<br>Set-Cookie: __cfduid=d8412a81e43270e1884d4cbba2a07a91d1612252381; expires=Thu, 04-Mar-21 07:53:01 GMT; path=/; domain=.whatismyipaddress.com; HttpOnly; SameSite=Lax; Secure<br>cf-request-id: 080354181000001f3177225000000001<br>Server: cloudflare<br>CF-RAY: 61b256067e711f31-FRA<br>alt-svc: h3-27=".443"; ma=86400, h3-28=".443"; ma=86400, h3-29=".443"; ma=86400<br>Data Raw: 65 72 72 6f 72 20 63 6f 64 65 3a 20 31 30 32 30<br>Data Ascii: error code: 1020 |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process   |
|------------|-------------|-------------|----------------|------------------|---|
| 7          | 192.168.2.7 | 49777       | 216.146.43.70  | 80               | C:\Users\user\AppData\Local\Temp\Matixgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data  |
|---------------------------------------|--------------------|-----------|---|
| Feb 2, 2021<br>08:53:26.770868063 CET | 3778               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org<br>Connection: Keep-Alive |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:53:26.845346928 CET | 3778               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process   |
|------------|-------------|-------------|----------------|------------------|---|
| 8          | 192.168.2.7 | 49779       | 216.146.43.70  | 80               | C:\Users\user\AppData\Local\Temp\Matixgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:53:28.295042992 CET | 3780               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org  |
| Feb 2, 2021<br>08:53:28.368408918 CET | 3781               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| Session ID | Source IP   | Source Port | Destination IP | Destination Port | Process   |
|------------|-------------|-------------|----------------|------------------|---|
| 9          | 192.168.2.7 | 49787       | 216.146.43.70  | 80               | C:\Users\user\AppData\Local\Temp\Matixgoods.exe |

| Timestamp                             | kBytes transferred | Direction | Data   |
|---------------------------------------|--------------------|-----------|--|
| Feb 2, 2021<br>08:53:46.745872021 CET | 5135               | OUT       | GET / HTTP/1.1<br>User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.2; .NET CLR1.0.3705;)<br>Host: checkip.dyndns.org  |
| Feb 2, 2021<br>08:53:46.820859909 CET | 5136               | IN        | HTTP/1.1 200 OK<br>Content-Type: text/html<br>Server: DynDNS-CheckIP/1.0.1<br>Connection: close<br>Cache-Control: no-cache<br>Pragma: no-cache<br>Content-Length: 103<br>Data Raw: 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 3c 74 69 74 6c 65 3e 43 75 72 72 65 6e 74 20 49 50 20 43 68 65 63 6b 3c 2f 74 69 74 6c 65 3e 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 43 75 72 72 65 6e 74 20 49 50 20 41 64 64 72 65 73 73 3a 20 38 34 2e 31 37 2e 35 32 2e 37 34 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0d 0a<br>Data Ascii: <html><head><title>Current IP Check</title></head><body>Current IP Address: 84.17.52.74</body></html> |

| HTTPS Packets                         |               |             |             |           |  |  |  |  |   |                                  |  |
|---------------------------------------|---------------|-------------|-------------|-----------|--|--|--|--|---|----------------------------------|--|
| Timestamp                             | Source IP     | Source Port | Dest IP     | Dest Port | Subject  | Issuer   | Not Before   | Not After  | JA3 SSL Client Fingerprint  | JA3 SSL Client Digest            |  |
| Feb 2, 2021<br>08:52:13.208453894 CET | 104.21.19.200 | 443         | 192.168.2.7 | 49733     | CN=sni.cloudflaressl.com, O="Cloudflare, Inc.", L=San Francisco, ST=CA, C=US<br>CN=Cloudflare Inc ECC CA-3, O="Cloudflare, Inc.", C=US | CN=Cloudflare Inc ECC CA-3, O="Cloudflare, Inc.", C=US<br>CN=Baltimore CyberTrust Root, OU=CyberTrust, O=Baltimore, C=IE | Mon Aug 10 02:00:00 2020<br>Mon Jan 27 13:48:08 2020 | Tue Aug 10 14:00:00 2021<br>Wed Jan 01 00:59:59 CET 2025 | 769,49162-49161-49172-49171-53-47-10,0-10-11-35-23-65281,29-23-24,0 | 54328bd36c14bd82ddaa0c04b25ed9ad |  |

| Timestamp                          | Source IP     | Source Port | Dest IP     | Dest Port | Subject   | Issuer  | Not Before               | Not After                    | JA3 SSL Client Fingerprint  | JA3 SSL Client Digest            |
|------------------------------------|---------------|-------------|-------------|-----------|---|---|--------------------------|------------------------------|---|----------------------------------|
| Feb 2, 2021 08:53:45.447184086 CET | 104.21.19.200 | 443         | 192.168.2.7 | 49785     | CN=sni.cloudflaressl.com, O="Cloudflare, Inc.", L=San Francisco, ST=CA, C=US CN=Cloudflare Inc ECC CA-3, O="Cloudflare, Inc.", C=US | CN=Cloudflare Inc ECC CA-3, O="Cloudflare, Inc.", C=US CN=Baltimore CyberTrust Root, OU=CyberTrust, O=Baltimore, C=IE | Mon Aug 10 02:00:00 2020 | Tue Aug 10 14:00:00 2021     | 769,49162-49161-49172-49171-53-47-10,0-10-11-35-23-65281,29-23-24,0 | 54328bd36c14bd82ddaa0c04b25ed9ad |
|                                    |               |             |             |           | CN=Cloudflare Inc ECC CA-3, O="Cloudflare, Inc.", C=US  | CN=Baltimore CyberTrust Root, OU=CyberTrust, O=Baltimore, C=IE  | Mon Jan 27 13:48:08 2020 | Wed Jan 01 00:59:59 CET 2025 |   |                                  |

## SMTP Packets

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:52:22.813158989 CET | 587         | 49740     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:22.813167095 CET | 587         | 49741     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:22.813688993 CET | 49740       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:23.004148006 CET | 587         | 49740     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:23.785701990 CET | 587         | 49742     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:23.786706924 CET | 49742       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:23.980775118 CET | 587         | 49742     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:25.029432058 CET | 587         | 49743     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:25.030982018 CET | 49743       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:25.224092007 CET | 587         | 49743     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:26.059046984 CET | 587         | 49744     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:26.059510946 CET | 49744       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:26.250122070 CET | 587         | 49744     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:26.251414061 CET | 49744       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:26.441719055 CET | 587         | 49744     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:27.599121094 CET | 587         | 49745     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:27.599586964 CET | 49745       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:27.791764021 CET | 587         | 49745     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:28.954073906 CET | 587         | 49746     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:28.984247923 CET | 49746       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:52:29.188302040 CET | 587         | 49746     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:29.188587904 CET | 49746       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:29.390053034 CET | 587         | 49746     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:30.722702980 CET | 587         | 49747     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:30.723046064 CET | 49747       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:30.913746119 CET | 587         | 49747     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:30.914057970 CET | 49747       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:31.104008913 CET | 587         | 49747     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:32.490869999 CET | 587         | 49748     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:32.491282940 CET | 49748       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:32.681601048 CET | 587         | 49748     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:32.682013988 CET | 49748       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:32.872016907 CET | 587         | 49748     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:34.427877903 CET | 587         | 49750     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:34.428292990 CET | 49750       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:34.618705034 CET | 587         | 49750     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:34.620052099 CET | 49750       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:34.809961081 CET | 587         | 49750     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:36.613873005 CET | 587         | 49751     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:36.614547968 CET | 49751       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:36.804939985 CET | 587         | 49751     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:36.805289984 CET | 49751       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:36.996551037 CET | 587         | 49751     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:37.736371040 CET | 587         | 49752     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:37.737236977 CET | 49752       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:37.928690910 CET | 587         | 49752     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:37.929166079 CET | 49752       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:38.122827053 CET | 587         | 49752     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:38.495201111 CET | 587         | 49753     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:38.495958090 CET | 49753       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:52:38.698676109 CET | 587         | 49753     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:38.705585957 CET | 49753       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:38.909257889 CET | 587         | 49753     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:40.640491962 CET | 587         | 49754     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:40.640836954 CET | 49754       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:40.742924929 CET | 587         | 49755     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:40.743376017 CET | 49755       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:40.832242012 CET | 587         | 49754     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:40.833101988 CET | 49754       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:40.936414957 CET | 587         | 49755     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:41.023488045 CET | 587         | 49754     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:41.073451996 CET | 587         | 49756     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:41.073873043 CET | 49756       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:41.264448881 CET | 587         | 49756     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:41.264954090 CET | 49756       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:41.454988003 CET | 587         | 49756     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:42.805581093 CET | 587         | 49757     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:42.808633089 CET | 49757       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:43.001002073 CET | 587         | 49757     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:43.001396894 CET | 49757       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:43.191638947 CET | 587         | 49757     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:43.927926064 CET | 587         | 49758     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:43.928359985 CET | 49758       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:44.119829893 CET | 587         | 49758     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:44.120193958 CET | 49758       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:44.310609102 CET | 587         | 49758     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:45.416155100 CET | 587         | 49759     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:45.416457891 CET | 49759       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:52:45.606834888 CET | 587         | 49759     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:45.607120991 CET | 49759       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:45.799350977 CET | 587         | 49759     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:47.812969923 CET | 587         | 49760     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:47.813316107 CET | 49760       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:48.015526056 CET | 587         | 49760     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:48.015924931 CET | 49760       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:48.031583071 CET | 587         | 49761     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:48.031898022 CET | 49761       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:48.217470884 CET | 587         | 49760     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:48.222242117 CET | 587         | 49761     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:48.225008965 CET | 49761       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:48.414846897 CET | 587         | 49761     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:50.819664001 CET | 587         | 49762     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:50.819951057 CET | 49762       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:51.013494968 CET | 587         | 49762     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:51.015211105 CET | 49762       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:51.091154099 CET | 587         | 49763     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:51.091501951 CET | 49763       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:51.207123995 CET | 587         | 49762     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:51.282040119 CET | 587         | 49763     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:51.282620907 CET | 49763       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:51.472697020 CET | 587         | 49763     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:53.700566053 CET | 587         | 49764     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:53.700826883 CET | 49764       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:53.891614914 CET | 587         | 49764     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:53.891880035 CET | 49764       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:54.082276106 CET | 587         | 49764     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:56.752723932 CET | 587         | 49765     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:56.753062010 CET | 49765       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:52:56.944964886 CET | 587         | 49765     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:56.945434093 CET | 49765       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:52:57.136822939 CET | 587         | 49765     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:52:59.741539001 CET | 587         | 49767     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:59.744452953 CET | 49767       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:59.900674105 CET | 587         | 49768     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:52:59.916116953 CET | 49768       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:52:59.948602915 CET | 587         | 49767     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:52:59.948976994 CET | 49767       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:00.122152090 CET | 587         | 49768     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:00.122442961 CET | 49768       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:00.152375937 CET | 587         | 49767     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:00.325570107 CET | 587         | 49768     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:02.618752956 CET | 587         | 49770     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:02.619087934 CET | 49770       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:02.809268951 CET | 587         | 49770     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:02.815468073 CET | 49770       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:03.005538940 CET | 587         | 49770     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:06.514214993 CET | 587         | 49771     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:06.514597893 CET | 49771       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:06.704798937 CET | 587         | 49771     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:06.705087900 CET | 49771       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:06.894906998 CET | 587         | 49771     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:09.670850992 CET | 587         | 49772     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:09.671189070 CET | 49772       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:09.863631010 CET | 587         | 49772     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:09.863991976 CET | 49772       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:10.054274082 CET | 587         | 49772     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:18.489265919 CET | 587         | 49774     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:18.489636898 CET | 49774       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:53:18.680254936 CET | 587         | 49774     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:18.680546045 CET | 49774       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:18.870492935 CET | 587         | 49774     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:21.223431110 CET | 587         | 49775     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:21.350620031 CET | 49775       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:21.541002035 CET | 587         | 49775     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:21.541326046 CET | 49775       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:21.733660936 CET | 587         | 49775     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:24.606659889 CET | 587         | 49776     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:24.607726097 CET | 49776       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:24.811074972 CET | 587         | 49776     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:24.811362028 CET | 49776       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:25.012739897 CET | 587         | 49776     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:27.989326000 CET | 587         | 49778     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:27.989716053 CET | 49778       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:28.180408955 CET | 587         | 49778     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:28.180705070 CET | 49778       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:28.373656034 CET | 587         | 49778     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:35.901496887 CET | 587         | 49780     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:35.901990891 CET | 49780       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:36.096594095 CET | 587         | 49780     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:36.097197056 CET | 49780       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:36.239164114 CET | 587         | 49782     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:36.239751101 CET | 587         | 49781     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:36.284514904 CET | 49782       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:36.284563065 CET | 49781       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:36.289796114 CET | 587         | 49780     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:36.486347914 CET | 587         | 49781     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:53:36.486578941 CET | 587         | 49782     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:36.486627102 CET | 49781       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:36.486783028 CET | 49782       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:36.687962055 CET | 587         | 49781     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:36.688091993 CET | 587         | 49782     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:38.683794975 CET | 587         | 49783     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:38.684241056 CET | 49783       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:38.877027988 CET | 587         | 49783     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:38.877393961 CET | 49783       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:39.067572117 CET | 587         | 49783     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:42.474970102 CET | 587         | 49784     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:42.475333929 CET | 49784       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:42.666105986 CET | 587         | 49784     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:42.666457891 CET | 49784       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:42.856486082 CET | 587         | 49784     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:53:45.580559969 CET | 587         | 49786     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:53:45.580796957 CET | 49786       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:53:45.782514095 CET | 587         | 49786     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:53:45.782795906 CET | 49786       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:53:45.984117031 CET | 587         | 49786     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:13.248991013 CET | 587         | 49790     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:13.249319077 CET | 49790       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:13.451119900 CET | 587         | 49790     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:13.451430082 CET | 49790       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:13.652879000 CET | 587         | 49790     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:16.356473923 CET | 587         | 49792     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:16.359440088 CET | 49792       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:16.551491976 CET | 587         | 49792     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:16.554924011 CET | 49792       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:16.747075081 CET | 587         | 49792     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:19.546262026 CET | 587         | 49793     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:19.546660900 CET | 49793       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:54:19.748264074 CET | 587         | 49793     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:19.748622894 CET | 49793       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:19.949882030 CET | 587         | 49793     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:22.712263107 CET | 587         | 49794     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:22.712584019 CET | 49794       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:22.903280020 CET | 587         | 49794     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:22.903708935 CET | 49794       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:23.094129086 CET | 587         | 49794     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:24.265650034 CET | 587         | 49795     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:24.266120911 CET | 49795       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:24.456612110 CET | 587         | 49795     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:24.456887007 CET | 49795       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:24.646842957 CET | 587         | 49795     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:33.747540951 CET | 587         | 49796     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:33.748317003 CET | 49796       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:33.940007925 CET | 587         | 49796     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:33.940270901 CET | 49796       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:34.130645990 CET | 587         | 49796     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:36.648380041 CET | 587         | 49797     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:36.648818016 CET | 49797       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:36.677932024 CET | 587         | 49798     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:36.682199955 CET | 49798       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:36.841758013 CET | 587         | 49797     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:36.841996908 CET | 49797       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:36.872733116 CET | 587         | 49798     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:36.876977921 CET | 49798       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:37.033971071 CET | 587         | 49797     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:37.067073107 CET | 587         | 49798     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:39.379169941 CET | 587         | 49799     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:39.381690979 CET | 49799       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:54:39.572385073 CET | 587         | 49799     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:39.574527025 CET | 49799       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:39.766592979 CET | 587         | 49799     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:41.156644106 CET | 587         | 49800     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:41.169212103 CET | 49800       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:41.359941006 CET | 587         | 49800     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:41.360233068 CET | 49800       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:41.553025961 CET | 587         | 49800     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:42.419593096 CET | 587         | 49801     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:42.420350075 CET | 49801       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:42.611356974 CET | 587         | 49801     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:42.611753941 CET | 49801       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:42.805545092 CET | 587         | 49801     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:44.273689032 CET | 587         | 49802     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:44.273976088 CET | 49802       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:44.478375912 CET | 587         | 49802     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:44.478852987 CET | 49802       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:44.680263996 CET | 587         | 49802     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:49.376130104 CET | 587         | 49803     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:49.376744032 CET | 49803       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:49.568742037 CET | 587         | 49803     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:49.571069002 CET | 49803       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:49.761332035 CET | 587         | 49803     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:52.260323048 CET | 587         | 49804     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:52.260835886 CET | 49804       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:52.267551899 CET | 587         | 49805     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:52.269411087 CET | 49805       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:52.452074051 CET | 587         | 49804     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:52.452435970 CET | 49804       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:54:52.460019112 CET | 587         | 49805     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:52.460841894 CET | 49805       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:52.644531012 CET | 587         | 49804     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:52.653999090 CET | 587         | 49805     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:54.997694969 CET | 587         | 49806     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:54.998035908 CET | 49806       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:55.015147924 CET | 587         | 49807     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:55.015799999 CET | 49807       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:55.189517021 CET | 587         | 49806     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:55.190080881 CET | 49806       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:55.206698895 CET | 587         | 49807     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:55.207362890 CET | 49807       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:55.380321980 CET | 587         | 49806     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:55.397460938 CET | 587         | 49807     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:57.700922012 CET | 587         | 49808     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:57.701092958 CET | 49808       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:57.870578051 CET | 587         | 49809     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:54:57.870820045 CET | 49809       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:54:57.894201040 CET | 587         | 49808     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:57.894429922 CET | 49808       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:58.062791109 CET | 587         | 49809     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:54:58.062974930 CET | 49809       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:54:58.086261034 CET | 587         | 49808     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:54:58.252882957 CET | 587         | 49809     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:00.33493957 CET  | 587         | 49810     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:00.336182117 CET | 49810       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:00.452255964 CET | 587         | 49811     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:00.452501059 CET | 49811       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:00.529437065 CET | 587         | 49810     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:00.529710054 CET | 49810       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:55:00.642693043 CET | 587         | 49811     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:00.642937899 CET | 49811       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:00.720020056 CET | 587         | 49810     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:00.833960056 CET | 587         | 49811     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:03.041965008 CET | 587         | 49812     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:03.042279005 CET | 49812       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:03.244170904 CET | 587         | 49812     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:03.246289968 CET | 49812       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:03.447788954 CET | 587         | 49812     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:05.709295034 CET | 587         | 49813     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:05.709516048 CET | 49813       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:05.900187016 CET | 587         | 49813     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:05.900346041 CET | 49813       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:06.091825962 CET | 587         | 49813     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:06.739952087 CET | 587         | 49814     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:06.741314888 CET | 49814       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:06.931937933 CET | 587         | 49814     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:06.933430910 CET | 49814       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:07.123622894 CET | 587         | 49814     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:08.336911917 CET | 587         | 49815     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:08.337141037 CET | 49815       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:08.527364016 CET | 587         | 49815     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:08.527591944 CET | 49815       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:08.717672110 CET | 587         | 49815     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:09.286880016 CET | 587         | 49816     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:09.287231922 CET | 49816       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:09.477727890 CET | 587         | 49816     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:09.480767965 CET | 49816       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:09.670908928 CET | 587         | 49816     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:11.825762987 CET | 587         | 49817     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:11.826100111 CET | 49817       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:11.842029095 CET | 587         | 49818     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:11.842259884 CET | 49818       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

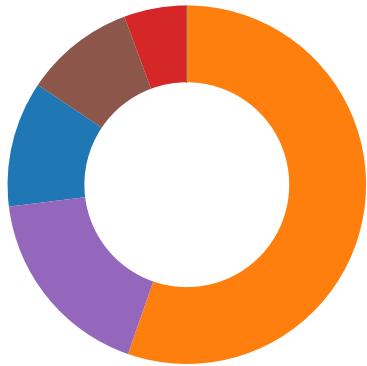
| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:55:12.016412973 CET | 587         | 49817     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:12.016590118 CET | 49817       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:12.033821106 CET | 587         | 49818     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:12.034054995 CET | 49818       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:12.209115982 CET | 587         | 49817     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:12.227118015 CET | 587         | 49818     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:14.469098091 CET | 587         | 49819     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:14.469307899 CET | 49819       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:14.670991898 CET | 587         | 49819     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:14.671222925 CET | 49819       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:14.748943090 CET | 587         | 49820     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:14.749162912 CET | 49820       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:14.872647047 CET | 587         | 49819     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:14.939352989 CET | 587         | 49820     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:14.939585924 CET | 49820       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:15.129380941 CET | 587         | 49820     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:17.125241041 CET | 587         | 49821     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:17.125453949 CET | 49821       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:17.282188892 CET | 587         | 49822     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:17.282394886 CET | 49822       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:17.316113949 CET | 587         | 49821     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:17.316272974 CET | 49821       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:17.472850084 CET | 587         | 49822     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:17.473069906 CET | 49822       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:17.506520987 CET | 587         | 49821     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:17.663238049 CET | 587         | 49822     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:19.663860083 CET | 587         | 49823     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:19.664026976 CET | 49823       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

| Timestamp                          | Source Port | Dest Port | Source IP     | Dest IP       | Commands  |
|------------------------------------|-------------|-----------|---------------|---------------|---|
| Feb 2, 2021 08:55:19.854288101 CET | 587         | 49823     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:19.854476929 CET | 49823       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:19.863238096 CET | 587         | 49824     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:19.863399982 CET | 49824       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |
| Feb 2, 2021 08:55:20.047234058 CET | 587         | 49823     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:20.067862034 CET | 587         | 49824     | 199.193.7.228 | 192.168.2.7   | 250-mta-13.privateemail.com<br>250-PIPELINING<br>250-SIZE 81788928<br>250-ETRN<br>250-AUTH PLAIN LOGIN<br>250-ENHANCEDSTATUSCODES<br>250-8BITMIME<br>250 STARTTLS |
| Feb 2, 2021 08:55:20.068080902 CET | 49824       | 587       | 192.168.2.7   | 199.193.7.228 | STARTTLS  |
| Feb 2, 2021 08:55:20.271485090 CET | 587         | 49824     | 199.193.7.228 | 192.168.2.7   | 220 Ready to start TLS  |
| Feb 2, 2021 08:55:24.527071953 CET | 587         | 49825     | 199.193.7.228 | 192.168.2.7   | 220 PrivateEmail.com prod Mail Node   |
| Feb 2, 2021 08:55:24.527304888 CET | 49825       | 587       | 192.168.2.7   | 199.193.7.228 | EHLO 830021   |

## Code Manipulations

## Statistics

### Behavior



- PO\_Invoices\_pdf.exe
- powershell.exe
- conhost.exe
- RegAsm.exe
- hawkgoods.exe
- origigoods40.exe
- Matiexgoods.exe
- origigoods20.exe
- dw20.exe
- vbc.exe
- vbc.exe
- WerFault.exe
- netssh.exe
- conhost.exe
- I\$#\$\$IT3ssl.exe
- powershell.exe
- conhost.exe
- RegAsm.exe
- hawkgoods.exe
- origigoods40.exe
- Matiexgoods.exe
- origigoods20.exe
- dw20.exe
- vbc.exe
- vbc.exe
- WerFault.exe

Click to jump to process

## System Behavior

Analysis Process: PO\_Invoices\_pdf.exe PID: 5372 Parent PID: 5680

## General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:51:34   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Users\user\Desktop\PO_Invoices_pdf.exe  |
| Wow64 process (32bit):        | true   |
| Commandline:                  | 'C:\Users\user\Desktop\PO_Invoices_pdf.exe'  |
| Imagebase:                    | 0xaf0000   |
| File size:                    | 1655808 bytes  |
| MD5 hash:                     | 59D7D8D5DD3E0055E7C0DCC75897F569   |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | .Net C# or VB.NET  |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 00000000.00000002.277417941.00000000040A8000.0000004.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: JoeSecurity_Matiex, Description: Yara detected Matiex Keylogger, Source: 00000000.00000002.277417941.00000000040A8000.0000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 00000000.00000002.277417941.00000000040A8000.0000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 00000000.00000002.277417941.00000000040A8000.0000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 00000000.00000002.277417941.00000000040A8000.0000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: Hawkeye, Description: detect HawkEye in memory, Source: 00000000.00000002.277417941.00000000040A8000.0000004.00000001.sdmp, Author: JPCERT/CC Incident Response Group</li> </ul> |
| Reputation:                   | low  |

## File Activities

### File Created

| File Path   | Access  | Attributes | Options  | Completion            | Count | Source Address | Symbol      |
|---|---|------------|--|-----------------------|-------|----------------|-------------|
| C:\Users\user   | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D59CF06       | unknown     |
| C:\Users\user\AppData\Roaming   | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D59CF06       | unknown     |
| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\PO_Invoices_pdf.exe.log | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file  | success or wait       | 1     | 6D8AC78D       | CreateFileW |

### File Written

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

| File Path   | Offset  | Length | Value  | Ascii           | Completion | Count    | Source Address | Symbol |
|---|---------|--------|--|-----------------|------------|----------|----------------|--------|
| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\PO_Invoices_pdf.exe.log | unknown | 1406   | 31 2c 22 66 75 73 69<br>6f 6e 22 2c 22 47 41<br>43 22 2c 30 0d 0a 31<br>2c 22 57 69 6e 52 54<br>22 2c 22 4e 6f 74 41<br>70 70 22 2c 31 0d 0a<br>32 2c 22 53 79 73 74<br>65 6d 2e 57 69 6e 64<br>6f 77 73 2e 46 6f 72<br>6d 73 2c 20 56 65 72<br>73 69 6f 6e 3d 34 2e<br>30 2e 30 2e 30 2c 20<br>43 75 6c 74 75 72 65<br>3d 6e 65 75 74 72 61<br>6c 2c 20 50 75 62 6c<br>69 63 4b 65 79 54 6f<br>6b 65 6e 3d 62 37 37<br>61 35 63 35 36 31 39<br>33 34 65 30 38 39 22<br>2c 30 0d 0a 33 2c 22<br>53 79 73 74 65 6d 2c<br>20 56 65 72 73 69 6f<br>6e 3d 34 2e 30 2e 30<br>2e 30 2c 20 43 75 6c<br>74 75 72 65 3d 6e 65<br>75 74 72 61 6c 2c 20<br>50 75 62 6c 69 63 4b<br>65 79 54 6f 6b 65 6e<br>3d 62 37 37 61 35 63<br>35 36 31 39 33 34 65<br>30 38 39 22 2c 22 43<br>3a 5c 57 69 6e 64 6f<br>77 73 5c 61 73 73 65<br>6d 62 6c 79 5c 4e 61<br>74 69 76 65 49 6d 61<br>67 65 73 5f 76 34 2e<br>30 2e 33 | success or wait | 1          | 6D8AC907 | WriteFile      |        |

### File Read

| File Path   | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|---|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 6135   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\!a152fe02a317a77aeee36903305e8ba6\mscorlib.ni.dll.aux                         | unknown | 176    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D57CA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll.aux                              | unknown | 620    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\!b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                     | unknown | 748    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\!8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\!1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                    | unknown | 900    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 8171   | end of file     | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |

### Analysis Process: powershell.exe PID: 5904 Parent PID: 5372

| General                |  |
|------------------------|--|
| Start time:            | 08:51:44   |
| Start date:            | 02/02/2021   |
| Path:                  | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe  |
| Wow64 process (32bit): | true   |
| Commandline:           | 'Powershell.exe' -ExecutionPolicy Bypass -command Copy-Item 'C:\Users\user\Desktop\PO_Invoices_pdf.exe' 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\\$s#\$IT3ssl.exe' |
| Imagebase:             | 0x13c0000  |
| File size:             | 430592 bytes   |

|                               |                                  |  |  |  |  |  |  |
|-------------------------------|----------------------------------|--|--|--|--|--|--|
| MD5 hash:                     | DBA3E6449E97D4E3DF64527EF7012A10 |  |  |  |  |  |  |
| Has elevated privileges:      | true                             |  |  |  |  |  |  |
| Has administrator privileges: | true                             |  |  |  |  |  |  |
| Programmed in:                | .Net C# or VB.NET                |  |  |  |  |  |  |
| Reputation:                   | high                             |  |  |  |  |  |  |

## File Activities

### File Created

| File Path   | Access  | Attributes | Options  | Completion            | Count | Source Address | Symbol           |
|---|---|------------|--|-----------------------|-------|----------------|------------------|
| C:\Users\user   | read data or list directory   synchronize   | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D59CF06       | unknown          |
| C:\Users\user\AppData\Roaming   | read data or list directory   synchronize   | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D59CF06       | unknown          |
| C:\Users\user\AppData\Local\Temp\__PSscr_iptPolicyTest_awkr53h0.pdr.ps1   | read attributes   synchronize   generic write   | device     | sequential only   synchronous io non alert   non directory file   open no recall       | success or wait       | 1     | 6C3E1E60       | CreateFileW      |
| C:\Users\user\AppData\Local\Temp\__PSscr_iptPolicyTest_4e14qwxo.os0.psm1  | read attributes   synchronize   generic write   | device     | sequential only   synchronous io non alert   non directory file   open no recall       | success or wait       | 1     | 6C3E1E60       | CreateFileW      |
| C:\Users\user\Documents\20210202  | read data or list directory   synchronize   | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 6C3EBEFF       | CreateDirectoryW |
| C:\Users\user\Documents\20210202\PowerShell_transcr_ipt.830021.vpu_jBUU.20210202085147.txt                          | read attributes   synchronize   generic read   generic write  | device     | synchronous io non alert   non directory file   open no recall                         | success or wait       | 1     | 6C3E1E60       | CreateFileW      |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\\$s#\$IT3ssl.exe                        | read data or list directory   read attributes   delete   write dac   synchronize   generic read   generic write | device     | sequential only   non directory file   | success or wait       | 1     | 6C3EDD66       | CopyFileW        |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\\$s#\$IT3ssl.exe:Zone.Identifier:\$DATA | read data or list directory   synchronize   generic write   | device     | sequential only   synchronous io non alert   | success or wait       | 1     | 6C3EDD66       | CopyFileW        |
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\ModuleAnalysisCache  | read attributes   synchronize   generic read   generic write  | device     | synchronous io non alert   non directory file   open no recall                         | success or wait       | 1     | 6C3E1E60       | CreateFileW      |

### File Deleted

| File Path   | Completion      | Count | Source Address | Symbol      |
|---|-----------------|-------|----------------|-------------|
| C:\Users\user\AppData\Local\Temp\__PSscriptPolicyTest_awkr53h0.pdr.ps1  | success or wait | 1     | 6C3E6A95       | DeleteFileW |
| C:\Users\user\AppData\Local\Temp\__PSscriptPolicyTest_4e14qwxo.os0.psm1 | success or wait | 1     | 6C3E6A95       | DeleteFileW |

### File Written

| File Path  | Offset  | Length | Value | Ascii | Completion      | Count | Source Address | Symbol    |
|--|---------|--------|-------|-------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Temp\__PSscr_iptPolicyTest_awkr53h0.pdr.ps1  | unknown | 1      | 31    | 1     | success or wait | 1     | 6C3E1B4F       | WriteFile |
| C:\Users\user\AppData\Local\Temp\__PSscr_iptPolicyTest_4e14qwxo.os0.psm1 | unknown | 1      | 31    | 1     | success or wait | 1     | 6C3E1B4F       | WriteFile |

| File Path  | Offset  | Length | Value  | Ascii   | Completion      | Count | Source Address | Symbol    |
|--|---------|--------|--|---|-----------------|-------|----------------|-----------|
| C:\Users\user\Documents\20210202\PowerShell_transcr<br>ipt.830021.vpu_jBUU.20210202085147.txt                  | unknown | 3      | ef bb bf   | ...   | success or wait | 1     | 6C3E1B4F       | WriteFile |
| C:\Users\user\Documents\20210202\PowerShell_transcr<br>ipt.830021.vpu_jBUU.20210202085147.txt                  | unknown | 755    | 2a 2a 2a 2a 2a 2a 2a<br>2a 2a 2a 2a 2a 2a 2a<br>2a 2a 2a 2a 2a 2a 2a<br>2a 0d 0a 57 69 6e 64<br>6f 77 73 20 50 6f 77<br>65 72 53 68 65 6c 6c<br>20 74 72 61 6e 73 63<br>72 69 70 74 20 73 74<br>61 72 74 0d 0e 53 74<br>61 72 74 20 74 69 6d<br>65 3a 20 32 30 32 31<br>30 32 30 32 30 38 35<br>32 31 31 0d 0a 55 73<br>65 72 6e 61 6d 65 3a<br>20 44 45 53 4b 54 4f<br>50 2d 37 31 36 54 37<br>37 31 5c 66 72 6f 6e<br>74 64 65 73 6b 0d 0a<br>52 75 6e 41 73 20 55<br>73 65 72 3a 20 44 45<br>53 4b 54 4f 50 2d 37<br>31 36 54 37 37 31 5c<br>66 72 6f 6e 74 64 65<br>73 6b 0d 0a 43 6f 6e<br>66 69 67 75 72 61 74<br>69 6f 6e 20 4e 61 6d<br>65 3a 20 0d 0a 4d 61<br>63 68 69 6e 65 3a 20<br>38 33 30 30 32 31 20<br>28 4d 69 63 72 6f 73<br>6f 66 74 20 57 69 6e<br>64 6f 77 73 20 4e 54<br>20 31 30 2e 30 2e 31<br>37 31 33 34 2e 30 29<br>0d 0a 48 6f 73 74 20<br>41 70 70 6c 69 63 61<br>74 69 6f | *****...Wind<br>ws PowerShell transcript<br>start..Start time:<br>20210202085211..Userna<br>me: computer\user..RunAs<br>User:<br>computer\user..Configurati<br>on Name: ..Machine:<br>830021 (Microsoft<br>Windows NT<br>10.0.17134.0)..Host<br>Application   | success or wait | 11    | 6C3E1B4F       | WriteFile |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start<br>Menu\Programs\Startup\\$s##IT3ssl.exe                 | 0       | 262144 | 4d 5a 90 00 03 00 00<br>00 04 00 00 00 ff 00<br>00 b8 00 00 00 00 00<br>00 00 40 00 00 00 00<br>00 00 00 80 00 00 00<br>0e 1f ba 0e 00 b4 09<br>cd 21 b8 01 4c cd 21<br>54 68 69 73 20 70 72<br>6f 67 72 61 6d 20 63<br>61 6e 6e 6f 74 20 62<br>65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d<br>6f 64 65 2e 0d 0d 0a<br>24 00 00 00 00 00 00<br>00 50 45 00 00 4c 01<br>03 00 d9 82 18 60 00<br>00 00 00 00 00 00 00<br>e0 00 02 01 0b 01 30<br>00 00 fe 18 00 00 44<br>00 00 00 00 00 4e<br>1c 19 00 00 20 00 00<br>00 20 19 00 00 00 40<br>00 00 20 00 00 00 02<br>00 00 04 00 00 00 00<br>00 00 00 04 00 00 00<br>00 00 00 00 00 a0 19<br>00 00 02 00 00 00 00<br>00 00 02 00 40 85 00<br>00 10 00 00 10 00 00<br>00 00 10 00 00 10 00<br>00 00 00 00 10 00 00<br>00 00 00 00 00 00 00<br>00 00                               | MZ.....@....<br>.....!<br>L.!This program<br>cannot be run in DOS<br>mode....<br>\$.....PE..`.....<br>...0.....D.....N.....@..<br>.....<br>.....@.....<br>.....<br>cd 21 b8 01 4c cd 21<br>54 68 69 73 20 70 72<br>6f 67 72 61 6d 20 63<br>61 6e 6e 6f 74 20 62<br>65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d<br>6f 64 65 2e 0d 0d 0a<br>24 00 00 00 00 00 00<br>00 50 45 00 00 4c 01<br>03 00 d9 82 18 60 00<br>00 00 00 00 00 00 00<br>e0 00 02 01 0b 01 30<br>00 00 fe 18 00 00 44<br>00 00 00 00 00 4e<br>1c 19 00 00 20 00 00<br>00 20 19 00 00 00 40<br>00 00 20 00 00 00 02<br>00 00 04 00 00 00 00<br>00 00 00 04 00 00 00<br>00 00 00 00 00 a0 19<br>00 00 02 00 00 00 00<br>00 00 02 00 40 85 00<br>00 10 00 00 10 00 00<br>00 00 10 00 00 10 00<br>00 00 00 00 10 00 00<br>00 00 00 00 00 00 00<br>00 00 | success or wait | 7     | 6C3EDD66       | CopyFileW |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start<br>Menu\Programs\Startup\\$s##IT3ssl.exe:Zone.Identifier | 0       | 26     | 5b 5a 6f 6e 65 54 72<br>61 6e 73 66 65 72 5d<br>0d 0a 0d 0a 5a 6f 6e<br>65 49 64 3d 30   | [ZoneTransfer]....ZoneId=0  | success or wait | 1     | 6C3EDD66       | CopyFileW |

| File Path  | Offset  | Length | Value  | Ascii  | Completion      | Count | Source Address | Symbol    |
|--|---------|--------|--|--|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive | unknown | 64     | 40 00 00 01 65 00 00<br>00 00 00 00 00 11 00<br>00 00 13 0f 00 00 16<br>00 00 00 e9 0d bf 04<br>2a 09 1a 09 dd 07 00<br>00 00 00 aa 02 3e 00<br>c8 0d 00 00 00 00 00<br>00 00 00 04 40 00 80<br>00 00 00 00 00 00 00<br>00   | @...e.....*.<br>.....>.....@.....  | success or wait | 1     | 6D8676FC       | WriteFile |
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive | unknown | 40     | 48 00 00 02 03 00 00<br>00 00 00 00 00 01 00<br>00 00 3c 40 b0 5e e7<br>8d bf 4c b2 22 4d 79<br>98 9c a7 3a 27 00 00<br>00 0e 00 20 00   | H.....<@.^..L."My..<br>:'. .   | success or wait | 17    | 6D8676FC       | WriteFile |
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive | unknown | 32     | 4d 69 63 72 6f 73 6f<br>66 74 2e 50 6f 77 65<br>72 53 68 65 6c 2e<br>43 6f 6e 73 6f 6c 65<br>48 6f 73 74   | Microsoft.PowerShell.Cons<br>oleHost   | success or wait | 17    | 6D8676FC       | WriteFile |
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive | unknown | 1      | 00   | .  | success or wait | 10    | 6D8676FC       | WriteFile |
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive | unknown | 4      | 00 08 00 03  | ....   | success or wait | 8     | 6D8676FC       | WriteFile |
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive | unknown | 2044   | 00 0e 80 00 01 0e 80<br>00 02 0e 80 00 03 0e<br>80 00 04 0e 80 00 05<br>0e 80 00 06 0e 80 00<br>07 0e 80 00 08 0e 80<br>00 09 0c 80 00 54 01<br>40 00 f9 3e 40 01 33<br>67 40 01 2f 67 40 01<br>2e 35 40 01 2d 35 40<br>01 cb 00 40 00 56 01<br>40 00 48 01 40 00 58<br>01 40 00 5b 01 40 00<br>4e 54 40 01 48 54 40<br>01 f4 53 40 01 8b 53<br>40 01 68 54 40 01 91<br>53 40 01 fa 53 40 01<br>82 53 40 01 5c 01 40<br>00 00 54 40 01 02 54<br>40 01 40 58 40 01 3f<br>58 40 01 1c 54 00 01<br>b8 53 00 01 fb 53 00<br>01 1e 54 00 01 19 54<br>00 01 78 54 00 01 7a<br>54 00 01 95 54 00 01<br>3d 4d 00 01 44 4d 00<br>01 3a 4d 00 01 22 4d<br>00 01 20 4d 00 01 21<br>4d 00 01 3b 4d 00 01<br>e0 44 00 01 e5 44 00<br>01 40 4d 00 01 3c 4d<br>00 01 24 4d 00 01 38<br>4d 00 01 3f 4d 00 01<br>45 4d 00 01 d7 10 00<br>01 dd 71 00 01 f8 53<br>00 01 98 25 00 01 ba<br>6e 00 01 34 26 00 01<br>35 26 00 | .....T.@..>@.3g@./g@..<br>5@.-<br>5@...@.V.@.H.@.X.@.<br>[. @.NT@.HT<br>@..S@..S@.hT@..S@..S<br>@..S@.\. @.<br>.T@..T@..@X@..?<br>X@..T...S...T<br>...T..XT..zT...T.=M..DM...M<br>.."M..<br>M..IM..;M...D..D..@M..<M<br>.SM..8M..?<br>M..EM...q...q...S..<br>.%.n..4&..5&. | success or wait | 8     | 6D8676FC       | WriteFile |

| File Path  | Offset  | Length | Value  | Ascii  | Completion      | Count | Source Address | Symbol    |
|--|---------|--------|--|--|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\ModuleAnalysisCache | unknown | 769    | 50 53 4d 4f 44 55 4c<br>45 43 41 43 48 45 01<br>08 00 00 00 ca 3c e1<br>65 ca 9f d5 08 59 00<br>00 00 43 3a 5c 50 72<br>6f 67 72 61 6d 20 46<br>69 6c 65 73 20 28 78<br>38 36 29 5c 57 69 6e<br>64 6f 77 73 50 6f 77<br>65 72 53 68 65 6c 6c<br>5c 4d 6f 64 75 6c 65<br>73 5c 50 6f 77 65 72<br>53 68 65 6c 6c 47 65<br>74 5c 31 2e 30 2e 30<br>2e 31 5c 50 6f 77 65<br>72 53 68 65 6c 6c 47<br>65 74 2e 70 73 64 31<br>1d 00 00 00 10 00 00<br>00 55 6e 69 6e 73 74<br>61 6c 6c 2d 4d 6f 64<br>75 6c 65 02 00 00 00<br>04 00 00 00 69 6e 6d<br>6f 01 00 00 00 04 00<br>00 00 66 69 6d 6f 01<br>00 00 00 0e 00 00 00<br>49 6e 73 74 61 6c 6c<br>2d 4d 6f 64 75 6c 65<br>02 00 00 00 12 00 00<br>00 4e 65 77 2d 53 63<br>72 69 70 74 46 69 6c<br>65 49 6e 66 6f 02 00<br>00 00 0e 00 00 00 50<br>75 62 6c 69 73 68 2d<br>4d 6f 64 75 6c 65 02<br>00 00 00 0e 00 00 00<br>49 6e 73 74 61 6c 6c<br>2d 53 63 | PSMODULECACHE.....<br><e....Y...C:\Program Files<br>(x86)\Windows<br>PowerShell\Modules\Power<br>ShellG<br>et1.0.0.1\PowerShellGet.p<br>sd1.....Uninstall-<br>Module.....<br>.imo.....fimo.....Install-<br>Module.....New-scr<br>iptFileInfo.....Publish-<br>Module.....Install-Sc<br>53 68 65 6c 6c 47 65<br>74 5c 31 2e 30 2e 30<br>2e 31 5c 50 6f 77 65<br>72 53 68 65 6c 6c 47<br>65 74 2e 70 73 64 31<br>1d 00 00 00 10 00 00<br>00 55 6e 69 6e 73 74<br>61 6c 6c 2d 4d 6f 64<br>75 6c 65 02 00 00 00<br>04 00 00 00 69 6e 6d<br>6f 01 00 00 00 04 00<br>00 00 66 69 6d 6f 01<br>00 00 00 0e 00 00 00<br>49 6e 73 74 61 6c 6c<br>2d 4d 6f 64 75 6c 65<br>02 00 00 00 12 00 00<br>00 4e 65 77 2d 53 63<br>72 69 70 74 46 69 6c<br>65 49 6e 66 6f 02 00<br>00 00 0e 00 00 00 50<br>75 62 6c 69 73 68 2d<br>4d 6f 64 75 6c 65 02<br>00 00 00 0e 00 00 00<br>49 6e 73 74 61 6c 6c<br>2d 53 63 | success or wait | 1     | 6C3E1B4F       | WriteFile |

### File Read

| File Path   | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|---|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 8173   | end of file     | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 6135   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\{a152fe02a317a77ae36903305e8ba6\mscorlib.ni.dll.aux   | unknown | 176    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 4095   | success or wait | 1     | 6D57CA54       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 8173   | end of file     | 1     | 6D57CA54       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D57CA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\{1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                                  | unknown | 900    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbb72e6\System.ni.dll.aux   | unknown | 620    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 8173   | end of file     | 1     | 6D575705       | unknown  |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 8173   | end of file     | 1     | 6D575705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\{b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                                   | unknown | 748    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\Microsoft.Mf49f6405#\ccc7c82770f93d1392abde4be3a80378\Microsoft.Management.Infrastructure.ni.dll.aux | unknown | 748    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 8171   | end of file     | 1     | 6D575705       | unknown  |
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupScriptData-NonInteractive   | unknown | 64     | success or wait | 1     | 6D581F73       | ReadFile |
| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupScriptData-NonInteractive   | unknown | 21268  | success or wait | 1     | 6D58203F       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\{8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux               | unknown | 864    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Microsoft.PowerShell.Operation.Validation.ps1  | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Microsoft.PowerShell.Operation.Validation.ps1  | unknown | 492    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Microsoft.PowerShell.Operation.Validation.ps1  | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |

| File Path   | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|---|---------|--------|-----------------|-------|----------------|----------|
| C:\Program Files (x86)\WindowsPowerShell\Modules\PackageManagement\1.0.0.1\PackageManagement.psd1                       | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PackageManagement\1.0.0.1\PackageManagement.psd1                       | unknown | 774    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PackageManagement\1.0.0.1\PackageManagement.psd1                       | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Pester\3.4.0\Pester.psd1   | unknown | 4096   | success or wait | 2     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Pester\3.4.0\Pester.psd1   | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Pester\3.4.0\Pester.psd1   | unknown | 4096   | success or wait | 2     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Pester\3.4.0\Pester.psd1   | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Pester\3.4.0\Pester.psm1   | unknown | 4096   | success or wait | 7     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Pester\3.4.0\Pester.psm1   | unknown | 682    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\Pester\3.4.0\Pester.psm1   | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PowerShellGet.psd1                               | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PowerShellGet.psd1                               | unknown | 289    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PowerShellGet.psd1                               | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PowerShellGet.psd1                               | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PowerShellGet.psd1                               | unknown | 289    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PSModule.psm1                                    | unknown | 4096   | success or wait | 143   | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PSModule.psm1                                    | unknown | 993    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Program Files (x86)\WindowsPowerShell\Modules\PowerShellGet\1.0.0.1\PSModule.psm1                                    | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Utility\Microsoft.PowerShell.Utility.psd1       | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Utility\Microsoft.PowerShell.Utility.psd1       | unknown | 637    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Utility\Microsoft.PowerShell.Utility.psd1       | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Management\Microsoft.PowerShell.Management.psd1 | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Management\Microsoft.PowerShell.Management.psd1 | unknown | 534    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Management\Microsoft.PowerShell.Management.psd1 | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Management\Microsoft.PowerShell.Management.psd1 | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Management\Microsoft.PowerShell.Management.psd1 | unknown | 534    | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |
| C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe.config  | unknown | 4096   | end of file     | 1     | 6C3E1B4F       | ReadFile |

### Registry Activities

| Key Path | Name | Type | Old Data | New Data | Completion | Count | Source Address | Symbol |
|----------|------|------|----------|----------|------------|-------|----------------|--------|
|----------|------|------|----------|----------|------------|-------|----------------|--------|

### Analysis Process: conhost.exe PID: 8 Parent PID: 5904

#### General

|                               |   |
|-------------------------------|---|
| Start time:                   | 08:51:44  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false   |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff774ee0000                                      |
| File size:                    | 625664 bytes  |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high  |

## Analysis Process: RegAsm.exe PID: 4888 Parent PID: 5372

### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:51:45   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe   |
| Wow64 process (32bit):        | true   |
| Commandline:                  | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe   |
| Imagebase:                    | 0xb60000   |
| File size:                    | 64616 bytes  |
| MD5 hash:                     | 6FD759241112729BF6B1F2F6C34899F  |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | Visual Basic   |
| Yara matches:                 | <ul style="list-style-type: none"> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.273863512.0000000003E4D000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.285132773.0000000003DE1000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.269169616.00000000010E3000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.272090410.0000000003B4B000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.276618597.0000000003B4B000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.286093751.00000000010E3000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 00000005.00000003.281965972.0000000003BE0000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 00000005.00000003.281965972.0000000003BE0000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.284634932.0000000003E4D000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 00000005.00000002.287278765.000000000403000.00000040.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>• Rule: JoeSecurity_Matiex, Description: Yara detected Matiex Keylogger, Source: 00000005.00000002.287278765.000000000403000.00000040.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 00000005.00000002.287278765.000000000403000.00000040.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 00000005.00000002.287278765.000000000403000.00000040.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 00000005.00000002.287278765.000000000403000.00000040.00000001.sdmp, Author: Joe Security</li> <li>• Rule: Hawkeye, Description: detect HawkEye in memory, Source: 00000005.00000002.287278765.000000000403000.00000040.00000001.sdmp, Author: JPCERT/CC Incident Response Group</li> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.271788096.00000000010E3000.0000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000003.283633869.0000000003B4B000.0000004.00000001.sdmp, Author: Joe Security</li> </ul> |
| Reputation:                   | moderate   |

### File Activities

#### File Created

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

| File Path   | Access   | Attributes | Options  | Completion      | Count | Source Address | Symbol      |
|---|--|------------|--|-----------------|-------|----------------|-------------|
| C:\Users\user~1\AppData\Local\Temp\hawkgoods.exe    | read attributes   synchronize   generic read   generic write | device     | synchronous io<br>non alert   non directory file | success or wait | 1     | 660ED258       | CreateFileA |
| C:\Users\user~1\AppData\Local\Temp\origigoods40.exe | read attributes   synchronize   generic read   generic write | device     | synchronous io<br>non alert   non directory file | success or wait | 1     | 660ED258       | CreateFileA |
| C:\Users\user~1\AppData\Local\Temp\Matiegoods.exe   | read attributes   synchronize   generic read   generic write | device     | synchronous io<br>non alert   non directory file | success or wait | 1     | 660ED258       | CreateFileA |
| C:\Users\user~1\AppData\Local\Temp\origigoods20.exe | read attributes   synchronize   generic read   generic write | device     | synchronous io<br>non alert   non directory file | success or wait | 1     | 660ED258       | CreateFileA |

## File Written

| File Path                                      | Offset  | Length | Value   | Ascii  | Completion      | Count | Source Address | Symbol    |
|--|---------|--------|---|--|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe | unknown | 532992 | 4d 5a 90 00 03 00 00<br>00 04 00 00 00 ff ff 00<br>00 b8 00 00 00 00 00<br>00 00 40 00 00 00 00<br>00 00 00 00 00 00 00<br>0e 1f ba 0e 00 b4 09<br>cd 21 b8 01 4c cd 21<br>54 68 69 73 20 70 72<br>6f 67 72 61 6d 20 63<br>61 6e 66 6f 74 20 62<br>65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24<br>00 00 00 00 00 00 00<br>50 45 00 00 4c 01 03<br>00 a6 af 06 60 00 00<br>00 00 00 00 00 e0<br>00 02 01 0b 01 08 00<br>00 ec 07 00 00 34 00<br>00 00 00 00 de 0b<br>08 00 00 20 00 00 00<br>00 00 00 00 40 00<br>00 20 00 00 00 02 00<br>00 04 00 00 00 00 00<br>00 00 04 00 00 00 00<br>00 00 00 00 80 08 00<br>00 02 00 00 00 00 00<br>00 02 00 40 85 00 00<br>10 00 00 10 00 00 00<br>00 10 00 00 10 00 00<br>00 00 00 00 10 00 00<br>00 00 00 00 00 00 00<br>00 | MZ.....@....<br>.....<br>.....!..!This program<br>cannot be run in DOS<br>mode....<br>\$.....PE..L.....`.....<br>.....4.....@..<br>.....<br>.....@.....<br>..... | success or wait | 1     | 660ED8F8       | WriteFile |

| File Path   | Offset  | Length | Value  | Ascii   | Completion      | Count | Source Address | Symbol    |
|---|---------|--------|--|---|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Temp\origigoods40.exe | unknown | 221696 | 4d 5a 90 00 03 00 00<br>00 04 00 00 00 ff ff 00<br>00 b8 00 00 00 00 00<br>00 00 40 00 00 00 00<br>00 00 00 00 00 00 00<br>0e 1f ba 0e 00 b4 09<br>cd 21 b8 01 4c cd 21<br>54 68 69 73 20 70 72<br>6f 67 72 61 6d 20 63<br>61 6e 6e 6f 74 20 62<br>65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24<br>00 00 00 00 00 00 00<br>50 45 00 00 4c 01 03<br>00 ed b0 06 60 00 00<br>00 00 00 00 00 e0<br>00 02 01 0b 01 0b 00<br>00 58 03 00 00 08 00<br>00 00 00 00 00 3e 76<br>03 00 00 20 00 00 00<br>00 00 00 00 40 00<br>00 20 00 00 00 02 00<br>00 04 00 00 00 00 00<br>00 00 04 00 00 00 00<br>00 00 00 00 c0 03 00<br>00 02 00 00 00 00 00<br>00 02 00 40 85 00 00<br>10 00 00 10 00 00 00<br>00 10 00 00 10 00 00<br>00 00 00 00 10 00 00<br>00 00 00 00 00 00 00<br>00 | MZ.....@....<br>.....<br>.....!L.!This program<br>cannot be run in DOS<br>mode....<br>\$.....PE..L.....`.....<br>.....X.....>V.....@..<br>.....<br>.....@.....<br>..... | success or wait | 1     | 660ED8F8       | WriteFile |
| C:\Users\user\AppData\Local\Temp\Matixgoods.exe   | unknown | 455680 | 4d 5a 90 00 03 00 00<br>00 04 00 00 00 ff ff 00<br>00 b8 00 00 00 00 00<br>00 00 40 00 00 00 00<br>00 00 00 00 00 00 00<br>0e 1f ba 0e 00 b4 09<br>cd 21 b8 01 4c cd 21<br>54 68 69 73 20 70 72<br>6f 67 72 61 6d 20 63<br>61 6e 6e 6f 74 20 62<br>65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24<br>00 00 00 00 00 00 00<br>50 45 00 00 4c 01 03<br>00 b4 ae 06 60 00 00<br>00 00 00 00 00 e0<br>00 02 01 0b 01 0b 00<br>00 ea 06 00 00 08 00<br>00 00 00 00 00 7e 08<br>07 00 00 20 00 00 00<br>20 07 00 00 00 40 00<br>00 20 00 00 00 02 00<br>00 04 00 00 00 00 00<br>00 00 04 00 00 00 00<br>00 00 00 00 60 07 00<br>00 02 00 00 00 00 00<br>00 02 00 40 85 00 00<br>10 00 00 10 00 00 00<br>00 10 00 00 10 00 00<br>00 00 00 00 10 00 00<br>00 00 00 00 00 00 00<br>00                      | MZ.....@....<br>.....<br>.....!L.!This program<br>cannot be run in DOS<br>mode....<br>\$.....PE..L.....`.....<br>.....~.....@..<br>.....`.....<br>.....@.....<br>.....  | success or wait | 1     | 660ED8F8       | WriteFile |

| File Path                                       | Offset  | Length | Value  | Ascii  | Completion      | Count | Source Address | Symbol    |
|---|---------|--------|--|--|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Temp\origoods20.exe | unknown | 220672 | 4d 5a 90 00 03 00 00<br>00 04 00 00 00 ff ff 00<br>00 b8 00 00 00 00 00<br>00 00 40 00 00 00 00<br>00 00 00 80 00 00 00<br>0e 1f ba 0e 00 b4 09<br>cd 21 b8 01 4c cd 21<br>54 68 69 73 20 70 72<br>6f 67 72 61 6d 20 63<br>61 6e 6e 6f 74 20 62<br>65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24<br>00 00 00 00 00 00 00<br>50 45 00 00 4c 01 03<br>00 a5 b0 06 60 00 00<br>00 00 00 00 00 e0<br>00 02 01 0b 01 08 00<br>00 56 03 00 00 06 00<br>00 00 00 00 ee 74<br>03 00 00 20 00 00 00<br>00 00 00 00 40 00<br>00 20 00 00 02 00<br>00 04 00 00 00 00<br>00 00 04 00 00 00<br>00 00 00 00 c0 03 00<br>00 02 00 00 00 00 00<br>00 02 00 40 85 00 00<br>10 00 00 10 00 00 00<br>00 10 00 00 10 00 00<br>00 00 00 00 10 00 00<br>00 00 00 00 00 00 00<br>00 | MZ.....@.....<br>.....<br>.....!..L!This program<br>cannot be run in DOS<br>mode....<br>\$.....PE..L.....`.....<br>.....V.....t.....@..<br>.....<br>.....@.....<br>..... | success or wait | 1     | 660ED8F8       | WriteFile |

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

### Analysis Process: hawkgoods.exe PID: 3724 Parent PID: 4888

#### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:51:47   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Users\user\AppData\Local\Temp\hawkgoods.exe       |
| Wow64 process (32bit):        | true   |
| Commandline:                  | 'C:\Users\user~1\AppData\Local\Temp\hawkgoods.exe' 0 |
| Imagebase:                    | 0x2f0000   |
| File size:                    | 532992 bytes   |
| MD5 hash:                     | FFDB58533D5D1362E896E96FB6F02A95                     |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | .Net C# or VB.NET                                    |

|                    |  |
|--------------------|--|
| Yara matches:      | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 00000006.00000002.390146582.0000000003A21000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 00000006.00000002.390146582.0000000003A21000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 00000006.00000002.383895800.0000000002F2000.00000002.00020000.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 00000006.00000002.383895800.0000000002F2000.00000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 00000006.00000002.383895800.0000000002F2000.00000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 00000006.00000002.383895800.0000000002F2000.00000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: Hawkeye, Description: detect HawkEye in memory, Source: 00000006.00000002.383895800.0000000002F2000.00000002.00020000.sdmp, Author: JPCERT/CC Incident Response Group</li> <li>Rule: HKTL_NET_GUID_Stealer, Description: Detects c# red/black-team tools via typelibguid, Source: 00000006.00000002.398436711.0000000007540000.00000004.00000001.sdmp, Author: Arnim Rupp</li> <li>Rule: HKTL_NET_GUID_Stealer, Description: Detects c# red/black-team tools via typelibguid, Source: 00000006.00000002.398332656.00000000073F0000.00000004.00000001.sdmp, Author: Arnim Rupp</li> <li>Rule: HKTL_NET_GUID_Stealer, Description: Detects c# red/black-team tools via typelibguid, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Arnim Rupp</li> <li>Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Joe Security</li> <li>Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Joe Security</li> <li>Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: Joe Security</li> <li>Rule: Hawkeye, Description: detect HawkEye in memory, Source: C:\Users\user\AppData\Local\Temp\hawkgoods.exe, Author: JPCERT/CC Incident Response Group</li> </ul> |
| Antivirus matches: | <ul style="list-style-type: none"> <li>Detection: 100%, Avira</li> <li>Detection: 100%, Avira</li> <li>Detection: 100%, Joe Sandbox ML</li> <li>Detection: 96%, ReversingLabs</li> </ul>   |
| Reputation:        | low  |

## File Activities

### File Created

| File Path                     | Access                                    | Attributes | Options  | Completion            | Count | Source Address | Symbol  |
|-------------------------------|---|------------|--|-----------------------|-------|----------------|---------|
| C:\Users\user                 | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 724660AC       | unknown |
| C:\Users\user\AppData\Roaming | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 724660AC       | unknown |
| C:\Users\user                 | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 724660AC       | unknown |
| C:\Users\user\AppData\Roaming | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 724660AC       | unknown |

| File Path                                | Access  | Attributes | Options  | Completion      | Count | Source Address | Symbol      |
|--|---|------------|--|-----------------|-------|----------------|-------------|
| C:\Users\user\AppData\Roaming\pid.txt    | read attributes   synchronize   generic write | device     | sequential only   synchronous io non alert   non directory file   open no recall | success or wait | 1     | C6BCAB         | CreateFileW |
| C:\Users\user\AppData\Roaming\pidloc.txt | read attributes   synchronize   generic write | device     | sequential only   synchronous io non alert   non directory file   open no recall | success or wait | 1     | C6BCAB         | CreateFileW |

### File Deleted

| File Path                                       | Completion      | Count | Source Address | Symbol      |
|---|-----------------|-------|----------------|-------------|
| C:\Users\user\AppData\Local\Temp\holdermail.txt | success or wait | 1     | 4B65A62        | DeleteFileW |
| C:\Users\user\AppData\Local\Temp\holderwb.txt   | success or wait | 1     | 4B65A62        | DeleteFileW |

### File Written

| File Path                                | Offset  | Length | Value   | Ascii  | Completion      | Count | Source Address | Symbol    |
|--|---------|--------|---|--|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Roaming\pid.txt    | unknown | 4      | 33 37 32 34   | 3724   | success or wait | 1     | 4B60093        | WriteFile |
| C:\Users\user\AppData\Roaming\pidloc.txt | unknown | 50     | 43 3a 5c 55 73 65 72<br>73 5c 46 52 4f 4e 54<br>44 7e 31 5c 41 70 70<br>44 61 74 61 5c 4c 6f<br>63 61 6c 5c 54 65 6d<br>70 5c 68 61 77 6b 67<br>6f 6f 64 73 2e 65 78 65 | C:\Users\user~1\AppData\Local\Temp\hawkgoods.exe | success or wait | 1     | 4B60093        | WriteFile |

### File Read

| File Path  | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|--|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4095   | success or wait | 1     | 72495544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 6304   | success or wait | 3     | 72495544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4095   | success or wait | 1     | 72498738       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4095   | success or wait | 1     | 72495544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 8175   | end of file     | 1     | 72495544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4096   | success or wait | 1     | 4B60093        | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4096   | end of file     | 1     | 4B60093        | ReadFile |
| C:\Users\user\AppData\Local\Temp\holdermail.txt                            | unknown | 4096   | end of file     | 1     | 4B60093        | ReadFile |
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe                             | unknown | 4096   | success or wait | 1     | 7253BF06       | unknown  |
| C:\Users\user\AppData\Local\Temp\hawkgoods.exe                             | unknown | 512    | success or wait | 1     | 7253BF06       | unknown  |
| C:\Windows\assembly\GAC_32\mscorlib\2.0.0.0__b77a5c561934e089\mscorlib.dll | unknown | 4096   | success or wait | 1     | 7253BF06       | unknown  |
| C:\Windows\assembly\GAC_32\mscorlib\2.0.0.0__b77a5c561934e089\mscorlib.dll | unknown | 512    | success or wait | 1     | 7253BF06       | unknown  |
| C:\Users\user\AppData\Local\Temp\holderwb.txt                              | unknown | 4096   | success or wait | 1     | 4B60093        | ReadFile |
| C:\Users\user\AppData\Local\Temp\holderwb.txt                              | unknown | 4096   | end of file     | 1     | 4B60093        | ReadFile |

### Registry Activities

| Key Path | Completion | Count | Source Address | Symbol     |       |                |        |
|----------|------------|-------|----------------|------------|-------|----------------|--------|
| Key Path | Name       | Type  | Data           | Completion | Count | Source Address | Symbol |

### Key Value Modified

| Key Path  | Name   | Type  | Old Data | New Data | Completion      | Count | Source Address | Symbol         |
|---|--------|-------|----------|----------|-----------------|-------|----------------|----------------|
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced | Hidden | dword | 2        | 1        | success or wait | 1     | 4B64A02        | RegSetValueExW |

Analysis Process: origigoods40.exe PID: 6172 Parent PID: 4888

## General

|                               |   |
|-------------------------------|---|
| Start time:                   | 08:51:48  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Users\user\AppData\Local\Temp\origoods40.exe   |
| Wow64 process (32bit):        | true  |
| Commandline:                  | 'C:\Users\user~1\AppData\Local\Temp\origoods40.exe' 0   |
| Imagebase:                    | 0xc30000  |
| File size:                    | 221696 bytes  |
| MD5 hash:                     | AE36F0D16230B9F41FFECBD3C5B1D660  |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | .Net C# or VB.NET   |
| Yara matches:                 | <ul style="list-style-type: none"><li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000007.00000002.445463818.0000000000C32000.00000002.00020000.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000007.00000002.455680542.0000000002FE1000.00000004.00000001.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000007.00000002.455680542.0000000002FE1000.00000004.00000001.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000007.00000000.273140883.0000000000C32000.00000002.00020000.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: C:\Users\user\AppData\Local\Temp\origoods40.exe, Author: Joe Security</li></ul> |
| Antivirus matches:            | <ul style="list-style-type: none"><li>Detection: 100%, Avira</li><li>Detection: 100%, Joe Sandbox ML</li><li>Detection: 43%, Metadefender, <a href="#">Browse</a></li><li>Detection: 82%, ReversingLabs</li></ul>   |
| Reputation:                   | low   |

## File Activities

### File Created

| File Path                     | Access                                    | Attributes | Options  | Completion            | Count | Source Address | Symbol  |
|-------------------------------|---|------------|--|-----------------------|-------|----------------|---------|
| C:\Users\user                 | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D59CF06       | unknown |
| C:\Users\user\AppData\Roaming | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D59CF06       | unknown |

### File Read

| File Path   | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|---|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 6135   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\!a152fe02a317a77aeee36903305e8ba6\mscorlib.ni.dll.aux                         | unknown | 176    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D57CA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\!f4fa07eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll.aux                            | unknown | 620    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\!8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\!1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                    | unknown | 900    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\!b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                     | unknown | 748    | success or wait | 1     | 6D4D03DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4095   | success or wait | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 8171   | end of file     | 1     | 6D575705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config   | unknown | 4096   | success or wait | 1     | 6C3E1B4F       | ReadFile |

| File Path   | Offset  | Length | Completion  | Count | Source Address | Symbol   |
|---|---------|--------|-------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 4096   | end of file | 1     | 6C3E1B4F       | ReadFile |

### Analysis Process: Matiexgoods.exe PID: 6264 Parent PID: 4888

#### General

|                               |   |
|-------------------------------|---|
| Start time:                   | 08:51:51  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Users\user\AppData\Local\Temp\Matiexgoods.exe  |
| Wow64 process (32bit):        | true  |
| Commandline:                  | 'C:\Users\user~1\AppData\Local\Temp\Matiexgoods.exe' 0  |
| Imagebase:                    | 0xf70000  |
| File size:                    | 455680 bytes  |
| MD5 hash:                     | 80C61B903400B534858D047DD0919F0E  |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | .Net C# or VB.NET   |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_Matiex, Description: Yara detected Matiex Keylogger, Source: 00000008.00000002.681623451.000000000F72000.00000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000008.00000002.699392963.00000000352E000.0000004.0000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000008.00000002.699392963.00000000352E000.0000004.0000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_Matiex, Description: Yara detected Matiex Keylogger, Source: C:\Users\user\AppData\Local\Temp\Matiexgoods.exe, Author: Joe Security</li> </ul> |
| Antivirus matches:            | <ul style="list-style-type: none"> <li>Detection: 100%, Avira</li> <li>Detection: 100%, Joe Sandbox ML</li> <li>Detection: 46%, Metadefender, <a href="#">Browse</a></li> <li>Detection: 89%, ReversingLabs</li> </ul>  |
| Reputation:                   | low   |

### Analysis Process: origigoods20.exe PID: 6352 Parent PID: 4888

#### General

|                               |   |
|-------------------------------|---|
| Start time:                   | 08:51:52  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Users\user\AppData\Local\Temp\origigoods20.exe   |
| Wow64 process (32bit):        | true  |
| Commandline:                  | 'C:\Users\user~1\AppData\Local\Temp\origigoods20.exe' 0   |
| Imagebase:                    | 0xe0000   |
| File size:                    | 220672 bytes  |
| MD5 hash:                     | 61DC57C6575E1F3F2AE14C1B332AD2FB  |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | .Net C# or VB.NET   |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000000A.00000002.430720019.0000000000E2000.00000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000000A.00000000.281843308.0000000000E2000.00000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000000A.00000002.454660209.0000000002801000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000A.00000002.454660209.0000000002801000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: C:\Users\user\AppData\Local\Temp\origigoods20.exe, Author: Joe Security</li> </ul> |

|                    |  |
|--------------------|--|
| Antivirus matches: | <ul style="list-style-type: none"> <li>Detection: 100%, Avira</li> <li>Detection: 100%, Joe Sandbox ML</li> <li>Detection: 43%, Metadefender, <a href="#">Browse</a></li> <li>Detection: 86%, ReversingLabs</li> </ul> |
| Reputation:        | low  |

### Analysis Process: dw20.exe PID: 6684 Parent PID: 3724

#### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:51:54   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v2.0.50727\dw20.exe |
| Wow64 process (32bit):        | true   |
| Commandline:                  | dw20.exe -x -s 2164                                    |
| Imagebase:                    | 0x10000000   |
| File size:                    | 33936 bytes  |
| MD5 hash:                     | 8D10DA8A3E11747E51F23C882C22BBC3                       |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | C, C++ or other language                               |
| Reputation:                   | high   |

### Analysis Process: vbc.exe PID: 6852 Parent PID: 3724

#### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:51:57   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe  |
| Wow64 process (32bit):        | true   |
| Commandline:                  | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe /stext 'C:\Users\user\AppData\Local\Temp\holdermail.txt'   |
| Imagebase:                    | 0x400000   |
| File size:                    | 1171592 bytes  |
| MD5 hash:                     | C63ED21D5706A527419C9FBD730FFB2E   |
| 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_MailPassView, Description: Yara detected MailPassView, Source: 00000011.00000002.296594780.0000000000400000.00000040.00000001.sdmp, Author: Joe Security</li> </ul> |
| Reputation:                   | high   |

### Analysis Process: vbc.exe PID: 6868 Parent PID: 3724

#### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:51:58   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe  |
| Wow64 process (32bit):        | true   |
| Commandline:                  | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe /stext 'C:\Users\user\AppData\Local\Temp\holderwb.txt' |
| Imagebase:                    | 0x400000   |
| File size:                    | 1171592 bytes  |
| MD5 hash:                     | C63ED21D5706A527419C9FBD730FFB2E   |
| 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_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 00000012.00000002.308131659.0000000000400000.00000040.00000001.sdmp, Author: Joe Security</li> </ul> |
| Reputation:   | high  |

### Analysis Process: WerFault.exe PID: 7028 Parent PID: 3724

| General                       |   |
|-------------------------------|---|
| Start time:                   | 08:52:03  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Windows\SysWOW64\WerFault.exe  |
| Wow64 process (32bit):        | true  |
| Commandline:                  | C:\Windows\SysWOW64\WerFault.exe -u -p 3724 -s 1996   |
| Imagebase:                    | 0xb60000  |
| File size:                    | 434592 bytes  |
| MD5 hash:                     | 9E2B8ACAD48ECCA55C0230D63623661B  |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | .Net C# or VB.NET   |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 00000014.00000002.379809632.0000000005930000.00000004.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 00000014.00000002.379809632.0000000005930000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: Hawkeye, Description: detect HawkEye in memory, Source: 00000014.00000002.379809632.0000000005930000.00000004.00000001.sdmp, Author: JPCERT/CC Incident Response Group</li> </ul> |
| Reputation:                   | high  |

### Analysis Process: netsh.exe PID: 1744 Parent PID: 6264

| General                       |                                  |
|-------------------------------|----------------------------------|
| Start time:                   | 08:52:33                         |
| Start date:                   | 02/02/2021                       |
| Path:                         | C:\Windows\SysWOW64\netsh.exe    |
| Wow64 process (32bit):        | true                             |
| Commandline:                  | 'netsh' wlan show profile        |
| Imagebase:                    | 0x13c0000                        |
| File size:                    | 82944 bytes                      |
| MD5 hash:                     | A0AA3322BB46BBFC36AB9DC1DBBBB807 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

### Analysis Process: conhost.exe PID: 1200 Parent PID: 1744

| General                  |   |
|--------------------------|---|
| Start time:              | 08:52:33  |
| Start date:              | 02/02/2021  |
| Path:                    | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):   | false   |
| Commandline:             | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:               | 0x7ff774ee0000                                      |
| File size:               | 625664 bytes  |
| MD5 hash:                | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges: | true  |

|                               |                          |
|-------------------------------|--------------------------|
| Has administrator privileges: | true                     |
| Programmed in:                | C, C++ or other language |

### Analysis Process: I\$#IT3ssl.exe PID: 1808 Parent PID: 3292

#### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:52:43   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\$#IT3ssl.exe                                   |
| Wow64 process (32bit):        | true   |
| Commandline:                  | 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\$#IT3ssl.exe'                                 |
| Imagebase:                    | 0xa20000   |
| File size:                    | 1655808 bytes  |
| MD5 hash:                     | 59D7D8D5DD3E0055E7C0DCC75897F569   |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | .Net C# or VB.NET  |
| Antivirus matches:            | <ul style="list-style-type: none"> <li>• Detection: 100%, Joe Sandbox ML</li> <li>• Detection: 20%, ReversingLabs</li> </ul> |

### Analysis Process: powershell.exe PID: 6908 Parent PID: 1808

#### General

|                               |   |
|-------------------------------|---|
| Start time:                   | 08:52:50  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe   |
| Wow64 process (32bit):        | true  |
| Commandline:                  | 'Powershell.exe' -ExecutionPolicy Bypass -command Copy-Item 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\$#IT3ssl.exe' 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\I\$#IT3ssl.exe' |
| Imagebase:                    | 0x13c0000   |
| File size:                    | 430592 bytes  |
| MD5 hash:                     | DBA3E6449E97D4E3DF64527EF7012A10  |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | .Net C# or VB.NET   |

### Analysis Process: conhost.exe PID: 6980 Parent PID: 6908

#### General

|                               |   |
|-------------------------------|---|
| Start time:                   | 08:52:51  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false   |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff774ee0000                                      |
| File size:                    | 625664 bytes  |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | C, C++ or other language                            |

## Analysis Process: RegAsm.exe PID: 4828 Parent PID: 1808

### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:52:53   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe   |
| Wow64 process (32bit):        | true   |
| Commandline:                  | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe   |
| Imagebase:                    | 0x770000   |
| File size:                    | 64616 bytes  |
| MD5 hash:                     | 6FD7592411112729BF6B1F2F6C34899F   |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | Visual Basic   |
| Yara matches:                 | <ul style="list-style-type: none"><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.425880345.0000000003A2D000.0000004.0000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.414221299.00000000036C1000.0000004.0000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.418225668.000000000E23000.0000004.0000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.418385560.000000000372B000.0000004.0000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.427152213.00000000039C1000.0000004.0000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.428390015.000000000E23000.0000004.0000001.sdmp, Author: Joe Security</li><li>• Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 0000001A.00000002.433264598.000000000403000.00000040.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li><li>• Rule: JoeSecurity_Matiex, Description: Yara detected Matiex Keylogger, Source: 0000001A.00000002.433264598.000000000403000.00000040.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 0000001A.00000002.433264598.000000000403000.00000040.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 0000001A.00000002.433264598.000000000403000.00000040.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 0000001A.00000002.433264598.000000000403000.00000040.00000001.sdmp, Author: Joe Security</li><li>• Rule: Hawkeye, Description: detect HawkEye in memory, Source: 0000001A.00000002.433264598.000000000403000.00000040.00000001.sdmp, Author: JPCERT/CC Incident Response Group</li><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.419784850.000000000372B000.0000004.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.413803172.000000000E23000.0000004.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001A.00000003.424187770.000000000372B000.0000004.00000001.sdmp, Author: Joe Security</li></ul> |

## Analysis Process: hawkgoods.exe PID: 5440 Parent PID: 4828

### General

|                          |  |
|--------------------------|--|
| Start time:              | 08:52:55   |
| Start date:              | 02/02/2021   |
| Path:                    | C:\Users\user\AppData\Local\Temp\hawkgoods.exe       |
| Wow64 process (32bit):   | true   |
| Commandline:             | 'C:\Users\user~1\AppData\Local\Temp\hawkgoods.exe' 0 |
| Imagebase:               | 0xa40000   |
| File size:               | 532992 bytes   |
| MD5 hash:                | FFDB58533D5D1362E896E96FB6F02A95                     |
| Has elevated privileges: | true   |

|                               |  |
|-------------------------------|--|
| Has administrator privileges: | true   |
| Programmed in:                | .Net C# or VB.NET  |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: HKTL_NET_GUID_Stealer, Description: Detects c# red/black-team tools via typelibguid, Source: 0000001B.00000002.651684392.0000000007F40000.0000004.0000001.sdmp, Author: Arnim Rupp</li> <li>Rule: HKTL_NET_GUID_Stealer, Description: Detects c# red/black-team tools via typelibguid, Source: 0000001B.00000002.651227274.0000000007C90000.0000004.0000001.sdmp, Author: Arnim Rupp</li> <li>Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 0000001B.00000000.417887646.000000000A42000.0000002.00020000.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 0000001B.00000000.417887646.000000000A42000.0000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 0000001B.00000000.417887646.000000000A42000.0000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 0000001B.00000000.417887646.000000000A42000.0000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: Hawkeye, Description: detect HawkEye in memory, Source: 0000001B.00000000.417887646.000000000A42000.0000002.00020000.sdmp, Author: JPCERT/CC Incident Response Group</li> <li>Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 0000001B.00000002.642866499.00000000041B1000.0000004.0000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 0000001B.00000002.642866499.00000000041B1000.0000004.0000001.sdmp, Author: Joe Security</li> <li>Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 0000001B.00000002.636644097.000000000A42000.0000002.00020000.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: JoeSecurity_MailPassView, Description: Yara detected MailPassView, Source: 0000001B.00000002.636644097.000000000A42000.0000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 0000001B.00000002.636644097.000000000A42000.0000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 0000001B.00000002.636644097.000000000A42000.0000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: Hawkeye, Description: detect HawkEye in memory, Source: 0000001B.00000002.636644097.000000000A42000.0000002.00020000.sdmp, Author: JPCERT/CC Incident Response Group</li> <li>Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 0000001B.00000002.641318198.00000000031B1000.0000004.0000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 0000001B.00000002.641318198.00000000031B1000.0000004.0000001.sdmp, Author: Joe Security</li> <li>Rule: Hawkeye, Description: detect HawkEye in memory, Source: 0000001B.00000002.641318198.00000000031B1000.0000004.0000001.sdmp, Author: JPCERT/CC Incident Response Group</li> </ul> |

### Analysis Process: origigoods40.exe PID: 3080 Parent PID: 4828

| General                       |   |
|-------------------------------|---|
| Start time:                   | 08:52:56  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Users\user\AppData\Local\Temp\origigoods40.exe       |
| Wow64 process (32bit):        | true  |
| Commandline:                  | 'C:\Users\user~1\AppData\Local\Temp\origigoods40.exe' 0 |
| Imagebase:                    | 0xe20000  |
| File size:                    | 221696 bytes  |
| MD5 hash:                     | AE36F0D16230B9F41FFECBD3C5B1D660                        |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | .Net C# or VB.NET                                       |

|               |  |
|---------------|--|
| Yara matches: | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001C.00000002.696128013.0000000003201000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000001C.00000002.696128013.0000000003201000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001C.00000000.419299258.000000000E22000.00000002.00020000.sdmp, Author: Joe Security</li> </ul> |
|---------------|--|

### Analysis Process: Matiexgoods.exe PID: 6532 Parent PID: 4828

#### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:52:57   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Users\user\AppData\Local\Temp\Matiexgoods.exe   |
| Wow64 process (32bit):        | true   |
| Commandline:                  | 'C:\Users\user~1\AppData\Local\Temp\Matiexgoods.exe' 0   |
| Imagebase:                    | 0xb0d0000  |
| File size:                    | 455680 bytes   |
| MD5 hash:                     | 80C61B903400B534858D047DD0919F0E   |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | .Net C# or VB.NET  |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_Matiex, Description: Yara detected Matiex Keylogger, Source: 0000001E.00000002.681849072.0000000000BD2000.00000002.00020000.sdmp, Author: Joe Security</li> </ul> |

### Analysis Process: origoods20.exe PID: 7160 Parent PID: 4828

#### General

|                               |   |
|-------------------------------|---|
| Start time:                   | 08:52:57  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Users\user\AppData\Local\Temp\origoods20.exe   |
| Wow64 process (32bit):        | true  |
| Commandline:                  | 'C:\Users\user~1\AppData\Local\Temp\origoods20.exe' 0   |
| Imagebase:                    | 0x720000  |
| File size:                    | 220672 bytes  |
| MD5 hash:                     | 61DC57C6575E1F3F2AE14C1B332AD2FB  |
| Has elevated privileges:      | true  |
| Has administrator privileges: | true  |
| Programmed in:                | .Net C# or VB.NET   |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001F.00000000.423374232.000000000722000.00000002.00020000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001F.00000002.703454217.0000000002F71000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000001F.00000002.703454217.0000000002F71000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000001F.00000002.681903640.000000000722000.00000002.00020000.sdmp, Author: Joe Security</li> </ul> |

### Analysis Process: dw20.exe PID: 5252 Parent PID: 5440

#### General

|             |          |
|-------------|----------|
| Start time: | 08:53:04 |
|-------------|----------|

|                               |  |
|-------------------------------|--|
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v2.0.50727\dw20.exe |
| Wow64 process (32bit):        | true   |
| Commandline:                  | dw20.exe -x -s 2092                                    |
| Imagebase:                    | 0x10000000   |
| File size:                    | 33936 bytes  |
| MD5 hash:                     | 8D10DA8A3E11747E51F23C882C22BBC3                       |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | C, C++ or other language                               |

### Analysis Process: vbc.exe PID: 5776 Parent PID: 5440

#### General

|                               |  |
|-------------------------------|--|
| Start time:                   | 08:53:06   |
| Start date:                   | 02/02/2021   |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe  |
| Wow64 process (32bit):        | true   |
| Commandline:                  | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe /stext 'C:\Users\user\AppData\Local\Temp\holdermail.txt'   |
| Imagebase:                    | 0x400000   |
| File size:                    | 1171592 bytes  |
| MD5 hash:                     | C63ED21D5706A527419C9FBD730FFB2E   |
| 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_MailPassView, Description: Yara detected MailPassView, Source: 00000022.00000002.446713470.0000000000400000.00000040.00000001.sdmp, Author: Joe Security</li> </ul> |

### Analysis Process: vbc.exe PID: 6108 Parent PID: 5440

#### General

|                               |   |
|-------------------------------|---|
| Start time:                   | 08:53:07  |
| Start date:                   | 02/02/2021  |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe   |
| Wow64 process (32bit):        | true  |
| Commandline:                  | C:\Windows\Microsoft.NET\Framework\v2.0.50727\vbc.exe /stext 'C:\Users\user\AppData\Local\Temp\holderwb.txt'  |
| Imagebase:                    | 0x400000  |
| File size:                    | 1171592 bytes   |
| MD5 hash:                     | C63ED21D5706A527419C9FBD730FFB2E  |
| 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_WebBrowserPassView, Description: Yara detected WebBrowserPassView password recovery tool, Source: 00000023.00000002.465758929.0000000000400000.00000040.00000001.sdmp, Author: Joe Security</li> </ul> |

### Analysis Process: WerFault.exe PID: 4776 Parent PID: 5440

#### General

|                        |                                  |
|------------------------|----------------------------------|
| Start time:            | 08:53:14                         |
| Start date:            | 02/02/2021                       |
| Path:                  | C:\Windows\SysWOW64\WerFault.exe |
| Wow64 process (32bit): | true                             |

|                               |  |
|-------------------------------|--|
| Commandline:                  | C:\Windows\SysWOW64\WerFault.exe -u -p 5440 -s 940   |
| Imagebase:                    | 0xb60000   |
| File size:                    | 434592 bytes   |
| MD5 hash:                     | 9E2B8ACAD48ECCA55C0230D63623661B   |
| Has elevated privileges:      | true   |
| Has administrator privileges: | true   |
| Programmed in:                | .Net C# or VB.NET  |
| Yara matches:                 | <ul style="list-style-type: none"> <li>• Rule: RAT_HawkEye, Description: Detects HawkEye RAT, Source: 00000025.00000002.619183539.000000005360000.00000004.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>• Rule: JoeSecurity_HawkEye, Description: Yara detected HawkEye Keylogger, Source: 00000025.00000002.619183539.000000005360000.00000004.00000001.sdmp, Author: Joe Security</li> <li>• Rule: Hawkeye, Description: detect HawkEye in memory, Source: 00000025.00000002.619183539.000000005360000.00000004.00000001.sdmp, Author: JPCERT/CC Incident Response Group</li> </ul> |

## Disassembly

### Code Analysis