

**MALICIOUS**

Classifications: -

Threat Names:

FormBook

Mal/Generic-S

Verdict Reason: -

|                    |  |
|--------------------|--|
| Sample Type        | Windows Exe (x86-32)   |
| File Name          | 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe |
| ID                 | #4264217   |
| MD5                | 6f111b596da1ac7d71c4362b18309648                                     |
| SHA1               | e09f8065342a4c8664148bec4b0d9265e7e5842a                             |
| SHA256             | 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96     |
| File Size          | 214.18 KB  |
| Report Created     | 2022-05-05 10:21 (UTC+2)   |
| Target Environment | win10_64_th2_en_mso2016   exe  |

## OVERVIEW

VMRay Threat Identifiers (27 rules, 333 matches)

| Score | Category | Operation                    | Count | Classification |
|-------|----------|------------------------------|-------|----------------|
| 5/5   | Browser  | Adds a hook to a web browser | 100   | Spyware        |



| Score   | Category                | Operation                                 | Count | Classification |
|---|-------------------------|---|-------|----------------|
| 5/5   | Extracted Configuration | FormBook configuration was extracted      | 1     | Spyware        |
| <ul style="list-style-type: none"> <li>• A configuration for FormBook was extracted from artifacts of the dynamic analysis.</li> </ul>  |                         |   |       |                |
| 5/5   | YARA                    | Malicious content matched by YARA rules   | 15    | Spyware        |
| <ul style="list-style-type: none"> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #3) pkypr.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #10) alftp.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #14) coreftp.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #21) leechftp.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #5) systay.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #9) absolutetelnet.exe.</li> <li>• Rule "FormBook" from ruleset "Malware" has matched on the function strings for (process #4) explorer.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #20) icq.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #35) yahooemessenger.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #22) ncftp.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #33) whatsapp.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #27) scriptftp.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #13) bitkinex.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #24) operamail.exe.</li> <li>• Rule "FormBook_2021" from ruleset "Malware" has matched on a memory dump for (process #12) barca.exe.</li> </ul> |                         |   |       |                |
| 4/5   | Injection               | Writes into the memory of another process | 32    | Injector       |

| Score | Category  | Operation  | Count | Classification |
|-------|-----------|--|-------|----------------|
|       |           | <ul style="list-style-type: none"> <li>• (Process #5) sys tray.exe modifies memory of (process #4) explorer.exe.</li> <li>• (Process #3) pkypr.exe modifies memory of (process #4) explorer.exe.</li> <li>• (Process #3) pkypr.exe modifies memory of (process #5) sys tray.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #8) iexplore.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #9) absolutetelnet.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #10) alftp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #11) 3dftp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #12) barca.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #13) bitkinex.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #14) coreftp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #15) far.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #16) filezilla.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #17) flashfxp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #18) fling.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #19) gmailnotifierpro.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #20) icq.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #21) leechftp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #22) nctftp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #23) notepad.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #24) operamail.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #25) outlook.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #26) pidgin.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #27) scriptftp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #28) skype.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #29) smartftp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #30) thunderbird.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #31) trillian.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #32) webdrive.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #33) whatsapp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #34) winscp.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #35) yahoo messenger.exe.</li> <li>• (Process #5) sys tray.exe modifies memory of (process #36) iexplore.exe.</li> </ul> |       |                |
| 4/5   | Injection | Modifies control flow of another process   | 31    | -              |

| Score | Category        | Operation  | Count | Classification |
|-------|-----------------|--|-------|----------------|
|       |                 | <ul style="list-style-type: none"> <li>(Process #3) pkypr.exe alters context of (process #4) explorer.exe.</li> <li>(Process #5) systray.exe alters context of (process #4) explorer.exe.</li> <li>(Process #5) systray.exe alters context of (process #8) iexplore.exe.</li> <li>(Process #5) systray.exe alters context of (process #9) absolutetelnet.exe.</li> <li>(Process #5) systray.exe alters context of (process #10) alftp.exe.</li> <li>(Process #5) systray.exe alters context of (process #11) 3dftp.exe.</li> <li>(Process #5) systray.exe alters context of (process #12) barca.exe.</li> <li>(Process #5) systray.exe alters context of (process #13) bitkinex.exe.</li> <li>(Process #5) systray.exe alters context of (process #14) coreftp.exe.</li> <li>(Process #5) systray.exe alters context of (process #15) far.exe.</li> <li>(Process #5) systray.exe alters context of (process #16) filezilla.exe.</li> <li>(Process #5) systray.exe alters context of (process #17) flashfxp.exe.</li> <li>(Process #5) systray.exe alters context of (process #18) flling.exe.</li> <li>(Process #5) systray.exe alters context of (process #19) gmailnotifierpro.exe.</li> <li>(Process #5) systray.exe alters context of (process #20) icq.exe.</li> <li>(Process #5) systray.exe alters context of (process #21) leechftp.exe.</li> <li>(Process #5) systray.exe alters context of (process #22) nctftp.exe.</li> <li>(Process #5) systray.exe alters context of (process #23) notepad.exe.</li> <li>(Process #5) systray.exe alters context of (process #24) operamail.exe.</li> <li>(Process #5) systray.exe alters context of (process #25) outlook.exe.</li> <li>(Process #5) systray.exe alters context of (process #26) pidgin.exe.</li> <li>(Process #5) systray.exe alters context of (process #27) scriptftp.exe.</li> <li>(Process #5) systray.exe alters context of (process #28) skype.exe.</li> <li>(Process #5) systray.exe alters context of (process #29) smartftp.exe.</li> <li>(Process #5) systray.exe alters context of (process #30) thunderbird.exe.</li> <li>(Process #5) systray.exe alters context of (process #31) trillian.exe.</li> <li>(Process #5) systray.exe alters context of (process #32) webdrive.exe.</li> <li>(Process #5) systray.exe alters context of (process #33) whatsapp.exe.</li> <li>(Process #5) systray.exe alters context of (process #34) winscp.exe.</li> <li>(Process #5) systray.exe alters context of (process #35) yahoo messenger.exe.</li> <li>(Process #5) systray.exe alters context of (process #36) iexplore.exe.</li> </ul> |       |                |
| 4/5   | Reputation      | Known malicious file   | 2     | -              |
|       |                 | <ul style="list-style-type: none"> <li>Reputation analysis labels the sample itself as Mal/Generic-S.</li> <li>Reputation analysis labels file "C:\Users\RDHJ0C-1\AppData\Local\Temp\pkypr.exe" as Mal/Generic-S.</li> </ul>   |       |                |
| 3/5   | Data Collection | Reads memory of user process   | 27    | -              |

| Score | Category        | Operation  | Count | Classification |
|-------|-----------------|--|-------|----------------|
|       |                 | <ul style="list-style-type: none"> <li>(Process #5) systray.exe reads memory of process (process #9) absolutetelnet.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #10) alftp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #11) 3dftp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #12) barca.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #13) bitkinex.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #14) coreftp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #15) far.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #16) filezilla.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #17) flashfxp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #18) fling.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #19) gmailnotifierpro.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #20) icq.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #21) leechftp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #22) ncftp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #23) notepad.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #24) operamail.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #25) outlook.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #26) pidgin.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #27) scriptftp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #28) skype.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #29) smartftp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #30) thunderbird.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #31) trillian.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #32) webdrive.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #33) whatsapp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #34) winscp.exe.</li> <li>(Process #5) systray.exe reads memory of process (process #35) yahoomessenger.exe.</li> </ul> |       |                |
| 2/5   | Anti Analysis   | Tries to detect kernel debugger  | 1     | -              |
|       |                 | <ul style="list-style-type: none"> <li>(Process #3) pkypr.exe tries to detect a kernel debugger via API "NTQuerySystemInformation".</li> </ul>   |       |                |
| 2/5   | Anti Analysis   | Tries to detect debugger   | 1     | -              |
|       |                 | <ul style="list-style-type: none"> <li>(Process #3) pkypr.exe tries to detect a debugger via API "NTQueryInformationProcess".</li> </ul>   |       |                |
| 2/5   | Hide Tracks     | Deletes file after execution   | 1     | -              |
|       |                 | <ul style="list-style-type: none"> <li>(Process #6) cmd.exe deletes executed executable "c:\users\vrdhj\0cnfevzx\appdata\local\temp\pkypr.exe".</li> </ul>   |       |                |
| 2/5   | Anti Analysis   | Delays execution   | 2     | -              |
|       |                 | <ul style="list-style-type: none"> <li>(Process #5) systray.exe has a thread which sleeps more than 5 minutes.</li> <li>(Process #4) explorer.exe has a thread which sleeps more than 5 minutes.</li> </ul>  |       |                |
| 2/5   | Data Collection | Reads sensitive browser data   | 3     | -              |
|       |                 | <ul style="list-style-type: none"> <li>(Process #5) systray.exe tries to read sensitive data of web browser "Google Chrome" by file.</li> <li>(Process #5) systray.exe tries to read sensitive data of web browser "Opera" by file.</li> <li>(Process #5) systray.exe tries to read credentials of web browser "Internet Explorer" by reading from the system's credential vault.</li> </ul>   |       |                |
| 2/5   | Anti Analysis   | Makes direct system call to possibly evade hooking based sandboxes   | 23    | -              |

| Score | Category    | Operation   | Count | Classification |
|-------|-------------|---|-------|----------------|
|       |             | <ul style="list-style-type: none"> <li>• (Process #3) pkypr.exe makes a direct system call to "NtQueryInformationToken".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtReadVirtualMemory".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtAdjustPrivilegesToken".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtOpenThread".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtClose".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtProtectVirtualMemory".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtQueryInformationProcess".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtReadFile".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtOpenProcessToken".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtAllocateVirtualMemory".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtUnmapViewOfSection".</li> <li>• (Process #2) pkypr.exe makes a direct system call to "NtUnmapViewOfSection".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtQueryInformationFile".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtOpenProcess".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtFreeVirtualMemory".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtCreateFile".</li> <li>• (Process #2) pkypr.exe makes a direct system call to "NtResumeThread".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtResumeThread".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtDelayExecution".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtQuerySystemInformation".</li> <li>• (Process #2) pkypr.exe makes a direct system call to "NtWriteVirtualMemory".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtCreateSection".</li> <li>• (Process #3) pkypr.exe makes a direct system call to "NtMapViewOfSection".</li> </ul> |       |                |
| 2/5   | Injection   | Writes into the memory of a process started from a created or modified executable   | 1     | -              |
|       |             | <ul style="list-style-type: none"> <li>• (Process #2) pkypr.exe modifies memory of (process #3) pkypr.exe.</li> </ul>   |       |                |
| 2/5   | Injection   | Modifies control flow of a process started from a created or modified executable  | 1     | -              |
|       |             | <ul style="list-style-type: none"> <li>• (Process #2) pkypr.exe alters context of (process #3) pkypr.exe.</li> </ul>  |       |                |
| 2/5   | Reputation  | Resolves known suspicious domain  | 2     | -              |
|       |             | <ul style="list-style-type: none"> <li>• Resolved domain "www.zoommachone.xyz" is a known suspicious domain.</li> <li>• Resolved domain "www.portres.online" is a known suspicious domain.</li> </ul>   |       |                |
| 1/5   | Hide Tracks | Creates process with hidden window  | 4     | -              |
|       |             | <ul style="list-style-type: none"> <li>• (Process #1) 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe starts (process #1) 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe with a hidden window.</li> <li>• (Process #2) pkypr.exe starts (process #2) pkypr.exe with a hidden window.</li> <li>• (Process #4) explorer.exe starts (process #4) explorer.exe with a hidden window.</li> <li>• (Process #5) systray.exe starts (process #5) systray.exe with a hidden window.</li> </ul>  |       |                |
| 1/5   | Obfuscation | Reads from memory of another process  | 31    | -              |



| Score | Category            | Operation  | Count | Classification |
|-------|---------------------|--|-------|----------------|
|       |                     | <ul style="list-style-type: none"> <li>(Process #2) pkypr.exe reads from (process #2) pkypr.exe.</li> <li>(Process #3) pkypr.exe reads from (process #4) explorer.exe.</li> <li>(Process #3) pkypr.exe reads from (process #5) systray.exe.</li> <li>(Process #5) systray.exe reads from (process #9) absolutetelnet.exe.</li> <li>(Process #5) systray.exe reads from (process #10) allftp.exe.</li> <li>(Process #5) systray.exe reads from (process #11) 3dftp.exe.</li> <li>(Process #5) systray.exe reads from (process #12) bar.ca.exe.</li> <li>(Process #5) systray.exe reads from (process #13) bitkinex.exe.</li> <li>(Process #5) systray.exe reads from (process #14) coreftp.exe.</li> <li>(Process #5) systray.exe reads from (process #15) far.exe.</li> <li>(Process #5) systray.exe reads from (process #16) filezilla.exe.</li> <li>(Process #5) systray.exe reads from (process #17) flashfxp.exe.</li> <li>(Process #5) systray.exe reads from (process #18) fling.exe.</li> <li>(Process #5) systray.exe reads from (process #19) gmailnotifierpro.exe.</li> <li>(Process #5) systray.exe reads from (process #20) icq.exe.</li> <li>(Process #5) systray.exe reads from (process #21) leechftp.exe.</li> <li>(Process #5) systray.exe reads from (process #22) nctftp.exe.</li> <li>(Process #5) systray.exe reads from (process #23) notepad.exe.</li> <li>(Process #5) systray.exe reads from (process #24) operamail.exe.</li> <li>(Process #5) systray.exe reads from (process #25) outlook.exe.</li> <li>(Process #5) systray.exe reads from (process #26) pidgin.exe.</li> <li>(Process #5) systray.exe reads from (process #27) scriptftp.exe.</li> <li>(Process #5) systray.exe reads from (process #28) skype.exe.</li> <li>(Process #5) systray.exe reads from (process #29) smartftp.exe.</li> <li>(Process #5) systray.exe reads from (process #30) thunderbird.exe.</li> <li>(Process #5) systray.exe reads from (process #31) trillian.exe.</li> <li>(Process #5) systray.exe reads from (process #32) webdrive.exe.</li> <li>(Process #5) systray.exe reads from (process #33) whatsapp.exe.</li> <li>(Process #5) systray.exe reads from (process #34) winscp.exe.</li> <li>(Process #5) systray.exe reads from (process #35) yahoo messenger.exe.</li> <li>(Process #5) systray.exe reads from (process #36) iexplore.exe.</li> </ul> |       |                |
| 1/5   | Obfuscation         | Creates a page with write and execute permissions  | 1     | -              |
|       |                     | <ul style="list-style-type: none"> <li>(Process #2) pkypr.exe allocates a page in a foreign process with "PAGE_EXECUTE_READWRITE" permissions, often used to dynamically unpack code.</li> </ul>   |       |                |
| 1/5   | System Modification | Modifies operating system directory  | 3     | -              |
|       |                     | <ul style="list-style-type: none"> <li>(Process #3) pkypr.exe creates file "\\?\C:\Windows\SYSTEM32\ntdll.dll" in the OS directory.</li> <li>(Process #5) systray.exe creates file "\\?\C:\Windows\SYSTEM32\ntdll.dll" in the OS directory.</li> <li>(Process #36) iexplore.exe creates file "\\?\C:\Windows\SYSTEM32\ntdll.dll" in the OS directory.</li> </ul>   |       |                |
| 1/5   | Mutex               | Creates mutex  | 4     | -              |
|       |                     | <ul style="list-style-type: none"> <li>(Process #5) systray.exe creates mutex with name "6NON26-3X60UXYZ".</li> <li>(Process #5) systray.exe creates mutex with name "5M764PD81WX9E20z".</li> <li>(Process #4) explorer.exe creates mutex with name "S-1-5-21-1560258-193263778575".</li> <li>(Process #8) iexplore.exe creates mutex with name "S-1-5-21-1560258-14963319274527".</li> </ul>  |       |                |
| 1/5   | Persistence         | Installs system startup script or application  | 1     | -              |
|       |                     | <ul style="list-style-type: none"> <li>(Process #5) systray.exe adds "C:\Program Files (x86)\Lbvxh9hm\1byd2dsxipq.exe" to Windows startup via registry.</li> </ul>   |       |                |
| 1/5   | Discovery           | Possibly does reconnaissance   | 2     | -              |

| Score | Category           | Operation  | Count | Classification |
|-------|--------------------|--|-------|----------------|
|       |                    | <ul style="list-style-type: none"> <li>(Process #5) sys tray.exe tries to gather information about application "Mozilla Firefox" by registry.</li> <li>(Process #5) sys tray.exe tries to gather information about application "Mozilla Firefox" by file.</li> </ul>   |       |                |
| 1/5   | Network Connection | Performs DNS request   | 23    | -              |
|       |                    | <ul style="list-style-type: none"> <li>(Process #4) explorer.exe resolves host name "www.palia.world" to IP "34.102.136.180".</li> <li>(Process #4) explorer.exe resolves host name "www.futtermitflo.com" to IP "192.0.78.25".</li> <li>(Process #4) explorer.exe resolves host name "www.tenthgenerationtorah.com" to IP "103.224.212.220".</li> <li>(Process #4) explorer.exe resolves host name "www.toastpack.com" to IP "34.102.136.180".</li> <li>(Process #4) explorer.exe resolves host name "www.greenlightteams.com" to IP "209.99.64.33".</li> <li>(Process #4) explorer.exe resolves host name "www.digitalfactoryinstitut.com" to IP "217.70.184.50".</li> <li>(Process #4) explorer.exe resolves host name "www.protocolofresco.site" to IP "-".</li> <li>(Process #4) explorer.exe resolves host name "www.sans-gluten.store" to IP "-".</li> <li>(Process #4) explorer.exe resolves host name "www.bangkokcollections.com" to IP "3.108.154.143".</li> <li>(Process #4) explorer.exe resolves host name "www.techkaisimi.com" to IP "70.39.125.244".</li> <li>(Process #4) explorer.exe resolves host name "www.perstockholm.com" to IP "156.234.16.189".</li> <li>(Process #4) explorer.exe resolves host name "www.aceites.info" to IP "82.163.176.128".</li> <li>(Process #4) explorer.exe resolves host name "www.hsf777.com" to IP "23.224.102.249".</li> <li>(Process #4) explorer.exe resolves host name "www.zhida95.com" to IP "134.73.225.58".</li> <li>(Process #4) explorer.exe resolves host name "www.zoommachone.xyz" to IP "85.159.66.93".</li> <li>(Process #4) explorer.exe resolves host name "www.portres.online" to IP "162.213.255.214".</li> <li>(Process #4) explorer.exe resolves host name "www.meredithlobrien.com" to IP "34.102.136.180".</li> <li>(Process #4) explorer.exe resolves host name "www.bulkheadsrestaurantgroup.com" to IP "199.59.243.200".</li> <li>(Process #4) explorer.exe resolves host name "www.apremotesamsung.com" to IP "103.224.212.222".</li> <li>(Process #4) explorer.exe resolves host name "www.baigouw.com" to IP "-".</li> <li>(Process #4) explorer.exe resolves host name "www.bhreselect.com" to IP "34.102.136.180".</li> <li>(Process #4) explorer.exe resolves host name "www.triumphgroup.xyz" to IP "172.67.210.242".</li> <li>(Process #4) explorer.exe resolves host name "www.tyrs-it.com" to IP "103.224.212.221".</li> </ul> |       |                |
| 1/5   | Network Connection | Connects to remote host  | 17    | -              |
|       |                    | <ul style="list-style-type: none"> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "3.108.154.143:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "34.102.136.180:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "23.224.102.249:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "70.39.125.244:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "85.159.66.93:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "103.224.212.222:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "162.213.255.214:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "192.0.78.25:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "156.234.16.189:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "172.67.210.242:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "217.70.184.50:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "134.73.225.58:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "209.99.64.33:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "103.224.212.220:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "103.224.212.221:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "199.59.243.200:80".</li> <li>(Process #4) explorer.exe opens an outgoing TCP connection to host "82.163.176.128:80".</li> </ul>   |       |                |
| 1/5   | Obfuscation        | Overwrites code  | 3     | -              |

| Score | Category  | Operation   | Count | Classification |
|-------|-----------|---|-------|----------------|
|       |           | <ul style="list-style-type: none"> <li>• (Process #36) iexplore.exe overwrites code to possibly hide behavior.</li> <li>• (Process #4) explorer.exe overwrites code to possibly hide behavior.</li> <li>• (Process #8) iexplore.exe overwrites code to possibly hide behavior.</li> </ul> |       |                |
| 1/5   | Execution | Executes dropped PE file  | 1     | -              |
|       |           | <ul style="list-style-type: none"> <li>• Executes dropped file "C:\Users\RDHJOC~1\AppData\Local\Temp\pkyp.exe".</li> </ul>  |       |                |
| -     | Trusted   | Known clean file  | 2     | -              |
|       |           | <ul style="list-style-type: none"> <li>• File "" is a known clean file.</li> <li>• Embedded file "" is a known clean file.</li> </ul>   |       |                |

**Malware Configuration: FormBook**

| Metadata   | Key   | Extracted Value      |
|------------|-------|----------------------|
| Version    | Value | 4.1                  |
| Mission ID | Value | m0d4                 |
| URL        | Url   | www.hsf777.com/m0d4/ |

|       |                            |
|-------|----------------------------|
| Value | prettyhairdivas.mobi       |
| Value | cityblocksnft.com          |
| Value | laraqiz.com                |
| Value | mubarakdigitalmedia.com    |
| Value | perstockholm.com           |
| Value | xn--imprio-dva.site        |
| Value | baigouw.com                |
| Value | support-client-video.com   |
| Value | phomas.info                |
| Value | dengedizayn.com            |
| Value | zoommachone.xyz            |
| Value | houseofflancasterhours.com |
| Value | petarungslot.website       |
| Value | tyrs-it.com                |
| Value | dalianzhuchiren.com        |
| Value | tenthgenerationtorah.com   |
| Value | portres.online             |
| Value | 1-minute.store             |
| Value | shikakunazo.com            |
| Value | veymes.store               |
| Value | ruvedaj.xyz                |
| Value | apremotesamsung.com        |
| Value | palia.world                |
| Value | you-sayso.com              |
| Value | nftsofis.com               |
| Value | arthamandirialkesindo.com  |
| Value | bangkhacollections.com     |
| Value | digitalfactoryinstitut.com |
| Value | aceites.info               |
| Value | altcoinwatcher.com         |
| Value | pearlsofgraceinc.com       |
| Value | xianzyw.com                |
| Value | gxclzs.com                 |
| Value | greenlightteams.com        |
| Value | aavinya.com                |
| Value | sans-gluten.store          |
| Value | clanbeware.com             |
| Value | protocolohfresco.site      |
| Value | meredithlobrien.com        |
| Value | cryoablation.xyz           |
| Value | avicciiibook.com           |
| Value | toastpack.com              |
| Value | linktosmutgoeshere.com     |
| Value | 38289.xyz                  |
| Value | xn--08s.com                |
| Value | techkaisimi.com            |
| Value | jllpx.com                  |
| Value | dubaicarclinic.com         |
| Value | zhidao95.com               |
| Value | aletterboxd.com            |
| Value | warrantyglobe.com          |
| Value | mindfeed.pro               |
| Value | bhreselect.com             |
| Value | sdfijsdjidf.xyz            |
| Value | russetconstruction.com     |
| Value | futternmitflo.com          |
| Value | runvision.com              |

Other: Decoy URL

Mitre ATT&CK Matrix

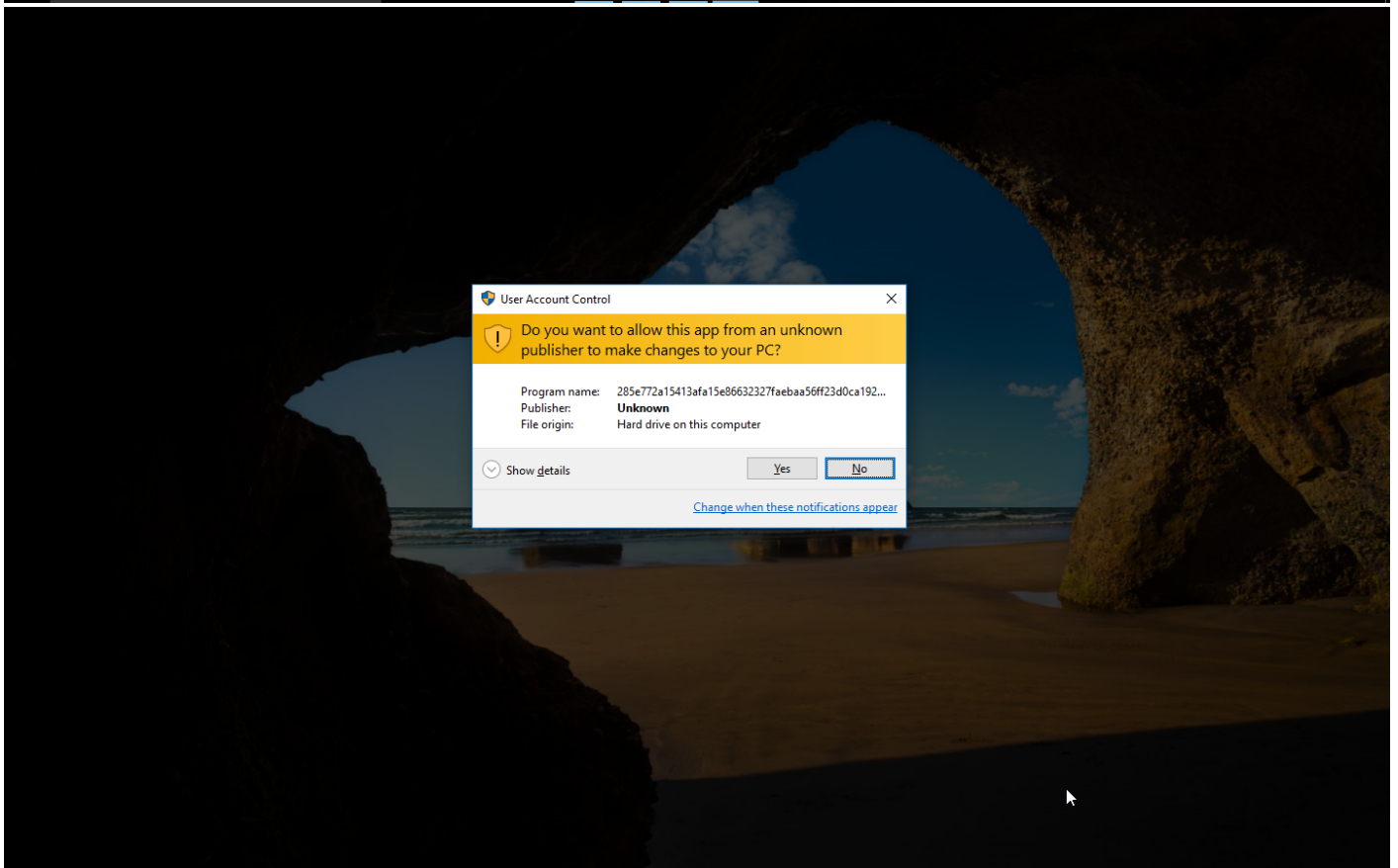
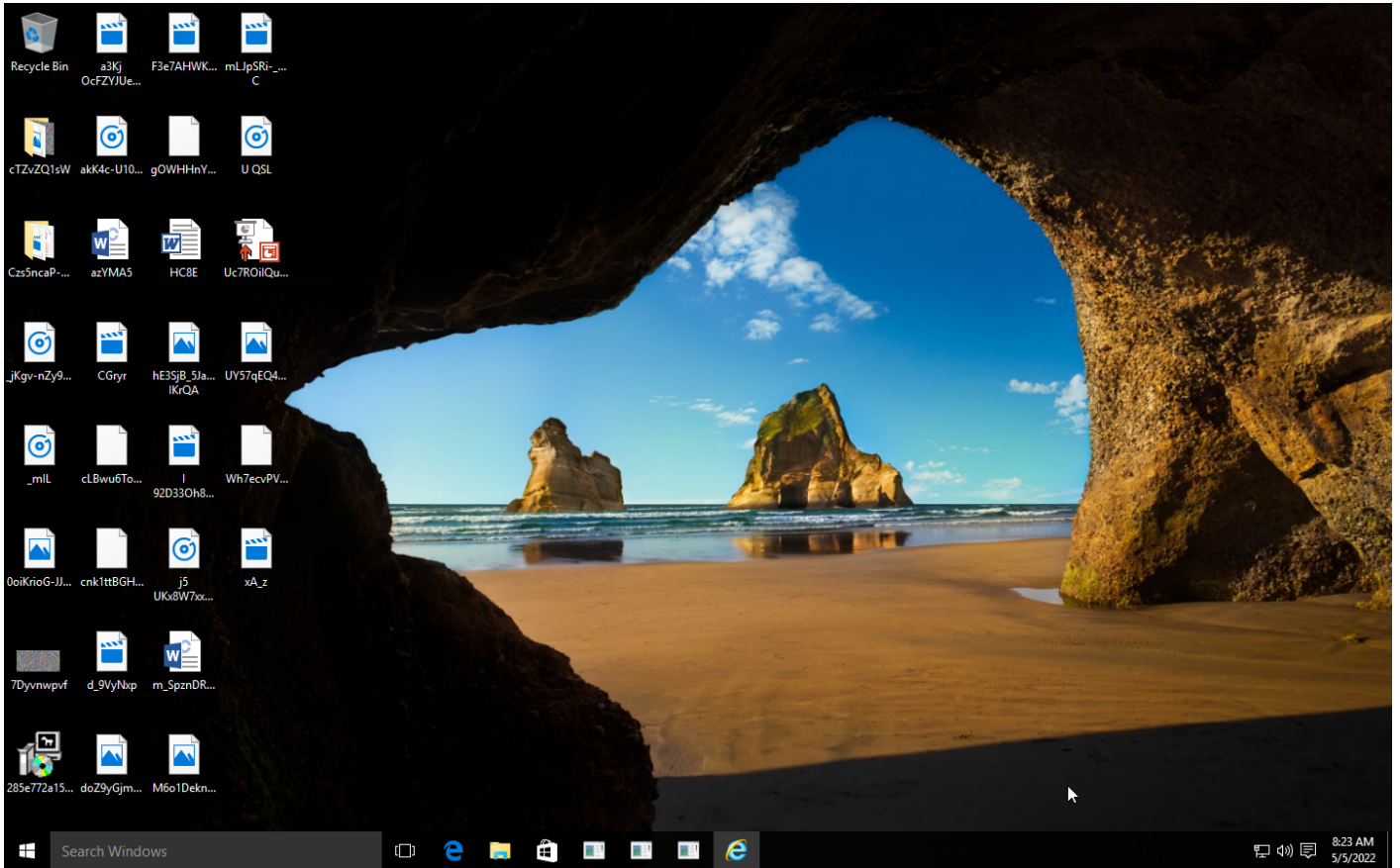
| Initial Access | Execution | Persistence                                  | Privilege Escalation | Defense Evasion            | Credential Access              | Discovery                              | Lateral Movement | Collection                       | Command and Control | Exfiltration | Impact |
|----------------|-----------|--|----------------------|----------------------------|--------------------------------|--|------------------|----------------------------------|---------------------|--------------|--------|
|                |           | #T1060<br>Registry Run Keys / Startup Folder | #T1179<br>Hooking    | #T1143<br>Hidden Window    | #T1081<br>Credentials in Files | #T1012<br>Query Registry               |                  | #T1119<br>Automated Collection   |                     |              |        |
|                |           | #T1179<br>Hooking                            |                      | #T1045<br>Software Packing | #T1003<br>Credential Dumping   | #T1083<br>File and Directory Discovery |                  | #T1005<br>Data from Local System |                     |              |        |
|                |           |  |                      | #T1112<br>Modify Registry  | #T1179<br>Hooking              |  |                  | #T1185<br>Man in the Browser     |                     |              |        |

**Sample Information**

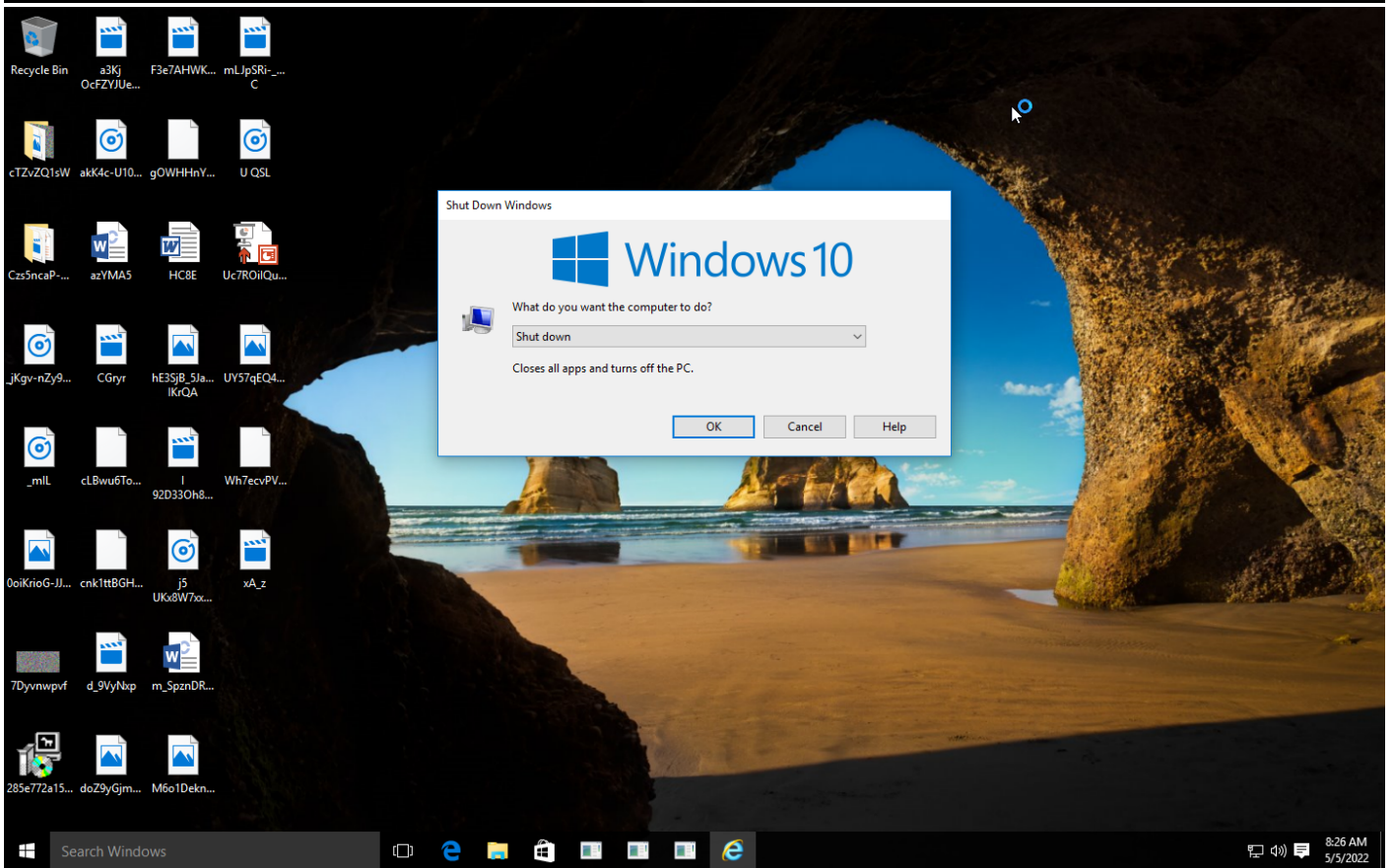
|             |  |
|-------------|--|
| ID          | #4264217   |
| MD5         | 6f111b596da1ac7d71c4362b18309648                                     |
| SHA1        | e09f8065342a4c8664148bec4b0d9265e7e5842a                             |
| SHA256      | 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96     |
| SSDeep      | 6144:HNeZmLfHg6+reKq0Uzme51aUUTzC92gBE:HNILvX+12auAVTzhg+            |
| ImpHash     | 56a78d55f3f7af51443e58e0ce2fb5f6                                     |
| File Name   | 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe |
| File Size   | 214.18 KB  |
| Sample Type | Windows Exe (x86-32)   |
| Has Macros  | ✓  |

**Analysis Information**

|                               |  |
|-------------------------------|--|
| Creation Time                 | 2022-05-05 10:21 (UTC+2)   |
| Analysis Duration             | 00:04:00   |
| Termination Reason            | Timeout  |
| Number of Monitored Processes | 35   |
| Execution Successful          | False  |
| Reputation Enabled            | ✓  |
| WHOIS Enabled                 | ✓  |
| Built-in AV Enabled           | ✘  |
| Built-in AV Applied On        | Sample Files, PCAP File, Downloaded Files, Dropped Files, Modified Files, Memory Dumps, Embedded Files |
| Number of AV Matches          | 0  |
| YARA Enabled                  | ✓  |
| YARA Applied On               | Sample Files, PCAP File, Downloaded Files, Dropped Files, Modified Files, Memory Dumps, Embedded Files |
| Number of YARA Matches        | 20   |







Screenshots truncated

## NETWORK

### General

12.39 KB total sent  
 48.36 KB total received  
 4 ports 80, 139, 53, 445  
 18 contacted IP addresses  
 29 URLs extracted  
 9 files downloaded  
 0 malicious hosts detected

### DNS

28 DNS requests for 23 domains  
 1 nameservers contacted  
 7 total requests returned errors

### HTTP/S

20 URLs contacted, 17 servers  
 1 sessions, 10.68 KB sent, 46.66 KB received

### HTTP Requests

| Method | URL   | Dest. IP | Dest. Port | Status Code | Response Size | Verdict |
|--------|---|----------|------------|-------------|---------------|---------|
| GET    | http://i3.cdn-image.com/_media_/js/min.js?v2.3  | -        | -          |             | 0 bytes       | NA      |
| GET    | http://greenlightteams.com  | -        | -          |             | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/Free_Credit_Report.cfm?fp=C6Ko6iS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2FH... ..As3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=11539660&ktid=0&klid=1061&kp=2 | -        | -          |             | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/song_lyrics.cfm?fp=C6Ko6iS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2FHUo77fol... ..As3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=26527269&ktid=0&klid=1061&kp=7 | -        | -          |             | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/px.js?ch=2   | -        | -          |             | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/sk-privacy.php   | -        | -          |             | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/display.cfm  | -        | -          |             | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/Best_Mortgage_Rates.cfm?fp=C6Ko6iS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2F... ..hAs3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=3477850&ktid=0&klid=1061&kp=6 | -        | -          |             | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/sk-logabpstatus.php?a=MkcyNnhMa3RleU5FdWpNTEtGbxhuNHNGMIFNeXUxOHN3V25QUJFFJdkw0ZIBxRU9XQldOUUpUWTBTRDBGNlVPblQvMGZrZndBeHoyWjjhmcWJaZ3F0eDdJWEk1am9FvVfVVGROZ2RKTlVadG5vZ0JVU2d4dTkvemFCeK5Jdlp3S3Y=&b=  | -        | -          |             | 0 bytes       | NA      |

| Method | URL   | Dest. IP | Dest. Port | Status Code | Response Size | Verdict |
|--------|---|----------|------------|-------------|---------------|---------|
| GET    | http://www.greenlightteams.com/10_Best_Mutual_Funds.cfm?fp=C6Ko6iS0m791FEdtlyzy7TY22jiBV0%2B8jjiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2...cmhAs3mhUfHowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=72996&kt=0&kid=1061&kp=3 | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/fashion_trends.cfm?fp=C6Ko6iS0m791FEdtlyzy7TY22jiBV0%2B8jjiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2FHUo77...As3mhUfHowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=10542279&kt=0&kid=1061&kp=4 | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/Credit_Card_Application.cfm?fp=C6Ko6iS0m791FEdtlyzy7TY22jiBV0%2B8jjiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rd...hAs3mhUfHowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=7242435&kt=0&kid=1061&kp=5 | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/px.js?ch=1   | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/Best_Penny_Stocks.cfm?fp=C6Ko6iS0m791FEdtlyzy7TY22jiBV0%2B8jjiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2FHU...hAs3mhUfHowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=3482138&kt=0&kid=1061&kp=1 | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.perstockholm.com/m0d4/?VrPHWV=O8Yh2h6&AL08=7XWYUfYABOVdAnpCCqIHg oLhtNBn8sw1plAzqMfSF02fZrSrsWz8Q9PBCcJLz0Y4XBbh2Pg==  | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.futternmitflo.com/m0d4/?VrPHWV=O8Yh2h6&AL08=hu5yYLRdsgKsg3JM32LgSQUlcoZL968qMfJR5TUyFTxWRvIKvb31X9wP6Ygmle9CA==  | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.aceites.info/m0d4/?AL08=TbolzpT9rXeZ91U9wHpx+nZxEa9zONUu6oxAitLGSU2Wdu93eLhJ7o42pW1H17q81Ltg==&FX10rv=UL00qTmprnV  | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.apremotesamsung.com/m0d4/?VrPHWV=O8Yh2h6&AL08=hUVgbolmL0sC7LaC3NHw8YP+GFS1BdzeLBIZXKVOXmYliZu5gDV6Bh8//TUt3X9hKJEw==   | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.meredithlobrien.com/m0d4/?VrPHWV=O8Yh2h6&AL08=46O1sEyR4/vvH+blwVUeRrKpxvMq4OD5F1CZbWpFi2fYASfWdQWFwztdAKhmRJ+qi5Ayg==  | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.techkaisimi.com/m0d4/?AL08=b0hN01faq5o0lbg11tSUAJi6Uz2M7c/b3NITCAx7SArJmPdEQU3/RrFLto8yLo00cRIQ==&VrPHWV=O8Yh2h6   | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.toastpack.com/m0d4/?AL08=C0FyLQDmOvxjZakspQ6bMY13TbPr/9cf9RMzvcwLb2zn1gZl3lQfJU9Qg6oJU7QnfBxw==&FX10rv=UL00qTmprnV   | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.digitalfactoryinstitut.com/m0d4/?AL08=c08ZTacAukQC5NeLWtuBWKo+UaWFOcWy6CEIHhedBNHZ3lXeC1VbOKb5CJ1Nxa24KM0Hg==&VrPHWV=O8Yh2h6   | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.tyrs-it.com/m0d4/?AL08=EIBAPrlixbPMIKHauOaocozOgBY3ZNEx11yXENDBN/y9A0rELwXOOj/ARjpOVLCDnmCVg==&VrPHWV=O8Yh2h6  | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.tenthgenerationtorah.com/m0d4/?AL08=mGIUdW2Hhm2PG3zh9JwTEQVxirr1ywQmw3qGssNmbrB1xVceB7WEhf7r3Lqhy6k1kXdJdA==&FX10rv=UL00qTmprnV  | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.zoommachone.xyz/m0d4/?AL08=/qzckqyCc8rrPOLAqXCRRlW/xaz6lwoS3VigV0+3PEneE62ghz0EbMW68KNNy8Z877lwzq==&VrPHWV=O8Yh2h6   | -        | -          | -           | 0 bytes       | NA      |

| Method | URL  | Dest. IP | Dest. Port | Status Code | Response Size | Verdict |
|--------|--|----------|------------|-------------|---------------|---------|
| GET    | http://www.palia.world/m0d4/?AL08=NmHDKYpLtOaunO6yJwQ7t7bjBEDSMmb6uyC2Rdc4sC+38r/w1LF5LwewBdTfUGNSbbzrJiw==&FX10rv=UL00qTmnpvW             | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.hsf777.com/m0d4/?AL08=7Xa4BbX+EF+ObOkfkW9GY8TeBGxHEZixmbVHdNSFZSwo63rM1BfaWFzyWRopavNogmBAQ==&VrPHWV=O8Yh2h6                    | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.bhresselect.com/m0d4/?AL08=D3Y0Pm5nPvru/us5CxwPidK6v2Fqkg7A+JactShsSyS/ES72bWbDUd0/Tx/17x61cBJA==&FX10rv=UL00qTmnpvW            | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.zhida95.com/m0d4/?VrPHWV=O8Yh2h6&AL08=NAAVMfftY9s/9fH8R/zh9xXRUU+fA/5qjMZ7rGtT7+HDshSMwhe2Brbhhu7bulHK1waO+A==                  | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.portres.online/m0d4/?AL08=5QX2iL+pw2MYMDUFTlweWLkahJ87DwoOP3aWzqgiacXlFD4ogajsqjANYZwMBPyx7TGQ==&VrPHWV=O8Yh2h6                 | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.bulkheadsrestaurantgroup.com/m0d4/?VrPHWV=O8Yh2h6&AL08=ihChw7NkvHHnp4ehDSAV07TGAws7cY1ooq91uq/CHYSLKFZDBb5B+puRdm5bVlmhTydU0w== | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.triumphgroup.xyz/m0d4/?AL08=99EE7/YJ7QYJ6gl7IR9e36EGMnrjppKCX93zWfmkIY/R6ohvJ2OXPesLVXdNj3uSa3MFGA==&FX10rv=UL00qTmnpvW         | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.greenlightteams.com/m0d4/?AL08=/cmhAs3mhUFhowqdiCjOgaitQbNmQmqm1CrzY/waXB8iQoULo0f16dJ4RZxCcSONHg0lgg==&VrPHWV=O8Yh2h6          | -        | -          | -           | 0 bytes       | NA      |
| GET    | http://www.bangkokcollections.com/m0d4/?AL08=a0iJBX+S++1VW5Q9aJjR6oBYSDmg74u/0Xh/v7LWlnF5XrfrQ4u5i2H6z+dJOBGxTNhw==&FX10rv=UL00qTmnpvW     | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://parking.bodiscdn.com   | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://shop.gandi.net/en/domain/suggest?search=digitalfactoryinstitut.com&source=parking  | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://shop.gandi.net/en/domain/transfer  | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://shop.gandi.net/en  | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://www.google.com   | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://news.gandi.net/en  | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://help.gandi.net/en  | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://www.gandi.net/en/domain  | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://www.gandi.net/en/security  | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://www.gandi.net/en/cloud   | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://www.gandi.net/en   | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://www.gandi.net/en/simple-hosting  | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://fonts.googleapis.com   | -        | -          | -           | 0 bytes       | NA      |
| GET    | https://whois.gandi.net/en/results?search=digitalfactoryinstitut.com   | -        | -          | -           | 0 bytes       | NA      |

**DNS Requests**

| Type | Hostname                     | Response Code | Resolved IPs   | CNames      | Verdict |
|------|------------------------------|---------------|----------------|-------------|---------|
| A    | www.baigouw.com              | -             |                |             | NA      |
| A    | www.palia.world, palia.world | NO_ERROR      | 34.102.136.180 | palia.world | NA      |

| Type | Hostname   | Response Code | Resolved IPs   | CNames  | Verdict |
|------|--|---------------|--|---|---------|
| A    | www.futternmitflo.com, futternmitflo.com                               | NO_ERROR      | 192.0.78.25, 192.0.78.24   | futternmitflo.com                                 | NA      |
| A    | www.tenthgenerationtorah.com   | NO_ERROR      | 103.224.212.220  |   | NA      |
| A    | www.toastpack.com, toastpack.com                                       | NO_ERROR      | 34.102.136.180   | toastpack.com                                     | NA      |
| A    | www.greenlightteams.com  | NO_ERROR      | 209.99.64.33   |   | NA      |
| A    | www.digitalfactoryinstitut.com, webredir.vip.gandi.net                 | NO_ERROR      | 217.70.184.50  | webredir.vip.gandi.net                            | NA      |
| A    | www.protocolohfresco.site  | NX_DOMAIN     |  |   | NA      |
| A    | www.sans-gluten.store  | NX_DOMAIN     |  |   | NA      |
| A    | www.bangkhacollections.com   | NO_ERROR      | 3.108.154.143  |   | NA      |
| A    | www.techkaisimi.com, parking.namesilo.com                              | NO_ERROR      | 70.39.125.244, 64.32.22.102, 107.161.23.204, 209.141.38.71, 45.58.190.82, 168.235.88.209, 204.188.203.155, 192.161.187.200, 198.251.84.92, 198.251.81.30 | parking.namesilo.com                              | NA      |
| A    | www.perstockholm.com   | NO_ERROR      | 156.234.16.189   |   | NA      |
| A    | www.aceites.info, aceites.info   | NO_ERROR      | 82.163.176.128   | aceites.info                                      | NA      |
| A    | www.hsf777.com   | NO_ERROR      | 23.224.102.249   |   | NA      |
| A    | www.zhida095.com   | NO_ERROR      | 134.73.225.58  |   | NA      |
| A    | www.zoommachone.xyz, redirect.natrocdn.com, natroredirect.natrocdn.com | NO_ERROR      | 85.159.66.93   | redirect.natrocdn.com, natroredirect.natrocdn.com | NA      |
| A    | www.portres.online   | NO_ERROR      | 162.213.255.214  |   | NA      |
| A    | www.meredithlobrien.com, meredithlobrien.com                           | NO_ERROR      | 34.102.136.180   | meredithlobrien.com                               | NA      |
| A    | www.bulkheadsrestaurantgroup.com                                       | NO_ERROR      | 199.59.243.200   |   | NA      |
| A    | www.apremotesamsung.com  | NO_ERROR      | 103.224.212.222  |   | NA      |
| A    | www.bhreselect.com, bhreselect.com                                     | NO_ERROR      | 34.102.136.180   | bhreselect.com                                    | NA      |
| A    | www.triumphgroup.xyz   | NO_ERROR      | 172.67.210.242, 104.21.77.185  |   | NA      |
| A    | www.tyrs-it.com  | NO_ERROR      | 103.224.212.221  |   | NA      |



**Process #1: 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe**

|                           |   |
|---------------------------|---|
| ID                        | 1   |
| File Name                 | c:\users\rdhj0cnfevz\desktop\285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe     |
| Command Line              | "C:\Users\RDhJ0CNFevz\X\Desktop\285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe" |
| Initial Working Directory | C:\Users\RDhJ0CNFevz\X\Desktop\   |
| Monitor Start Time        | Start Time: 78882, Reason: Analysis Target  |
| Unmonitor End Time        | End Time: 119344, Reason: Terminated  |
| Monitor duration          | 40.46s  |
| Return Code               | 0   |
| PID                       | 2104  |
| Parent PID                | 1932  |
| Bitness                   | 32 Bit  |

**Dropped Files (4)**

| File Name  | File Size | SHA256   | YARA Match |
|--|-----------|--|------------|
| C:\Users\RDHJ0C~1\AppData\Local\Temp\zpthwca             | 4.85 KB   | 1fbfc239148369ed5bd7713e21cf351a45f784cb79c71ec101cf31b037f58e9c | ✘          |
| C:\Users\RDHJ0C~1\AppData\Local\Temp\low7v8lrfalu0lz3762 | 185.00 KB | f11f0f6d81d98dd389b02d946fe8273591ade4b3c7a6da29820449eb392186fe | ✘          |
| C:\Users\RDHJ0C~1\AppData\Local\Temp\nstC98.tmp          | 0 bytes   | e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855  | ✘          |
| C:\Users\RDHJ0C~1\AppData\Local\Temp\nsa582.tmp          | 0 bytes   | e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855  | ✘          |

**Host Behavior**

| Type    | Count |
|---------|-------|
| File    | 158   |
| System  | 50    |
| Module  | 26    |
| Process | 1     |

**Process #2: pkypr.exe**

|                           |   |
|---------------------------|---|
| ID                        | 2   |
| File Name                 | c:\users\rdhj0c\appdata\local\temp\pkypr.exe  |
| Command Line              | C:\Users\RDHJ0C-1\AppData\Local\Temp\pkypr.exe C:\Users\RDHJ0C-1\AppData\Local\Temp\zpthwca |
| Initial Working Directory | C:\Users\RDHJ0C-1\AppData\Local\Temp\   |
| Monitor Start Time        | Start Time: 115011, Reason: Child Process   |
| Unmonitor End Time        | End Time: 119420, Reason: Terminated  |
| Monitor duration          | 4.41s   |
| Return Code               | 0   |
| PID                       | 3236  |
| Parent PID                | 2104  |
| Bitness                   | 32 Bit  |

**Host Behavior**

| Type    | Count |
|---------|-------|
| -       | 5     |
| -       | 3     |
| Module  | 5     |
| File    | 20    |
| Process | 1     |



**Process #3: pkypr.exe**

|                           |  |
|---------------------------|--|
| ID                        | 3  |
| File Name                 | c:\users\rdhj0cnfevzxlappdata\local\temp\pkypr.exe   |
| Command Line              | C:\Users\RDHJ0C~1\AppData\Local\Temp\pkypr.exe C:\Users\RDHJ0C~1\AppData\Local\Temp\zpcwthca |
| Initial Working Directory | C:\Users\RDHJ0C~1\AppData\Local\Temp\  |
| Monitor Start Time        | Start Time: 117245, Reason: Child Process  |
| Unmonitor End Time        | End Time: 129171, Reason: Terminated   |
| Monitor duration          | 11.93s   |
| Return Code               | 0  |
| PID                       | 1616   |
| Parent PID                | 3236   |
| Bitness                   | 32 Bit   |

**Injection Information (4)**

| Injection Type      | Source Process   | Source / Target TID | Address / Name         | Size    | Success | Count |
|---------------------|--|---------------------|------------------------|---------|---------|-------|
| Modify Memory       | #2: c:\users\rdhj0cnfevzxlappdata\local\temp\pkypr.exe | 0x79c               | 0x400000(4194304)      | 0x200   | ✓       | 1     |
| Modify Memory       | #2: c:\users\rdhj0cnfevzxlappdata\local\temp\pkypr.exe | 0x79c               | 0x401000(4198400)      | 0x2d200 | ✓       | 1     |
| Modify Memory       | #2: c:\users\rdhj0cnfevzxlappdata\local\temp\pkypr.exe | 0x79c               | 0x37b008(3649544)      | 0x4     | ✓       | 1     |
| Modify Control Flow | #2: c:\users\rdhj0cnfevzxlappdata\local\temp\pkypr.exe | 0x79c / 0x84        | 0x778a8fe0(2005569504) | -       | ✓       | 1     |

**Host Behavior**

| Type        | Count |
|-------------|-------|
| System      | 5     |
| Module      | 14    |
| Process     | 6     |
| -           | 8     |
| File        | 10    |
| -           | 3     |
| User        | 1     |
| -           | 1     |
| -           | 1     |
| Environment | 1     |

**Process #4: explorer.exe**

|                           |   |
|---------------------------|---|
| ID                        | 4   |
| File Name                 | c:\windows\explorer.exe                         |
| Command Line              | C:\Windows\Explorer.EXE                         |
| Initial Working Directory | C:\Windows\system32\                            |
| Monitor Start Time        | Start Time: 120393, Reason: Injection           |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout |
| Monitor duration          | 201.95s   |
| Return Code               | Unknown   |
| PID                       | 1932  |
| Parent PID                | -   |
| Bitness                   | 64 Bit  |

**Injection Information (7)**

| Injection Type      | Source Process   | Source / Target TID | Address / Name        | Size     | Success | Count |
|---------------------|--|---------------------|-----------------------|----------|---------|-------|
| Modify Memory       | #3: c:\users\rldhj\ocnfevz\lappdata\local\temp\pkypr.exe | 0x84                | 0x4e60000(82182144)   | 0xbf000  | ✓       | 1     |
| Modify Control Flow | #3: c:\users\rldhj\ocnfevz\lappdata\local\temp\pkypr.exe | 0x84 / 0x790        | 0x4e7ddd9(82304473)   | -        | ✓       | 1     |
| Modify Control Flow | #3: c:\users\rldhj\ocnfevz\lappdata\local\temp\pkypr.exe | 0x84 / 0x790        | 0xcf648(849480)       | -        | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe                       | 0x38c               | 0x120e0000(302907392) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe                       | 0x38c               | 0x8260000(136708096)  | 0xdc000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe                       | 0x38c / 0x790       | 0xcfa98(850584)       | -        | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe                       | 0x38c / 0x790       | 0x82b6dc2(137063874)  | -        | ✓       | 1     |

**Dropped Files (13)**

| File Name | File Size | SHA256  | YARA Match |
|-----------|-----------|---|------------|
| -         | 1.84 KB   | 8bfaef8f597d230d4ea25c648aaa2e1084b23a2767e9080a683e5d1809c327a   | ✘          |
| -         | 206.50 KB | 95470a8814917743eb95d5d989214e22fa20ac6512f0269af500560e8365e847  | ✘          |
| -         | 910 bytes | e92552d87801e9701344738ed5a7cf6a1b33c55aa9ecebd29d68343bd3e716aa  | ✘          |
| -         | 207.54 KB | 8900ae8d1e0f2a1e2d8d8c086c5e362c25e4bf6a678b7e34d558ccd7df6dd76d  | ✘          |
| -         | 210.50 KB | 3d4aa9e06c956b9bb055bb3b94dceaedf97f9428ba5b7771ed8e73976553fad4  | ✘          |
| -         | 1.11 KB   | 9203aed488797efdeef726a3d0ea865c2a0d53783abc6f12967f3e3d5078919b  | ✘          |
| -         | 1.49 KB   | 1ce1c693075e9ff018bb82c5b5d644e773648194773b59d3f6d85d2420b192aa  | ✘          |
| -         | 2.56 KB   | 2d3c9cc4880e5a8d8bb583c6be6f5826de19291405734ec9e3899eaaee78e431a | ✘          |

| File Name  | File Size | SHA256   | YARA Match |
|--|-----------|--|------------|
| \\??:C:\Users\RDhJ0CNFevzX\AppData\Roaming\5M764PD8\5M7logim.jpeg      | 137.05 KB | 957721a37f4c25b42bf710e139d46655a7b3c37ee6f2076c52bd7e13df7d34f1 | ✘          |
| \\??:C:\Users\RDhJ0CNFevzX\AppData\Roaming\5M764PD8\5M7logrv.ini       | 40 bytes  | 6eebf968962745b2e9de2ca969af7c424916d4e3fe3cc0bb9b3d414abfce9507 | ✘          |
| \\??:C:\Users\RDhJ0CNFevzX\AppData\Local\Temp\Lbxfx9hm\1byd2dsxipq.exe | 5.00 KB   | 99b049d5615612c79da226823c3b8d173e66e73bb1c99d0215282274685162ed | ✘          |
| \\??:C:\Users\RDhJ0CNFevzX\AppData\Roaming\5M764PD8\5M7logrc.ini       | 1.75 KB   | 3f20b4605a2a543557ff9f208c286aef88fd05200f0c6150d35f1402507bd228 | ✘          |
| \\??:C:\Users\RDhJ0CNFevzX\AppData\Roaming\5M764PD8\5M7logri.ini       | 40 bytes  | eaec2eba6310253249603033c744dd5914089b0bb26bde6685ec9813611baae  | ✘          |

**Host Behavior**

| Type    | Count |
|---------|-------|
| System  | 8847  |
| File    | 358   |
| -       | 25    |
| Mutex   | 1     |
| COM     | 1     |
| Process | 1     |
| Module  | 3     |

**Network Behavior**

| Type | Count |
|------|-------|
| HTTP | 27    |
| DNS  | 23    |
| TCP  | 26    |

**Process #5: systray.exe**

|                           |   |
|---------------------------|---|
| ID                        | 5   |
| File Name                 | c:\windows\syswow64\systray.exe                 |
| Command Line              | "C:\Windows\SysWOW64\systray.exe"               |
| Initial Working Directory | C:\Windows\system32\                            |
| Monitor Start Time        | Start Time: 124724, Reason: Child Process       |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout |
| Monitor duration          | 197.62s   |
| Return Code               | Unknown   |
| PID                       | 884   |
| Parent PID                | 1932  |
| Bitness                   | 32 Bit  |

**Injection Information (2)**

| Injection Type | Source Process  | Source / Target TID | Address / Name      | Size    | Success | Count |
|----------------|---|---------------------|---------------------|---------|---------|-------|
| Modify Memory  | #3: c:\users\r\djh\Ocnfevzxlappdata\local\temp\pkyp.exe | 0x84                | 0x110000(1114112)   | 0x2f000 | ✓       | 1     |
| Modify Memory  | #3: c:\users\r\djh\Ocnfevzxlappdata\local\temp\pkyp.exe | 0x84                | 0x1020000(16908288) | 0x6000  | ✓       | 1     |

**Dropped Files (1)**

| File Name | File Size | SHA256  | YARA Match |
|-----------|-----------|---|------------|
| -         | 0 bytes   | e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855 | ✘          |

**Host Behavior**

| Type     | Count |
|----------|-------|
| System   | 1881  |
| File     | 272   |
| -        | 153   |
| Module   | 162   |
| Process  | 93    |
| Registry | 150   |
| -        | 28    |
| -        | 1     |
| Mutex    | 2     |
| COM      | 1     |
| -        | 1     |
| User     | 1     |

**Process #6: cmd.exe**

|                           |   |
|---------------------------|---|
| ID                        | 6   |
| File Name                 | c:\windows\syswow64\cmd.exe                             |
| Command Line              | /c del "C:\Users\RDHJ0C~1\AppData\Local\Temp\pkypr.exe" |
| Initial Working Directory | C:\Windows\system32\                                    |
| Monitor Start Time        | Start Time: 132097, Reason: Child Process               |
| Unmonitor End Time        | End Time: 137725, Reason: Terminated                    |
| Monitor duration          | 5.63s   |
| Return Code               | 0   |
| PID                       | 1584  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Dropped Files (1)**

| File Name                                      | File Size | SHA256   | YARA Match |
|--|-----------|--|------------|
| C:\Users\RDHJ0C~1\AppData\Local\Temp\pkypr.exe | 5.00 KB   | 99b049d5615612c79da226823c3b8d173e66e73bb1c99d0215282274685162ed | ✖          |

**Host Behavior**

| Type        | Count |
|-------------|-------|
| File        | 18    |
| Environment | 11    |
| Registry    | 17    |
| Module      | 8     |
| System      | 1     |

**Process #8: iexplore.exe**

|                           |   |
|---------------------------|---|
| ID                        | 8   |
| File Name                 | c:\program files\internet explorer\iexplore.exe               |
| Command Line              | "C:\Program Files\Internet Explorer\iexplore.exe" about:blank |
| Initial Working Directory | C:\Windows\system32\  |
| Monitor Start Time        | Start Time: 149577, Reason: Injection                         |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout               |
| Monitor duration          | 172.76s   |
| Return Code               | Unknown   |
| PID                       | 1496  |
| Parent PID                | 884   |
| Bitness                   | 64 Bit  |

**Injection Information (4)**

| Injection Type      | Source Process                      | Source / Target TID | Address / Name         | Size     | Success | Count |
|---------------------|-------------------------------------|---------------------|------------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrady.exe | 0x38c               | 0x6750000(108331008)   | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrady.exe | 0x38c               | 0x600000(6291456)      | 0xe0000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrady.exe | 0x38c / 0x7b4       | 0x8daa8f38(2376765240) | -        | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrady.exe | 0x38c / 0x7b4       | 0x65adc2(6663618)      | -        | ✓       | 1     |

**Host Behavior**

| Type  | Count |
|-------|-------|
| -     | 3     |
| Mutex | 1     |

**Process #9: absolutetelnet.exe**

|                           |   |
|---------------------------|---|
| ID                        | 9   |
| File Name                 | c:\program files (x86)\msbuild\absolutetelnet.exe   |
| Command Line              | "C:\Program Files (x86)\MSBuild\absolutetelnet.exe" |
| Initial Working Directory | C:\Program Files (x86)\MSBuild\                     |
| Monitor Start Time        | Start Time: 161414, Reason: Injection               |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout     |
| Monitor duration          | 160.93s   |
| Return Code               | Unknown   |
| PID                       | 3216  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2150000(34930688) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x1f60000(32899072) | 0x1ac000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xc84       | 0x2078707(34047751) | -        | ✓       | 1     |

**Process #10: alftp.exe**

|                           |   |
|---------------------------|---|
| ID                        | 10  |
| File Name                 | c:\program files\windows portable devices\alftp.exe   |
| Command Line              | "C:\Program Files\Windows Portable Devices\alftp.exe" |
| Initial Working Directory | C:\Program Files\Windows Portable Devices\            |
| Monitor Start Time        | Start Time: 166881, Reason: Injection                 |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout       |
| Monitor duration          | 155.46s   |
| Return Code               | Unknown   |
| PID                       | 564   |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2420000(37879808) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x5c0000(6029312)   | 0xf8000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x27c       | 0x624707(6440711)   | -        | ✓       | 1     |



**Process #11: 3dftp.exe**

|                           |  |
|---------------------------|--|
| ID                        | 11   |
| File Name                 | c:\program files (x86)\windowspowershell\3dftp.exe   |
| Command Line              | "C:\Program Files (x86)\WindowsPowerShell\3dftp.exe" |
| Initial Working Directory | C:\Program Files (x86)\WindowsPowerShell\            |
| Monitor Start Time        | Start Time: 167199, Reason: Injection                |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout      |
| Monitor duration          | 155.14s  |
| Return Code               | Unknown  |
| PID                       | 560  |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2740000(41156608) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0xc60000(12976128)  | 0x146000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xc7c       | 0xd12707(13707015)  | -        | ✓       | 1     |

**Process #12: barca.exe**

|                           |   |
|---------------------------|---|
| ID                        | 12  |
| File Name                 | c:\program files (x86)\windows defender\barca.exe   |
| Command Line              | "C:\Program Files (x86)\Windows Defender\barca.exe" |
| Initial Working Directory | C:\Program Files (x86)\Windows Defender\            |
| Monitor Start Time        | Start Time: 167282, Reason: Injection               |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout     |
| Monitor duration          | 155.06s   |
| Return Code               | Unknown   |
| PID                       | 968   |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x21a0000(35258368) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x600000(6291456)   | 0xfb000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x378       | 0x667707(6715143)   | -        | ✓       | 1     |

**Process #13: bitkinex.exe**

|                           |   |
|---------------------------|---|
| ID                        | 13  |
| File Name                 | c:\program files\windows multimedia platform\bitkinex.exe   |
| Command Line              | "C:\Program Files\Windows Multimedia Platform\bitkinex.exe" |
| Initial Working Directory | C:\Program Files\Windows Multimedia Platform\               |
| Monitor Start Time        | Start Time: 167370, Reason: Injection                       |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout             |
| Monitor duration          | 154.97s   |
| Return Code               | Unknown   |
| PID                       | 3532  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2160000(34996224) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2b30000(45285376) | 0x1a4000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x50c       | 0x2c40707(46401287) | -        | ✓       | 1     |

**Process #14: coreftp.exe**

|                           |  |
|---------------------------|--|
| ID                        | 14   |
| File Name                 | c:\program files\internet explorer\coreftp.exe   |
| Command Line              | "C:\Program Files\Internet Explorer\coreftp.exe" |
| Initial Working Directory | C:\Program Files\Internet Explorer\              |
| Monitor Start Time        | Start Time: 167643, Reason: Injection            |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout  |
| Monitor duration          | 154.70s  |
| Return Code               | Unknown  |
| PID                       | 3176   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2320000(36831232) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x5f0000(6225920)   | 0xda000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xc24       | 0x636707(6514439)   | -        | ✓       | 1     |

**Process #15: far.exe**

|                           |   |
|---------------------------|---|
| ID                        | 15  |
| File Name                 | c:\program files\windows portable devices\far.exe   |
| Command Line              | "C:\Program Files\Windows Portable Devices\far.exe" |
| Initial Working Directory | C:\Program Files\Windows Portable Devices\          |
| Monitor Start Time        | Start Time: 167725, Reason: Injection               |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout     |
| Monitor duration          | 154.61s   |
| Return Code               | Unknown   |
| PID                       | 2980  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                       | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|--------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta y.exe | 0x38c               | 0x1ff0000(33488896) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta y.exe | 0x38c               | 0x29c0000(43778048) | 0x1a8000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta y.exe | 0x38c / 0xb9c       | 0x2ad4707(44910343) | -        | ✓       | 1     |

**Process #16: filezilla.exe**

|                           |  |
|---------------------------|--|
| ID                        | 16   |
| File Name                 | c:\program files\windowspowershell\filezilla.exe   |
| Command Line              | "C:\Program Files\WindowsPowerShell\filezilla.exe" |
| Initial Working Directory | C:\Program Files\WindowsPowerShell\                |
| Monitor Start Time        | Start Time: 167886, Reason: Injection              |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout    |
| Monitor duration          | 154.45s  |
| Return Code               | Unknown  |
| PID                       | 2780   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x23e0000(37617664) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2220000(35782656) | 0x145000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xda8       | 0x22d1707(36509447) | -        | ✓       | 1     |

**Process #17: flashfxp.exe**

|                           |   |
|---------------------------|---|
| ID                        | 17  |
| File Name                 | c:\program files\msbuild\flashfxp.exe           |
| Command Line              | "C:\Program Files\MSBuild\flashfxp.exe"         |
| Initial Working Directory | C:\Program Files\MSBuild\                       |
| Monitor Start Time        | Start Time: 168042, Reason: Injection           |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout |
| Monitor duration          | 154.30s   |
| Return Code               | Unknown   |
| PID                       | 1676  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x20b0000(34275328) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2a80000(44564480) | 0x157000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xf40       | 0x2b43707(45364999) | -        | ✓       | 1     |

**Process #18: fling.exe**

|                           |  |
|---------------------------|--|
| ID                        | 18   |
| File Name                 | c:\program files (x86)\internet explorer\fling.exe   |
| Command Line              | "C:\Program Files (x86)\Internet Explorer\fling.exe" |
| Initial Working Directory | C:\Program Files (x86)\Internet Explorer\            |
| Monitor Start Time        | Start Time: 168150, Reason: Injection                |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout      |
| Monitor duration          | 154.19s  |
| Return Code               | Unknown  |
| PID                       | 2204   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x20d0000(34406400) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x510000(5308416)   | 0x162000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xb94       | 0x5de707(6153991)   | -        | ✓       | 1     |



**Process #19: gmailnotifierpro.exe**

|                           |  |
|---------------------------|--|
| ID                        | 19   |
| File Name                 | c:\program files (x86)\microsoft office\gmailnotifierpro.exe   |
| Command Line              | "C:\Program Files (x86)\Microsoft Office\gmailnotifierpro.exe" |
| Initial Working Directory | C:\Program Files (x86)\Microsoft Office\                       |
| Monitor Start Time        | Start Time: 168274, Reason: Injection                          |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout                |
| Monitor duration          | 154.06s  |
| Return Code               | Unknown  |
| PID                       | 3004   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2220000(35782656) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2040000(33816576) | 0x12f000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x424       | 0x20db707(34453255) | -        | ✓       | 1     |

**Process #20: icq.exe**

|                           |   |
|---------------------------|---|
| ID                        | 20  |
| File Name                 | c:\program files\windows defender\icq.exe       |
| Command Line              | "C:\Program Files\Windows Defender\icq.exe"     |
| Initial Working Directory | C:\Program Files\Windows Defender\              |
| Monitor Start Time        | Start Time: 168726, Reason: Injection           |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout |
| Monitor duration          | 153.61s   |
| Return Code               | Unknown   |
| PID                       | 2508  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2620000(39976960) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0xbb0000(12255232)  | 0x14d000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x30c       | 0xc69707(13014791)  | -        | ✓       | 1     |

**Process #21: leechftp.exe**

|                           |   |
|---------------------------|---|
| ID                        | 21  |
| File Name                 | c:\program files (x86)\msbuild\leechftp.exe     |
| Command Line              | "C:\Program Files (x86)\MSBuild\leechftp.exe"   |
| Initial Working Directory | C:\Program Files (x86)\MSBuild\                 |
| Monitor Start Time        | Start Time: 168984, Reason: Injection           |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout |
| Monitor duration          | 153.35s   |
| Return Code               | Unknown   |
| PID                       | 3792  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x20c0000(34340864) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2a90000(44630016) | 0x156000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xec        | 0x2b52707(45426439) | -        | ✓       | 1     |

**Process #22: ncftp.exe**

|                           |  |
|---------------------------|--|
| ID                        | 22   |
| File Name                 | c:\program files (x86)\microsoft.net\ncftp.exe   |
| Command Line              | "C:\Program Files (x86)\Microsoft.NET\ncftp.exe" |
| Initial Working Directory | C:\Program Files (x86)\Microsoft.NET\            |
| Monitor Start Time        | Start Time: 169093, Reason: Injection            |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout  |
| Monitor duration          | 153.25s  |
| Return Code               | Unknown  |
| PID                       | 2576   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                      | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|-------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrady.exe | 0x38c               | 0x21c0000(35389440) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrady.exe | 0x38c               | 0x6c0000(7077888)   | 0xe8000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrady.exe | 0x38c / 0xeec       | 0x714707(7423751)   | -        | ✓       | 1     |

**Process #23: notepad.exe**

|                           |   |
|---------------------------|---|
| ID                        | 23  |
| File Name                 | c:\program files\windows portable devices\notepad.exe   |
| Command Line              | "C:\Program Files\Windows Portable Devices\notepad.exe" |
| Initial Working Directory | C:\Program Files\Windows Portable Devices\              |
| Monitor Start Time        | Start Time: 169407, Reason: Injection                   |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout         |
| Monitor duration          | 152.93s   |
| Return Code               | Unknown   |
| PID                       | 4004  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2190000(35192832) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2b60000(45481984) | 0x189000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xfa0       | 0x2c55707(46487303) | -        | ✓       | 1     |

**Process #24: operamail.exe**

|                           |  |
|---------------------------|--|
| ID                        | 24   |
| File Name                 | c:\program files (x86)\windowspowershell\operamail.exe   |
| Command Line              | "C:\Program Files (x86)\WindowsPowerShell\operamail.exe" |
| Initial Working Directory | C:\Program Files (x86)\WindowsPowerShell\                |
| Monitor Start Time        | Start Time: 169937, Reason: Injection                    |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout          |
| Monitor duration          | 152.40s  |
| Return Code               | Unknown  |
| PID                       | 2580   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x26d0000(40697856) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0xc20000(12713984)  | 0x11a000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0xc2c       | 0xca6707(13264647)  | -        | ✓       | 1     |

**Process #25: outlook.exe**

|                           |   |
|---------------------------|---|
| ID                        | 25  |
| File Name                 | c:\program files (x86)\microsoft office\outlook.exe   |
| Command Line              | "C:\Program Files (x86)\Microsoft Office\outlook.exe" |
| Initial Working Directory | C:\Program Files (x86)\Microsoft Office\              |
| Monitor Start Time        | Start Time: 170055, Reason: Injection                 |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout       |
| Monitor duration          | 152.28s   |
| Return Code               | Unknown   |
| PID                       | 4008  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x21c0000(35389440) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x600000(6291456)   | 0x106000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x888       | 0x672707(6760199)   | -        | ✓       | 1     |

**Process #26: pidgin.exe**

|                           |   |
|---------------------------|---|
| ID                        | 26  |
| File Name                 | c:\program files\windows sidebar\pidgin.exe     |
| Command Line              | "C:\Program Files\Windows Sidebar\pidgin.exe"   |
| Initial Working Directory | C:\Program Files\Windows Sidebar\               |
| Monitor Start Time        | Start Time: 170256, Reason: Injection           |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout |
| Monitor duration          | 152.08s   |
| Return Code               | Unknown   |
| PID                       | 4104  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                       | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|--------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta y.exe | 0x38c               | 0x2100000(34603008) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta y.exe | 0x38c               | 0x5f0000(6225920)   | 0xbf000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta y.exe | 0x38c / 0x100c      | 0x61b707(6403847)   | -        | ✓       | 1     |



**Process #27: scriptftp.exe**

|                           |   |
|---------------------------|---|
| ID                        | 27  |
| File Name                 | c:\program files\reference assemblies\scriptftp.exe   |
| Command Line              | "C:\Program Files\Reference Assemblies\scriptftp.exe" |
| Initial Working Directory | C:\Program Files\Reference Assemblies\                |
| Monitor Start Time        | Start Time: 170412, Reason: Injection                 |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout       |
| Monitor duration          | 151.93s   |
| Return Code               | Unknown   |
| PID                       | 4112  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x21a0000(35258368) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x5e0000(6160384)   | 0x17c000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1014      | 0x6c8707(7112455)   | -        | ✓       | 1     |

**Process #28: skype.exe**

|                           |   |
|---------------------------|---|
| ID                        | 28  |
| File Name                 | c:\program files\windows portable devices\skype.exe   |
| Command Line              | "C:\Program Files\Windows Portable Devices\skype.exe" |
| Initial Working Directory | C:\Program Files\Windows Portable Devices\            |
| Monitor Start Time        | Start Time: 170614, Reason: Injection                 |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout       |
| Monitor duration          | 151.72s   |
| Return Code               | Unknown   |
| PID                       | 4124  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2110000(34668544) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2ae0000(44957696) | 0x1a6000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1020      | 0x2bf2707(46081799) | -        | ✓       | 1     |

**Process #29: smartftp.exe**

|                           |  |
|---------------------------|--|
| ID                        | 29   |
| File Name                 | c:\program files\windows photo viewer\smartftp.exe   |
| Command Line              | "C:\Program Files\Windows Photo Viewer\smartftp.exe" |
| Initial Working Directory | C:\Program Files\Windows Photo Viewer\               |
| Monitor Start Time        | Start Time: 171043, Reason: Injection                |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout      |
| Monitor duration          | 151.30s  |
| Return Code               | Unknown  |
| PID                       | 4132   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2050000(33882112) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x640000(6553600)   | 0xbb000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1028      | 0x667707(6715143)   | -        | ✓       | 1     |

**Process #30: thunderbird.exe**

|                           |   |
|---------------------------|---|
| ID                        | 30  |
| File Name                 | c:\program files (x86)\microsoft office\thunderbird.exe   |
| Command Line              | "C:\Program Files (x86)\Microsoft Office\thunderbird.exe" |
| Initial Working Directory | C:\Program Files (x86)\Microsoft Office\                  |
| Monitor Start Time        | Start Time: 171089, Reason: Injection                     |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout           |
| Monitor duration          | 151.25s   |
| Return Code               | Unknown   |
| PID                       | 4148  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x27d0000(41746432) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0xc10000(12648448)  | 0x163000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1038      | 0xcd707(13498119)   | -        | ✓       | 1     |

**Process #31: trillian.exe**

|                           |   |
|---------------------------|---|
| ID                        | 31  |
| File Name                 | c:\program files\windowspowershell\trillian.exe   |
| Command Line              | "C:\Program Files\WindowsPowerShell\trillian.exe" |
| Initial Working Directory | C:\Program Files\WindowsPowerShell\               |
| Monitor Start Time        | Start Time: 171229, Reason: Injection             |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout   |
| Monitor duration          | 151.11s   |
| Return Code               | Unknown   |
| PID                       | 4156  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2010000(33619968) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x29e0000(43909120) | 0x199000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1040      | 0x2ae5707(44979975) | -        | ✓       | 1     |

**Process #32: webdrive.exe**

|                           |   |
|---------------------------|---|
| ID                        | 32  |
| File Name                 | c:\program files (x86)\windowspowershell\webdrive.exe   |
| Command Line              | "C:\Program Files (x86)\WindowsPowerShell\webdrive.exe" |
| Initial Working Directory | C:\Program Files (x86)\WindowsPowerShell\               |
| Monitor Start Time        | Start Time: 171481, Reason: Injection                   |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout         |
| Monitor duration          | 150.86s   |
| Return Code               | Unknown   |
| PID                       | 4172  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2170000(35061760) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2b40000(45350912) | 0x156000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1050      | 0x2c02707(46147335) | -        | ✓       | 1     |

**Process #33: whatsapp.exe**

|                           |   |
|---------------------------|---|
| ID                        | 33  |
| File Name                 | c:\program files\msbuild\whatsapp.exe           |
| Command Line              | "C:\Program Files\MSBuild\whatsapp.exe"         |
| Initial Working Directory | C:\Program Files\MSBuild\                       |
| Monitor Start Time        | Start Time: 171582, Reason: Injection           |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout |
| Monitor duration          | 150.76s   |
| Return Code               | Unknown   |
| PID                       | 4180  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                      | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|-------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrady.exe | 0x38c               | 0x2140000(34865152) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrady.exe | 0x38c               | 0x6f0000(7274496)   | 0xc6000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrady.exe | 0x38c / 0x1058      | 0x722707(7481095)   | -        | ✓       | 1     |

**Process #34: winscp.exe**

|                           |   |
|---------------------------|---|
| ID                        | 34  |
| File Name                 | c:\program files\windowspowershell\winscp.exe   |
| Command Line              | "C:\Program Files\WindowsPowerShell\winscp.exe" |
| Initial Working Directory | C:\Program Files\WindowsPowerShell\             |
| Monitor Start Time        | Start Time: 171875, Reason: Injection           |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout |
| Monitor duration          | 150.46s   |
| Return Code               | Unknown   |
| PID                       | 4196  |
| Parent PID                | 884   |
| Bitness                   | 32 Bit  |

**Injection Information (3)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x2410000(37814272) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x6d0000(7143424)   | 0xd2000  | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1068      | 0x70e707(7399175)   | -        | ✓       | 1     |



**Process #35: yahoomessenger.exe**

|                           |  |
|---------------------------|--|
| ID                        | 35   |
| File Name                 | c:\program files (x86)\windows defender\yahoomessenger.exe   |
| Command Line              | "C:\Program Files (x86)\Windows Defender\yahoomessenger.exe" |
| Initial Working Directory | C:\Program Files (x86)\Windows Defender\                     |
| Monitor Start Time        | Start Time: 172313, Reason: Injection                        |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout              |
| Monitor duration          | 150.03s  |
| Return Code               | Unknown  |
| PID                       | 4204   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (3)**

| Injection Type      | Source Process                       | Source / Target TID | Address / Name      | Size     | Success | Count |
|---------------------|--------------------------------------|---------------------|---------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta y.exe | 0x38c               | 0x2120000(34734080) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta y.exe | 0x38c               | 0x2af0000(45023232) | 0x138000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta y.exe | 0x38c / 0x1070      | 0x2b94707(45696775) | -        | ✓       | 1     |

**Process #36: iexplore.exe**

|                           |  |
|---------------------------|--|
| ID                        | 36   |
| File Name                 | c:\program files (x86)\internet explorer\iexplore.exe  |
| Command Line              | "C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE" SCODEF:1496 CREDAT:82945 /prefetch:2 |
| Initial Working Directory | C:\Users\RDhJ0CNFevzX\Desktop\   |
| Monitor Start Time        | Start Time: 172868, Reason: Injection  |
| Unmonitor End Time        | End Time: 322339, Reason: Terminated by timeout  |
| Monitor duration          | 149.47s  |
| Return Code               | Unknown  |
| PID                       | 4452   |
| Parent PID                | 884  |
| Bitness                   | 32 Bit   |

**Injection Information (4)**

| Injection Type      | Source Process                     | Source / Target TID | Address / Name       | Size     | Success | Count |
|---------------------|------------------------------------|---------------------|----------------------|----------|---------|-------|
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x8ff0000(150929408) | 0x9c4000 | ✓       | 1     |
| Modify Memory       | #5: c:\windows\syswow64\sysrta.exe | 0x38c               | 0x99c0000(161218560) | 0x14d000 | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1168      | 0x9a79707(161978119) | -        | ✓       | 1     |
| Modify Control Flow | #5: c:\windows\syswow64\sysrta.exe | 0x38c / 0x1168      | 0x9a7970c(161978124) | -        | ✓       | 1     |

**Host Behavior**

| Type   | Count |
|--------|-------|
| Module | 2     |
| File   | 1     |

## ARTIFACTS

| File | SHA256  | File Names  | Category        | File Size | MIME Type                                     | Operations                  | Verdict          |
|------|---|---|-----------------|-----------|---|-----------------------------|------------------|
|      | 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96  | C:\Users\RDHJ0CNFevz\X\Desktop\285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe   | Sample File     | 214.18 KB | application/vnd.microsoft.portable-executable | Access, Read                | <b>MALICIOUS</b> |
|      | 99b049d5615612c79da226823c3b8d173e66e73bb1c99d0215282274685162ed  | C:\Users\RDHJ0C-1\AppData\Local\Temp\pkpyr.exe, \?C:\Users\RDHJ0C-1\AppData\Local\Temp\pkpyr.exe, \?C:\Users\RDHJ0C-1\AppData\Local\Temp\Lbxhx9hm\lbyd2dsxipq.exe | Dropped File    | 5.00 KB   | application/vnd.microsoft.portable-executable | Access, Create, Write       | <b>MALICIOUS</b> |
|      | 8bafae8f597d230d4ea25c648aaa2e1084b23a2767e9080a683e5d1809c327a   | -   | Dropped File    | 1.84 KB   | application/x-ms-shortcut                     | -                           | <b>CLEAN</b>     |
|      | 1fbfc239148369ed5bd7713e21cf351a45f784cb79c71ec101cf31b037158e9c  | C:\Users\RDHJ0C-1\AppData\Local\Temp\pzpcthwca  | Dropped File    | 4.85 KB   | application/octet-stream                      | Access, Create, Read, Write | <b>CLEAN</b>     |
|      | 95470a8814917743eb95d5d989214e22fa20ac6512f0269af500560e8365e847  | -   | Dropped File    | 206.50 KB | application/CDFV2                             | -                           | <b>CLEAN</b>     |
|      | e92552d87801e9701344738ed5a7c6a1b33c55aa9ecebd29d68343bd3e716aa   | -   | Dropped File    | 910 bytes | application/x-ms-shortcut                     | -                           | <b>CLEAN</b>     |
|      | 9e17cb15d75bbbd5dbb984eda674863c3b10ab72613cf8a39a00c3e11a8492a   | -   | Downloaded File | 162 bytes | text/html                                     | -                           | <b>CLEAN</b>     |
|      | 63c0faa4e7a7b6cfd750c341829503f4412e6b46c01b31a7daf3a75e75476a54  | -   | Modified File   | 40.50 KB  | application/CDFV2                             | -                           | <b>CLEAN</b>     |
|      | 8900ae8d1e0f2a1e2d8d8c086c5e362c25e4bf6a678b7e34d558ccd7df6dd76d  | -   | Dropped File    | 207.54 KB | application/CDFV2                             | -                           | <b>CLEAN</b>     |
|      | 3d4aa9e06c956b9bb055bb3b94dcaedf979428ba5b7771ed8e73976553fad4    | -   | Dropped File    | 210.50 KB | application/CDFV2                             | -                           | <b>CLEAN</b>     |
|      | 9203aed488797efdeef726a3d0ea865c2a0d53783abc6f1296773e3d5078919b  | -   | Dropped File    | 1.11 KB   | application/x-ms-shortcut                     | -                           | <b>CLEAN</b>     |
|      | 95e1144ae5faba1d6ea1ac58b29b1e8d0399125e4dbc6a17d50d0bf5cf3bdcf8  | -   | Downloaded File | 194 bytes | text/html                                     | -                           | <b>CLEAN</b>     |
|      | 1ce1cf693075e9ff018bb82c5b5d644e773648194773b59d3f6d85d2420b192aa | -   | Dropped File    | 1.49 KB   | application/x-ms-shortcut                     | -                           | <b>CLEAN</b>     |
|      | 348da1db9ef660ed6dfc81f4656eacdb58af04bedbb206d3acb1804cb197cb33  | -   | Downloaded File | 1.83 KB   | text/html                                     | -                           | <b>CLEAN</b>     |
|      | 2d3c9cc4880e5a8d8bb583c6be6f5826de19291405734ec9e3899eae78e431a   | -   | Dropped File    | 2.56 KB   | image/png                                     | -                           | <b>CLEAN</b>     |
|      | 957721a37f4c25b42bf710e139d46655a7b3c37ee6f2076c52bd7e13df7d34f1  | \?C:\Users\RDHJ0CNFevz\X\AppData\Roaming\5M764PD815M7logim.jpeg   | Dropped File    | 137.05 KB | image/jpeg                                    | Access, Create              | <b>CLEAN</b>     |
|      | 3eb8165a0647b8408bb41cc7414fc46b7da04bfff19447259b1719350013d5c   | -   | Downloaded File | 291 bytes | text/html                                     | -                           | <b>CLEAN</b>     |
|      | 20c1ab602462b7c0d5b4cbd555cacf127b69a07a737579598ebcbcf05b21319   | -   | Downloaded File | 154 bytes | text/html                                     | -                           | <b>CLEAN</b>     |
|      | 92972ae04dac1589bd3cb88fb591c1c4f616867532c9189150aee36dd2646e48  | -   | Downloaded File | 1.44 KB   | text/html                                     | -                           | <b>CLEAN</b>     |

| SHA256   | File Names   | Category        | File Size | MIME Type                | Operations                  | Verdict |
|--|--|-----------------|-----------|--------------------------|-----------------------------|---------|
| 6eebf968962745b2e9de2ca969af7c424916d4e3fe3cc0bb9b3d414abfce9507 | \\?\C:\Users\RDhJ0CNFevz\X\AppData\Roaming\5M764PD8\5M7logrv.ini | Dropped File    | 40 bytes  | application/octet-stream | Access, Create              | CLEAN   |
| c2d814a34b184b7cdf10e4e7a4311ff15db99326d6dd8d328b53bf9e19ccf858 | -  | Modified File   | 128 bytes | application/octet-stream | -                           | CLEAN   |
| ab2cf504d95e65a06ce4943e83a787a00bdecb29d8fd61eaff77ec9988b73b6a | -  | Downloaded File | 280 bytes | text/html                | -                           | CLEAN   |
| 3f20b4605a2a543557ff9f208c286aef88fd05200f0c6150d35f1402507bd228 | \\?\C:\Users\RDhJ0CNFevz\X\AppData\Roaming\5M764PD8\5M7logrc.ini | Dropped File    | 1.75 KB   | application/octet-stream | Access, Create              | CLEAN   |
| f11f0f6d81d98dd389b02d946fe8273591ade4b3c7a6da29820449eb392186fe | C:\Users\RDhJ0C~1\AppData\Local\Temp\low7v8lrfal0lz3762          | Dropped File    | 185.00 KB | application/octet-stream | Access, Create, Read, Write | CLEAN   |
| eaec2eba6310253249603033c744dd5914089b0bb26bde6685ec9813611baae  | \\?\C:\Users\RDhJ0CNFevz\X\AppData\Roaming\5M764PD8\5M7logri.ini | Dropped File    | 40 bytes  | application/octet-stream | Access, Create              | CLEAN   |
| 3b8c6e924abc18a45ee0ae926ffcf07a0d8d4a423b7b603d9a142d121ff4588  | -  | Downloaded File | 2.74 KB   | text/html                | -                           | CLEAN   |
| 55e2034c4a03749681ec12bf8c8b276bab78ca3586de47bdcdf2857854b23550 | -  | Modified File   | 40.50 KB  | application/CDFV2        | -                           | CLEAN   |
| 43e50400a46a0e100e2c19e20865d9099b4c0e2d12cafb8bc05dfb0592723838 | -  | Modified File   | 40.50 KB  | application/CDFV2        | -                           | CLEAN   |
| 15994fd5a549a296805c44f96216246c7869abd95683e11bb9ed05e8f8e57f81 | -  | Downloaded File | 22.09 KB  | text/html                | -                           | CLEAN   |

## Filename

| File Name  | Category                                   | Operations                  | Verdict   |
|--|--|-----------------------------|-----------|
| C:\Users\RDhJ0CNFevz\X\Desktop\285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe                          | Sample File, Accessed File, VM File        | Access, Read                | MALICIOUS |
| \\?\C:\Users\RDhJ0CNFevz\X\AppData\Roaming\5M764PD8\5M7logro.ini   | Accessed File                              | Access, Create              | CLEAN     |
| \\?\C:\Users\RDhJ0CNFevz\X\AppData\Roaming\5M764PD8\5M7logrg.ini   | Accessed File                              | Access, Create              | CLEAN     |
| \\?\C:\Users\RDhJ0CNFevz\X\AppData\Roaming\5M764PD8\5M7logri.ini   | Dropped File, Accessed File                | Access, Create              | CLEAN     |
| \\?\C:\Users\RDhJ0CNFevz\X\AppData\Roaming\5M764PD8\5M7logri.ini   | Accessed File                              | Access, Create, Write       | CLEAN     |
| \\?\C:\Users\RDhJ0C~1\AppData\Local\Temp\Lbxhx9hm\1byd2dsxipq.exe  | Dropped File, Accessed File                | Access, Write               | CLEAN     |
| C:\Program Files (x86)\Lbxhx9hm  | -  | -                           | CLEAN     |
| C:\Windows\system32  | Accessed File                              | Access                      | CLEAN     |
| C:\Users\RDhJ0C~1\AppData\Local\Temp\zpcwthwa  | Dropped File, Accessed File                | Access, Create, Read, Write | CLEAN     |
| C:\Users\RDhJ0C~1\AppData\Local\Temp\instC98.tmp   | Dropped File, Accessed File, Not Extracted | Access, Create, Delete      | CLEAN     |
| c:\users\rdhj0cnfevz\appdata\roaming\microsoft\windows\recent\automaticdestinations\01b4d95cf55d32a.automaticdestinations-ms | Modified File                              | -                           | CLEAN     |
| c:\users\rdhj0cnfevz\appdata\roaming\microsoft\windows\recent\ieojvsu2.bi.lnk  | Dropped File                               | -                           | CLEAN     |
| \\?\C:\Users\RDhJ0CNFevz\X\AppData\Roaming\Temp\pkyp.exe   | Accessed File                              | Access, Create              | CLEAN     |
| C:\Users   | Accessed File                              | Access, Create              | CLEAN     |

| File Name  | Category                                   | Operations                  | Verdict |
|--|--|-----------------------------|---------|
| \\?\C:\Users\RDhJ0CNFeVzX\AppData\Roaming\Opera Software\Opera Stable>Login Data   | Accessed File                              | Access, Create              | CLEAN   |
| C:\  | Accessed File                              | Access                      | CLEAN   |
| C:\Program Files (x86)\Lbxx9hm\1byd2dsxipq.exe   | Accessed File                              | Access, Create              | CLEAN   |
| \\?\C:\Users\RDhJ0CNFeVzX\AppData\Roaming\5M764PD8\5M7logrm.ini  | Accessed File                              | Access, Create              | CLEAN   |
| \\?\C:\Users\RDHJ0C-1\AppData\Local\Temp\pkyp.exe  | Accessed File                              | Access, Create, Read        | CLEAN   |
| c:\users\rdhj0cnfevzx\appdata\roaming\microsoft\windows\recent\automaticdestinations\5f7b5f1e01b83767.automaticdestinations-ms | Dropped File                               | -                           | CLEAN   |
| c:\users\rdhj0cnfevzx\appdata\local\microsoft\windows\actioncenter\cache\{d05fbb7-f67b-4089-8ea6-b3e4425bd309}.png             | Dropped File                               | -                           | CLEAN   |
| \\?\C:\Users\RDhJ0CNFeVzX\AppData\Roaming\5M764PD8\5M7log.ini  | Accessed File                              | Access                      | CLEAN   |
| \\?\C:\Users\RDhJ0CNFeVzX\AppData\Roaming\5M764PD8\5M7logrt.ini  | Accessed File                              | Access, Create              | CLEAN   |
| C:\Users\RDHJ0C-1\AppData\Local\Temp\Lbxx9hm   | Accessed File                              | Access                      | CLEAN   |
| c:\users\rdhj0cnfevzx\appdata\roaming\5m764pd8\5m7log.ini  | Dropped File, Not Extracted                | -                           | CLEAN   |
| C:\Users\RDHJ0C-1\AppData\Local\Temp\low7v8lrfalu0lz3762   | Dropped File, Accessed File                | Access, Create, Read, Write | CLEAN   |
| \\?\C:\Users\RDhJ0CNFeVzX\AppData\Roaming\5M764PD8\5M7logrc.ini  | Dropped File, Accessed File                | Access, Create              | CLEAN   |
| c:\users\rdhj0cnfevzx\appdata\roaming\microsoft\windows\recent\2dax7o1.lnk   | Dropped File                               | -                           | CLEAN   |
| C:\Users\RDHJ0C-1\AppData  | Accessed File                              | Access, Create              | CLEAN   |
| \\?\C:\Users\RDhJ0CNFeVzX\AppData\Roaming\5M764PD8\5M7logrc.ini  | Accessed File                              | Access, Create, Write       | CLEAN   |
| \\?\C:\Program Files (x86)\Mozilla Firefox\Firefox.exe   | Accessed File                              | Access, Create              | CLEAN   |
| \\?\C:\Users\RDhJ0CNFeVzX\AppData\Roaming\5M764PD8\5M7logrf.ini  | Accessed File                              | Access, Create              | CLEAN   |
| C:\Users\RDHJ0C-1\AppData\Local\Temp\Lbxx9hm   | Accessed File                              | Access, Create              | CLEAN   |
| \\?\C:\Program Files (x86)\Lbxx9hm\1byd2dsxipq.exe   | Accessed File                              | Access, Create              | CLEAN   |
| C:\Users\RDHJ0C-1  | Accessed File                              | Access, Create              | CLEAN   |
| c:\users\rdhj0cnfevzx\appdata\roaming\microsoft\windows\recent\clxo0zgwz.lnk   | Dropped File                               | -                           | CLEAN   |
| C:\Users\RDHJ0C-1\AppData\Local\Temp\  | Accessed File                              | Access, Create              | CLEAN   |
| C:\Windows\SysWOW64\cmd.exe  | Accessed File                              | Access                      | CLEAN   |
| C:\Users\RDHJ0C-1\AppData\Local\Temp\pkyp.exe  | Dropped File, Accessed File                | Access, Create, Write       | CLEAN   |
| c:\users\rdhj0cnfevzx\appdata\local\microsoft\windows\inetcache\counters.dat   | Modified File                              | -                           | CLEAN   |
| c:\users\rdhj0cnfevzx\appdata\roaming\microsoft\windows\recent\1v-d31nt1cx0.lnk  | Dropped File                               | -                           | CLEAN   |
| \\?\C:\Users\RDhJ0CNFeVzX\AppData\Roaming\5M764PD8\5M7logim.jpeg   | Dropped File, Accessed File                | Access, Create              | CLEAN   |
| C:\Users\RDHJ0C-1\AppData\Local\Temp\insa582.tmp   | Dropped File, Accessed File, Not Extracted | Access, Create, Delete      | CLEAN   |
| C:\Program Files (x86)\Lbxx9hm   | Accessed File                              | Access, Create, Write       | CLEAN   |

| File Name  | Category                    | Operations            | Verdict |
|--|-----------------------------|-----------------------|---------|
| C:\Users\RDHJOC~1\AppData\Local  | Accessed File               | Access, Create        | CLEAN   |
| \\?C:\Windows\SysWOW64\systray.exe   | Accessed File               | Access, Create, Read  | CLEAN   |
| \\?C:\Users\RDHJOCNFezX\AppData\Roaming\5M764PD8\5M7log00.ini  | Accessed File               | Access, Create        | CLEAN   |
| \\?C:\Users\RDHJOCNFezX\AppData\Roaming\5M764PD8\5M7logrv.ini  | Dropped File, Accessed File | Access, Create        | CLEAN   |
| \\?C:\Windows\SYSTEM32\ntdll.dll   | Accessed File               | Access, Create        | CLEAN   |
| \\?C:\Windows\SYSTEM32\ntdll.dll   | Accessed File               | Access, Create, Read  | CLEAN   |
| C:\Users\RDHJOC~1\AppData\Local\Temp\InstC98.tmp\  | Accessed File               | Access                | CLEAN   |
| \\?C:\Users\RDHJOCNFezX\AppData\Roaming\5M764PD8\5M7logcl.ini  | Accessed File               | Access, Create        | CLEAN   |
| \\?C:\Users\RDHJOCNFezX\AppData\Roaming\5M764PD8   | Accessed File               | Access                | CLEAN   |
| \\?C:\Program Files\Mozilla Firefox\Firefox.exe  | Accessed File               | Access, Create        | CLEAN   |
| \\?C:\Users\RDHJOCNFezX\AppData\Local\Google\Chrome\User Data\Default\Login Data                                   | Accessed File               | Access, Create        | CLEAN   |
| c:\users\rdhj0cfevzx\appdata\local\microsoft\windows\actioncenter\cache\{eea31d4d-1517-4fd0-a7fd-a3f1997ac6a3}.png | Dropped File                | -                     | CLEAN   |
| \\?C:\Users\RDHJOCNFezX\AppData\Roaming\5M764PD8\5M7logrv.ini  | Accessed File               | Access, Create, Write | CLEAN   |

## URL

| URL  | Category | IP Address      | Country | HTTP Methods | Verdict   |
|--|----------|-----------------|---------|--------------|-----------|
| http://www.hsf777.com/m0d4/  | -        | 23.224.102.249  | -       | -            | MALICIOUS |
| http://www.greenlightteams.com/Credit_Card_Application.cfm?fp=C6Ko6tS0m791FEdtlyzy7TY22jiBV0%2B8jiENwbi9w76FIsqEynbl3Fjng4wKtko4Rd...hAs3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16d4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&kt=112&ki=7242435&kt=0&kl=1061&kp=5 | -        | 209.99.64.33    | -       | -            | CLEAN     |
| http://www.digitalfactoryinstitut.com/m0d4/?AL08=c08ZTacAukQC5NeLWtuBWKo+UaWFOcWy6EIHhedBNHZ3XeC1VbOkb5CJ1Nxa24KM0Hg=&VrPHWV=O8Yh2h6   | -        | 217.70.184.50   | -       | GET          | CLEAN     |
| http://www.greenlightteams.com/display.cfm   | -        | 209.99.64.33    | -       | -            | CLEAN     |
| http://www.tyrs-it.com/m0d4/?AL08=EtBAPrlixbPMIKHauOaocozOgBY3ZNEx11yXENDBN/Y9AOrELwXOOj/ARjpOVLCDnmCVg=&VrPHWV=O8Yh2h6  | -        | 103.224.212.221 | -       | GET          | CLEAN     |
| http://www.bhreselect.com/m0d4/?AL08=D3Y0Pm5nPvru/us5CwxPidK6v2Fiqkg7A+JactShsSys/ES72bwbdUd0Tx/17x61cBJA==&FX10rv=UL00qTmPnvW   | -        | 34.102.136.180  | -       | GET          | CLEAN     |
| http://www.zhida095.com/m0d4/?VrPHWV=O8Yh2h6&AL08=NAVMffTY9s/9fH8R/zh9xXRUU+fa/5gjMz7rGT7+HDshSMwhe2Brbhhu7bulHK1waO+A==   | -        | 134.73.225.58   | -       | GET          | CLEAN     |
| https://parking.bodiscdn.com   | -        | -               | -       | -            | CLEAN     |
| https://www.gandi.net/en/security  | -        | -               | -       | -            | CLEAN     |
| http://www.bangkhacollections.com/m0d4/?AL08=a0iJBX+S++1VW5Q9alJjR6oBYSdMg74u0Xh/v7LWlnF5XrfrQ4ul5i2H6z+dJOBGxTnhw==&FX10rv=UL00qTmPnvW  | -        | 3.108.154.143   | -       | GET          | CLEAN     |

| URL  | Category | IP Address   | Country | HTTP Methods | Verdict |
|--|----------|--|---------|--------------|---------|
| http://www.greenlightteams.com/fashion_trends.cfm?fp=C6Ko6tS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2FHUo77f...As3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=10542279&kt=0&kld=1061&kp=4 | -        | 209.99.64.33   | -       | -            | CLEAN   |
| http://www.greenlightteams.com/Best_Mortgage_Rates.cfm?fp=C6Ko6tS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2F...hAs3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=3477850&kt=0&kld=1061&kp=6  | -        | 209.99.64.33   | -       | -            | CLEAN   |
| http://www.greenlightteams.com/song_lyrics.cfm?fp=C6Ko6tS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2FHUo77f...As3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=26527269&kt=0&kld=1061&kp=7    | -        | 209.99.64.33   | -       | -            | CLEAN   |
| http://www.triumphgroup.xyz/m0d4/?AL08=99EE7/YJ7QYJ6gl7lR9e36EGMnrjipKCX93zWfmkiY/R6ohvJ2OXPesLVXdNj3uSa3MFgA==&FX10rv=UL00qTmPnvW   | -        | 172.67.210.242, 104.21.77.185  | -       | GET          | CLEAN   |
| http://www.hsf777.com/m0d4/?AL08=7Xa4BbX+EF+ObOKIkWo9GY8TeBGxHEZixmbVhdNSFZSwo63rM1BfaWFzyWRopavNogmBAQ==&VrPHWV=O8Yh2h6   | -        | 23.224.102.249   | -       | GET          | CLEAN   |
| http://www.zoommachone.xyz/m0d4/?AL08=/qzckqyCc8rrPOLAqXCRRLw/xaz6fw0S3VigV0+3PEE6ghz0EBMW68KNNy8Z877lwzq==&VrPHWV=O8Yh2h6   | -        | 85.159.66.93   | -       | GET          | CLEAN   |
| http://www.apremotesamsung.com/m0d4/?VrPHWV=O8Yh2h6&AL08=hUVgboLmL0sC7LaC3NHw8YP+GPS1BdzeLBIZXKVOxmYiZu5gDV6Bh8//TuT3X9hKJEw==   | -        | 103.224.212.222  | -       | GET          | CLEAN   |
| https://whois.gandi.net/en/results?search=digitalfactoryinstitut.com   | -        | -  | -       | -            | CLEAN   |
| http://www.greenlightteams.com/sk-privacy.php  | -        | 209.99.64.33   | -       | -            | CLEAN   |
| https://www.gandi.net/en   | -        | -  | -       | -            | CLEAN   |
| https://news.gandi.net/en  | -        | -  | -       | -            | CLEAN   |
| https://shop.gandi.net/en/domain/suggest?search=digitalfactoryinstitut.com&source=parking  | -        | -  | -       | -            | CLEAN   |
| http://www.techkaisimi.com/m0d4/?AL08=b0hNo1faq5o0ibq11SUAJ1i6UzM7c/b3lNITCAx7SArJmPdEQU3/RrFLto8yLo00cRIQ==&VrPHWV=O8Yh2h6  | -        | 204.188.203.155, 209.141.38.71, 107.161.23.204, 168.235.88.209, 198.251.81.30, 64.32.22.102, 198.251.84.92, 192.161.187.200, 45.58.190.82, 70.39.125.244 | -       | GET          | CLEAN   |
| http://www.palia.world/m0d4/?AL08=NmHDKYpLlOaunO6yJwQ7bjBEDSMmb6uyC2Rdc4sC+38r/w1LF5LwewBdTfUGNSbbzrJiw==&FX10rv=UL00qTmPnvW   | -        | 34.102.136.180   | -       | GET          | CLEAN   |
| http://www.greenlightteams.com/Best_Penny_Stocks.cfm?fp=C6Ko6tS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtKo4Rdg%2FHU...hAs3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=3482138&kt=0&kld=1061&kp=1  | -        | 209.99.64.33   | -       | -            | CLEAN   |

| URL   | Category | IP Address      | Country | HTTP Methods | Verdict |
|---|----------|-----------------|---------|--------------|---------|
| http://www.greenlightteams.com/Free_Credit_Report.cfm?fp=C6Ko6lS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtko4Rdg%2FH...As3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=11539660&ktid=0&kid=1061&kp=2 | -        | 209.99.64.33    | -       | -            | CLEAN   |
| http://i3.cdn-image.com/_media/_fjs/min.js?v2.3   | -        | -               | -       | -            | CLEAN   |
| https://www.google.com  | -        | -               | -       | -            | CLEAN   |
| https://shop.gandi.net/en/domain/transfer   | -        | -               | -       | -            | CLEAN   |
| http://www.aceites.info/m0d4/?AL08=Tbolzpt9rXeZ91U9wlhpx+nZxEa9zONUu6oxAitLGSU2Wdu93eLhJ7o42pW1H17q81Ltq=&FX10rv=UL00qTmprnwW   | -        | 82.163.176.128  | -       | GET          | CLEAN   |
| https://www.gandi.net/en/cloud  | -        | -               | -       | -            | CLEAN   |
| https://shop.gandi.net/en   | -        | -               | -       | -            | CLEAN   |
| https://www.gandi.net/en/domain   | -        | -               | -       | -            | CLEAN   |
| http://www.greenlightteams.com/10_Best_Mutual_Funds.cfm?fp=C6Ko6lS0m791FEdtlyzy7TY22jiBV0%2B8ljiENwbi9w76FfsqEynbl3Fjnq4wKtko4Rdg%2...cmhAs3mhUFhowqdiCjOgaitQbNmQmqm1CrzY%2FwaXB8iQoULo0f16dJ4RZxCoSOnHg0lgg%3D%3D&VrPHWV=O8Yh2h6&&kt=112&&ki=72996&ktid=0&kid=1061&kp=3 | -        | 209.99.64.33    | -       | -            | CLEAN   |
| http://www.toastpack.com/m0d4/?AL08=C0FyLQDmOvxjZakspQ6bMY13TbPr/9qf9RMzvcwLb2Zn1gZl3lQfiU9Qg6oJU7QnfBxw=&FX10rv=UL00qTmprnwW   | -        | 34.102.136.180  | -       | GET          | CLEAN   |
| http://greenlightteams.com  | -        | -               | -       | -            | CLEAN   |
| http://www.greenlightteams.com/px.js?ch=2   | -        | 209.99.64.33    | -       | -            | CLEAN   |
| http://www.greenlightteams.com/px.js?ch=1   | -        | 209.99.64.33    | -       | -            | CLEAN   |
| http://www.tenthgenerationtorah.com/m0d4/?AL08=mGIUdW2Hhm2PG3zh9JwTEQVxirr1ywQmw3qGssNmbrB1xVceB7WEhF7r3Lqhy6k1kXdJdA=&FX10rv=UL00qTmprnwW  | -        | 103.224.212.220 | -       | GET          | CLEAN   |
| http://www.perstockholm.com/m0d4/?VrPHWV=O8Yh2h6&AL08=7XWYUfYABOVdAnpCCqHgoLhtNBn8sw1plAzqMSF02ZrSrsWz8Q9PBCcJLz0Y4XBbh2Pg==  | -        | 156.234.16.189  | -       | GET          | CLEAN   |
| http://www.portres.online/m0d4/?AL08=5QX2iL+pw2MYMDUfTlweWlkahJ87DwyoOP3aWzqgiacXlFD4ogajsqjANYZwMbPyx7TGQ=&VrPHWV=O8Yh2h6  | -        | 162.213.255.214 | -       | GET          | CLEAN   |
| https://www.gandi.net/en/simple-hosting   | -        | -               | -       | -            | CLEAN   |
| http://www.greenlightteams.com/m0d4/?AL08=/cmhAs3mhUFhowqdiCjOgaitQbNmQmqm1CrzY/waXB8iQoULo0f16dJ4RZxCoSOnHg0lgg=&VrPHWV=O8Yh2h6  | -        | 209.99.64.33    | -       | GET          | CLEAN   |
| http://www.meredithlobrien.com/m0d4/?VrPHWV=O8Yh2h6&AL08=46O1sEYR4/wvH+blwVUeRrKpxvMq4OD5F1CZbwPFI2fYASWdQWFwztdAKhmRJ+qj5Ayg==   | -        | 34.102.136.180  | -       | GET          | CLEAN   |
| http://www.greenlightteams.com/sk-logabpstatus.php?a=MkcyNnhMa3RleU5FdWpNTEIGbXhuNHNGMIFNeXUxOHN3V25QUFFJdkwOZlBxRU9XQldOUmpLWtBTDRDBGNlVpblQvMGZrZndBeHcyWjhmcWJaz3F0eDdJWEk1am9FcvIFVGROZ2RKTvIadG5vZ0JVU2d4dTkvemFCek5Jdlp3S3Y=&b=                                     | -        | 209.99.64.33    | -       | -            | CLEAN   |



| URL  | Category | IP Address               | Country | HTTP Methods | Verdict |
|--|----------|--------------------------|---------|--------------|---------|
| http://www.futternmitflo.com/m0d4/?VrPHWV=O8Yh2h6&AL08=hu5YyLRdsgKsg3JM32LgsQICUIcoZL968qMFJRJR5TUyFTxWRvIKvb31X9wP6YGmle9CA==           | -        | 192.0.78.24, 192.0.78.25 | -       | GET          | CLEAN   |
| http://www.bulkheadsrestaurantgroup.com/m0d4/?VrPHWV=O8Yh2h6&AL08=ihChw7NkvHHnp4ehDSA07TGAws7cYloq91uq/CHYSLKFZDBb5B+puRdm5bVImhTydU0w== | -        | 199.59.243.200           | -       | GET          | CLEAN   |
| https://fonts.googleapis.com   | -        | -                        | -       | -            | CLEAN   |
| https://help.gandi.net/en  | -        | -                        | -       | -            | CLEAN   |

Domain

| Domain                           | IP Address   | Country | Protocols | Verdict    |
|----------------------------------|--|---------|-----------|------------|
| www.portres.online               | 162.213.255.214  | -       | DNS, TCP  | SUSPICIOUS |
| www.zoommachone.xyz              | 85.159.66.93   | -       | DNS, TCP  | SUSPICIOUS |
| natroredirect.natrocdn.com       | 85.159.66.93   | -       | DNS, TCP  | CLEAN      |
| www.techkaisimi.com              | 204.188.203.155, 209.141.38.71, 107.161.23.204, 168.235.88.209, 198.251.81.30, 64.32.22.102, 198.251.84.92, 192.161.187.200, 45.58.190.82, 70.39.125.244 | -       | DNS, TCP  | CLEAN      |
| www.toastpack.com                | 34.102.136.180   | -       | DNS, TCP  | CLEAN      |
| futternmitflo.com                | 192.0.78.24, 192.0.78.25   | -       | DNS, TCP  | CLEAN      |
| www.perstockholm.com             | 156.234.16.189   | -       | DNS, TCP  | CLEAN      |
| www.protocolohfresco.site        | -  | -       | -         | CLEAN      |
| www.hsf777.com                   | 23.224.102.249   | -       | DNS, TCP  | CLEAN      |
| www.meredithlobrien.com          | 34.102.136.180   | -       | DNS, TCP  | CLEAN      |
| www.sans-gluten.store            | -  | -       | -         | CLEAN      |
| www.apremotesamsung.com          | 103.224.212.222  | -       | DNS, TCP  | CLEAN      |
| www.gandi.net                    | -  | -       | -         | CLEAN      |
| www.digitalfactoryinstitut.com   | 217.70.184.50  | -       | DNS, TCP  | CLEAN      |
| meredithlobrien.com              | 34.102.136.180   | -       | DNS, TCP  | CLEAN      |
| redirect.natrocdn.com            | 85.159.66.93   | -       | DNS, TCP  | CLEAN      |
| parking.bodiscdn.com             | -  | -       | -         | CLEAN      |
| bhreselect.com                   | 34.102.136.180   | -       | DNS, TCP  | CLEAN      |
| www.bulkheadsrestaurantgroup.com | 199.59.243.200   | -       | DNS, TCP  | CLEAN      |
| i3.cdn-image.com                 | -  | -       | -         | CLEAN      |
| toastpack.com                    | 34.102.136.180   | -       | DNS, TCP  | CLEAN      |
| www.google.com                   | -  | -       | -         | CLEAN      |
| www.tyrs-it.com                  | 103.224.212.221  | -       | DNS, TCP  | CLEAN      |
| parking.namesilo.com             | 204.188.203.155, 209.141.38.71, 107.161.23.204, 168.235.88.209, 198.251.81.30, 64.32.22.102, 198.251.84.92, 192.161.187.200, 45.58.190.82, 70.39.125.244 | -       | DNS, TCP  | CLEAN      |
| whois.gandi.net                  | -  | -       | -         | CLEAN      |
| www.palia.world                  | 34.102.136.180   | -       | DNS, TCP  | CLEAN      |

| Domain                       | IP Address                    | Country | Protocols      | Verdict |
|------------------------------|-------------------------------|---------|----------------|---------|
| news.gandi.net               | -                             | -       | -              | CLEAN   |
| www.aceites.info             | 82.163.176.128                | -       | DNS, TCP, HTTP | CLEAN   |
| help.gandi.net               | -                             | -       | -              | CLEAN   |
| webredir.vip.gandi.net       | 217.70.184.50                 | -       | DNS, TCP       | CLEAN   |
| www.triumphgroup.xyz         | 172.67.210.242, 104.21.77.185 | -       | DNS, TCP       | CLEAN   |
| www.greenlighteams.com       | 209.99.64.33                  | -       | DNS, TCP       | CLEAN   |
| www.zhida095.com             | 134.73.225.58                 | -       | DNS, TCP       | CLEAN   |
| greenlighteams.com           | -                             | -       | -              | CLEAN   |
| www.baigouw.com              | -                             | -       | -              | CLEAN   |
| shop.gandi.net               | -                             | -       | -              | CLEAN   |
| palia.world                  | 34.102.136.180                | -       | DNS, TCP       | CLEAN   |
| www.bangkhacollections.com   | 3.108.154.143                 | -       | DNS, TCP       | CLEAN   |
| www.tenthgenerationtorah.com | 103.224.212.220               | -       | DNS, TCP       | CLEAN   |
| www.bhreselect.com           | 34.102.136.180                | -       | DNS, TCP       | CLEAN   |
| aceites.info                 | 82.163.176.128                | -       | DNS, TCP, HTTP | CLEAN   |
| www.futternmitflo.com        | 192.0.78.24, 192.0.78.25      | -       | DNS, TCP       | CLEAN   |
| fonts.googleapis.com         | -                             | -       | -              | CLEAN   |

**IP**

| IP Address      | Domains  | Country        | Protocols      | Verdict |
|-----------------|--|----------------|----------------|---------|
| 204.188.203.155 | parking.namesilo.com, www.techkaisimi.com  | United States  | DNS            | CLEAN   |
| 156.234.16.189  | www.perstockholm.com   | Hong Kong      | DNS, TCP       | CLEAN   |
| 34.102.136.180  | meredithlobrien.com, www.toastpack.com, toastpack.com, www.palia.world, www.bhreselect.com, palia.world, www.meredithlobrien.com, bhreselect.com | United States  | DNS, TCP       | CLEAN   |
| 107.161.23.204  | parking.namesilo.com, www.techkaisimi.com  | United States  | DNS            | CLEAN   |
| 199.59.243.200  | www.bulkheadsrestaurantgroup.com   | United States  | DNS, TCP       | CLEAN   |
| 70.39.125.244   | parking.namesilo.com, www.techkaisimi.com  | United States  | DNS, TCP       | CLEAN   |
| 103.224.212.221 | www.tyrs-it.com  | Australia      | DNS, TCP       | CLEAN   |
| 134.73.225.58   | www.zhida095.com   | United States  | DNS, TCP       | CLEAN   |
| 162.213.255.214 | www.portres.online   | United States  | DNS, TCP       | CLEAN   |
| 209.141.38.71   | parking.namesilo.com, www.techkaisimi.com  | United States  | DNS            | CLEAN   |
| 172.67.210.242  | www.triumphgroup.xyz   | United States  | DNS, TCP       | CLEAN   |
| 82.163.176.128  | aceites.info, www.aceites.info   | United Kingdom | DNS, TCP, HTTP | CLEAN   |
| 103.224.212.220 | www.tenthgenerationtorah.com   | Australia      | DNS, TCP       | CLEAN   |
| 168.235.88.209  | parking.namesilo.com, www.techkaisimi.com  | United States  | DNS            | CLEAN   |
| 198.251.81.30   | parking.namesilo.com, www.techkaisimi.com  | United States  | DNS            | CLEAN   |
| 209.99.64.33    | www.greenlighteams.com   | United States  | DNS, TCP       | CLEAN   |

| IP Address      | Domains  | Country       | Protocols | Verdict |
|-----------------|--|---------------|-----------|---------|
| 192.161.187.200 | parking.namesilo.com, www.techkaisimi.com                              | United States | DNS       | CLEAN   |
| 64.32.22.102    | parking.namesilo.com, www.techkaisimi.com                              | United States | DNS       | CLEAN   |
| 104.21.77.185   | www.triumphgroup.xyz   | -             | DNS       | CLEAN   |
| 192.0.78.24     | futtermitflo.com, www.futtermitflo.com                                 | United States | DNS       | CLEAN   |
| 198.251.84.92   | parking.namesilo.com, www.techkaisimi.com                              | Luxembourg    | DNS       | CLEAN   |
| 217.70.184.50   | webredir.vip.gandi.net, www.digitalfactoryinstitut.com                 | France        | DNS, TCP  | CLEAN   |
| 192.0.78.25     | futtermitflo.com, www.futtermitflo.com                                 | United States | DNS, TCP  | CLEAN   |
| 85.159.66.93    | www.zoommachone.xyz, redirect.natrocdn.com, natroredirect.natrocdn.com | Turkey        | DNS, TCP  | CLEAN   |
| 103.224.212.222 | www.apremotesamsung.com  | Australia     | DNS, TCP  | CLEAN   |
| 45.58.190.82    | parking.namesilo.com, www.techkaisimi.com                              | United States | DNS       | CLEAN   |
| 3.108.154.143   | www.bangkhacollections.com   | India         | DNS, TCP  | CLEAN   |
| 23.224.102.249  | www.hsf777.com   | United States | DNS, TCP  | CLEAN   |

## Mutex

| Name                            | Operations | Parent Process Name | Verdict |
|---------------------------------|------------|---------------------|---------|
| S-1-5-21-1560258-193263778575   | access     | explorer.exe        | CLEAN   |
| 6NON26-3X60UXYXz                | access     | systray.exe         | CLEAN   |
| S-1-5-21-1560258-14963319274527 | access     | iexplore.exe        | CLEAN   |
| 5M764PD81WX9E20z                | access     | systray.exe         | CLEAN   |

## Registry

| Registry Key  | Operations     | Parent Process Name | Verdict |
|---|----------------|---------------------|---------|
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook   | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676          | create, access | systray.exe         | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Command Processor\DisableUNCCheck  | access, read   | cmd.exe             | CLEAN   |
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9207f3e0a3b11019908b08002b2a56c2          | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\0a0d02000000000c0000000000000046          | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\13ddb0c8aa05101a9bb000aa002fc45a          | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002 | create, access | systray.exe         | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Command Processor\DelayedExpansion   | access, read   | cmd.exe             | CLEAN   |
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Windows\CurrentVersion\Run   | create, access | systray.exe         | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Command Processor\PathCompletionChar  | access, read   | cmd.exe             | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Mozilla\Mozilla Thunderbird   | create, access | systray.exe         | CLEAN   |

| Registry Key   | Operations     | Parent Process Name | Verdict |
|--|----------------|---------------------|---------|
| HKEY_CURRENT_USER\Software\Microsoft\Command Processor\DefaultColor  | access, read   | cmd.exe             | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Command Processor\AutoRun  | access, read   | cmd.exe             | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook        | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Windows\CurrentVersion\Run\JT2LG  | access, write  | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\15.0\Outlook\Profiles\Outlook  | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\8763203907727d498bce4b981b157d7b         | create, access | systray.exe         | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Command Processor\PathCompletionChar  | access, read   | cmd.exe             | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\f35c115766b7c94cb080da6869ae8f9d         | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A667600000003 | create, access | systray.exe         | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Mozilla\Mozilla Firefox  | create, access | systray.exe         | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\ProductName  | access, read   | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\dc48e7c6d33441458035ee20beefe18a         | create, access | systray.exe         | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Command Processor   | access         | cmd.exe             | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\f86ed2903a4a11c1fb5e7524153480001        | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies   | create, access | systray.exe         | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Command Processor  | access         | cmd.exe             | CLEAN   |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion  | create, access | systray.exe         | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Command Processor\DisableUNCCheck  | access, read   | cmd.exe             | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\2db91c5fd8470d46b1a5bc5efab4cae7         | create, access | systray.exe         | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Command Processor\DefaultColor   | access, read   | cmd.exe             | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\3517490d76624c419a828607e2a54604         | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\6c29d51f56390b45a924b3b787013a66         | create, access | systray.exe         | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Command Processor\EnableExtensions   | access, read   | cmd.exe             | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\9375CFF0413111d3B88A00104B2A667600000001 | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\e57f6d0b27b6134693ca7113a4ab34a6         | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\S-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\850302000000000c0000000000000046         | create, access | systray.exe         | CLEAN   |

| Registry Key  | Operations     | Parent Process Name | Verdict |
|---|----------------|---------------------|---------|
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook_2016                              | create, access | systray.exe         | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Command Processor\DelayedExpansion  | access, read   | cmd.exe             | CLEAN   |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Command Processor\CompletionChar  | access, read   | cmd.exe             | CLEAN   |
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Office\16.0\Outlook\Profiles\Outlook\893893ad-e607c44aa338ac7df5d6cb42 | create, access | systray.exe         | CLEAN   |
| HKEY_USERS\SIS-1-5-21-1560258661-3990802383-1811730007-1000\SOFTWARE\Microsoft\Internet Explorer\IntelliForms\Storage2                                | create, access | systray.exe         | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Command Processor\AutoRun  | access, read   | cmd.exe             | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Command Processor\CompletionChar   | access, read   | cmd.exe             | CLEAN   |
| HKEY_CURRENT_USER\Software\Microsoft\Command Processor\EnableExtensions   | access, read   | cmd.exe             | CLEAN   |
| HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\System  | access         | cmd.exe             | CLEAN   |

**Process**

| Process Name   | Commandline   | Verdict    |
|--|---|------------|
| 285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe | "C:\Users\RDHJOC\Fevz\X\Desktop\285e772a15413afa15e86632327faebaa56ff23d0ca19249c228b2d531e19f96.exe" | MALICIOUS  |
| pkyp.exe   | C:\Users\RDHJOC~1\AppData\Local\Temp\pkyp.exe C:\Users\RDHJOC~1\AppData\Local\Temp\zpcfhwca           | MALICIOUS  |
| iepl.exe   | "C:\Program Files (x86)\Internet Explorer\EXPLORE.EXE" SCODEF:1496 CREDAT:82945 /prefetch:2           | SUSPICIOUS |
| explorer.exe   | C:\Windows\Explorer.EXE   | SUSPICIOUS |
| pkyp.exe   | C:\Users\RDHJOC~1\AppData\Local\Temp\pkyp.exe C:\Users\RDHJOC~1\AppData\Local\Temp\zpcfhwca           | SUSPICIOUS |
| systray.exe  | "C:\Windows\SysWOW64\systray.exe"   | SUSPICIOUS |
| cmd.exe  | /c del "C:\Users\RDHJOC~1\AppData\Local\Temp\pkyp.exe"  | SUSPICIOUS |
| 3dftp.exe  | "C:\Program Files (x86)\WindowsPowerShell\3dftp.exe"  | SUSPICIOUS |
| absolutetelnet.exe   | "C:\Program Files (x86)\MSBuild\absolutetelnet.exe"   | SUSPICIOUS |
| alftp.exe  | "C:\Program Files\Windows Portable Devices\alftp.exe"   | SUSPICIOUS |
| barca.exe  | "C:\Program Files (x86)\Windows Defender\barca.exe"   | SUSPICIOUS |
| bitkin.exe   | "C:\Program Files\Windows Multimedia Platform\bitkin.exe"   | SUSPICIOUS |
| coreftp.exe  | "C:\Program Files\Internet Explorer\coreftp.exe"  | SUSPICIOUS |
| far.exe  | "C:\Program Files\Windows Portable Devices\far.exe"   | SUSPICIOUS |
| filezilla.exe  | "C:\Program Files\WindowsPowerShell\filezilla.exe"  | SUSPICIOUS |
| flashfxp.exe   | "C:\Program Files\MSBuild\flashfxp.exe"   | SUSPICIOUS |
| fling.exe  | "C:\Program Files (x86)\Internet Explorer\fling.exe"  | SUSPICIOUS |
| gmailnotifierpro.exe   | "C:\Program Files (x86)\Microsoft Office\gmailnotifierpro.exe"  | SUSPICIOUS |
| icq.exe  | "C:\Program Files\Windows Defender\icq.exe"   | SUSPICIOUS |
| leechftp.exe   | "C:\Program Files (x86)\MSBuild\leechftp.exe"   | SUSPICIOUS |
| ncftp.exe  | "C:\Program Files (x86)\Microsoft.NET\ncftp.exe"  | SUSPICIOUS |

| Process Name       | Commandline   | Verdict    |
|--------------------|---|------------|
| notepad.exe        | "C:\Program Files\Windows Portable Devices\notepad.exe"       | SUSPICIOUS |
| operamail.exe      | "C:\Program Files (x86)\WindowsPowerShell\operamail.exe"      | SUSPICIOUS |
| outlook.exe        | "C:\Program Files (x86)\Microsoft Office\outlook.exe"         | SUSPICIOUS |
| pidgin.exe         | "C:\Program Files\Windows Sidebar\pidgin.exe"                 | SUSPICIOUS |
| scriptftp.exe      | "C:\Program Files\Reference Assemblies\scriptftp.exe"         | SUSPICIOUS |
| skype.exe          | "C:\Program Files\Windows Portable Devices\skype.exe"         | SUSPICIOUS |
| smartftp.exe       | "C:\Program Files\Windows Photo Viewer\smartftp.exe"          | SUSPICIOUS |
| thunderbird.exe    | "C:\Program Files (x86)\Microsoft Office\thunderbird.exe"     | SUSPICIOUS |
| trillian.exe       | "C:\Program Files\WindowsPowerShell\trillian.exe"             | SUSPICIOUS |
| webdrive.exe       | "C:\Program Files (x86)\WindowsPowerShell\webdrive.exe"       | SUSPICIOUS |
| whatsapp.exe       | "C:\Program Files\MSBuild\whatsapp.exe"                       | SUSPICIOUS |
| winscp.exe         | "C:\Program Files\WindowsPowerShell\winscp.exe"               | SUSPICIOUS |
| yahoomessenger.exe | "C:\Program Files (x86)\Windows Defender\yahoomessenger.exe"  | SUSPICIOUS |
| iexplore.exe       | "C:\Program Files\Internet Explorer\iexplore.exe" about:blank | CLEAN      |

## YARA / AV

### YARA (20)

| Ruleset Name | Rule Name     | Rule Description | File Type        | File Name | Classification | Verdict |
|--------------|---------------|------------------|------------------|-----------|----------------|---------|
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook      | FormBook         | Function Strings | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |
| Malware      | FormBook_2021 | FormBook         | Memory Dump      | -         | Spyware        | 5/5     |

## ENVIRONMENT

### Virtual Machine Information

|                     |   |
|---------------------|---|
| Name                | win10_64_th2_en_mso2016                             |
| Description         | win10_64_th2_en_mso2016                             |
| Architecture        | x86 64-bit  |
| Operating System    | Windows 10 Threshold 2                              |
| Kernel Version      | 10.0.10586.0 (0de6dc23-8e19-4bb7-8608-d54b1e6fa379) |
| Network Scheme Name | Local Gateway                                       |
| Network Config Name | Local Gateway                                       |

### Platform Information

|                                    |                                |
|------------------------------------|--------------------------------|
| Platform Version                   | 4.5.0                          |
| Dynamic Engine Version             | 4.5.0 / 04/22/2022 19:04       |
| Static Engine Version              | 4.5.0.0 / 2022-04-22 17:45:13  |
| AV Exceptions Version              | 4.5.0.2 / 2022-04-03 15:57:54  |
| Link Detonation Heuristics Version | 4.5.0.19 / 2022-04-20 05:46:11 |
| Smart Memory Dumping Rules Version | 4.5.0.2 / 2022-04-03 15:57:54  |
| Config Extractors Version          | 4.5.0.14 / 2022-04-07 17:00:08 |
| Signature Trust Store Version      | 4.5.0.2 / 2022-04-03 15:57:54  |
| VMRay Threat Identifiers Version   | 4.5.0.24 / 2022-04-26 09:10:00 |
| YARA Built-in Ruleset Version      | 4.5.0.2                        |

### Software Information

|                              |                |
|------------------------------|----------------|
| Adobe Acrobat Reader Version | Not installed  |
| Microsoft Office             | 2016           |
| Microsoft Office Version     | 16.0.4266.1003 |
| Hangul Office                | Not installed  |
| Hangul Office Version        | Not installed  |
| Internet Explorer Version    | 11.0.10586.0   |
| Chrome Version               | Not installed  |
| Firefox Version              | Not installed  |
| Flash Version                | Not installed  |
| Java Version                 | Not installed  |

### System Information

|                  |                                      |
|------------------|--------------------------------------|
| Sample Directory | C:\Users\RDhJ0CNFevzX\Desktop        |
| Computer Name    | XC64ZB                               |
| User Domain      | XC64ZB                               |
| User Name        | RDhJ0CNFevzX                         |
| User Profile     | C:\Users\RDhJ0CNFevzX                |
| Temp Directory   | C:\Users\RDhJ0C-1\AppData\Local\Temp |



System Root

C:\Windows

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