

#### **General Info**

IObit Driver Booster Pro 9.exe File name:

Full analysis: https://app.any.run/tasks/f0a50f39-6273-44ed-add1-a24bfb862163

Verdict: Malicious activity Threats: RedLine

RedLine Stealer is a malicious program that collects users' confidential data from browsers, systems, and installed software. It also infects operating systems with other malware

Analysis date: August 22, 2022 at 15:14:00

Windows 7 Professional Service Pack 1 (build: 7601, 32 bit) OS:

Tags: trojan rat redline Indicators: **曼米参**后四 MIMF: application/x-dosexec

PE32 executable (console) Intel 80386 (stripped to external PDB), for MS Windows File info:

MD5: 884254EA51E126DA4E3A2BCAD9E2C288E8ECE8D7 SHA1:

A1D235F9DF5E4F7797ABE0CCEE91B6A0

SHA256: FAA3E926D4B9981B4B21A9C5A2CD61DD573B8EEE6938A9519DBDFCABB32073C2 24576:zpy3s93HOkRbN8HMYKYmZ/JZtSdMX9dKiopn8zCfS31H:zhHxX8bR5fSlH SSDEEP:

Software environment set and analysis options

## Launch configuration

off Task duration: 120 seconds Heavy Evasion option: off Network geolocation:

Additional time used: none MITM proxy: Public submission off Privacy:

KB2506212

KB2560656

KB2685811

Fakenet option: Route via Tor: off off Autoconfirmation of UAC: off

Network:

Java Auto Updater (2.8.271.9)

Microsoft Office Access MUI (Russian) 2010 (14.0.4763.1000)

Microsoft Office Groove MUI (Japanese) 2010 (14.0.4763.1000)

#### Software preset **Hotfixes**

Internet Explorer 11.0.9600.19596 KB4534251 Client LanguagePack Package Adobe Acrobat Reader DC (20.013.20064) Client Refresh LanguagePack Package Adobe Flash Player 32 ActiveX (32.0.0.453) CodecPack Basic Package

Adobe Flash Player 32 NPAPI (32.0.0.453) Foundation Package Adobe Flash Player 32 PPAPI (32.0.0.453) IE Hyphenation Parent Package English

Adobe Refresh Manager (1.8.0) IE Spelling Parent Package English CCleaner (5.74) IE Troubleshooters Package

FileZilla Client 3.51.0 (3.51.0) InternetExplorer Optional Package InternetExplorer Package TopLevel

Google Chrome (86.0.4240.198) Google Update Helper (1.3.36.31) KB2479943 Java 8 Update 271 (8.0.2710.9) KB2491683

Microsoft .NET Framework 4.5.2 (4.5.51209) KB2506928 Microsoft Office Access MUI (English) 2010 (14.0.6029.1000) KB2532531

Microsoft Office Access MUI (French) 2010 (14.0.4763.1000) Microsoft Office Access MUI (German) 2010 (14.0.4763.1000)

Microsoft Office Access MUI (Italian) 2010 (14.0.4763.1000) KB2534111 Microsoft Office Access MUI (Japanese) 2010 (14.0.4763.1000) KB2545698

Microsoft Office Access MUI (Korean) 2010 (14.0.4763.1000) KR2547666 Microsoft Office Access MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) KB2552343

Microsoft Office Access MUI (Spanish) 2010 (14.0.4763.1000) KB2564958

Microsoft Office Access MUI (Turkish) 2010 (14.0.4763.1013) KB2574819 Microsoft Office Access Setup Metadata MUI (English) 2010 (14.0.6029.1000) KB2579686

Microsoft Office Excel MUI (English) 2010 (14.0.6029.1000) KB2585542 Microsoft Office Excel MUI (French) 2010 (14.0.4763.1000) KB2604115

Microsoft Office Excel MUI (German) 2010 (14.0.4763.1000) KB2620704 Microsoft Office Excel MUI (Italian) 2010 (14.0.4763.1000) KB2621440 Microsoft Office Excel MUI (Japanese) 2010 (14.0.4763.1000) KB2631813 Microsoft Office Excel MUI (Korean) 2010 (14.0.4763.1000) KB2639308

Microsoft Office Excel MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) KB2640148 Microsoft Office Excel MUI (Russian) 2010 (14.0.4763.1000) KB2653956 Microsoft Office Excel MUI (Spanish) 2010 (14.0.4763.1000)

KB2654428 Microsoft Office Excel MUI (Turkish) 2010 (14.0.4763.1013) KB2656356 Microsoft Office Groove MUI (French) 2010 (14.0.4763.1000) KB2660075 Microsoft Office Groove MUI (German) 2010 (14.0.4763.1000) KB2667402 Microsoft Office Groove MUI (Italian) 2010 (14.0.4763.1000) KB2676562

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|     |                             | MUI (Korean) 2010 (14.0.4763.1000)   | KB2685813              |
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|     |                             | MUI (Russian) 2010 (14.0.4763.1000)  | KB2690533              |
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|     |                             | e Pack 2010 - German/Deutsch (14.0.4763.1000)  | KB2770660              |
|     |                             | e Pack 2010 - Italian/Italiano (14.0.4763.1000)  | KB2773072              |
|     |                             | le Pack 2010 - Japanese/日本語 (14.0.4763.1000)   | KB2786081              |
|     |                             | le Pack 2010 - Korean/한국어 (14.0.4763.1000)   | KB2789645              |
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|     |                             | pe Pack 2010 - Turkish/Türkçe (14.0.4763.1013)   | KB2808679              |
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|     |                             | talian) 2010 (14.0.4763.1000)  | KB2820331              |
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| Microsoft Offic | e Shared Setup Metadata MUI (English) 2010 (14.0.6029.1000)           | KB3108664          |
| Microsoft Offic | e Single Image 2010 (14.0.6029.1000)                                  | KB3109103          |
| Microsoft Offic | e Word MUI (English) 2010 (14.0.6029.1000)                            | KB3109560          |
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|                 | al C++ 2008 Redistributable - x86 9.0.30729.6161 (9.0.30729.6161)     | KB3155178          |
|                 |   |                    |

Microsoft Visual C++ 2010 x86 Redistributable - 10.0.40219 (10.0.40219) KB3156016 Microsoft Visual C++ 2013 Redistributable (x86) - 12.0.30501 (12.0.30501.0) KB3159398 Microsoft Visual C++ 2013 x86 Additional Runtime - 12.0.21005 (12.0.21005) KB3161102 Microsoft Visual C++ 2013 x86 Minimum Runtime - 12.0.21005 (12.0.21005) KB3161949 Microsoft Visual C++ 2015-2019 Redistributable (x86) - 14.21.27702 (14.21.27702.2) KB3170735 Microsoft Visual C++ 2019 X86 Additional Runtime - 14.21.27702 (14.21.27702) KB3172605 Microsoft Visual C++ 2019 X86 Minimum Runtime - 14.21.27702 (14.21.27702) KB3179573 Mozilla Firefox 83.0 (x86 en-US) (83.0) KB3184143 Mozilla Maintenance Service (83.0.0.7621) KB3185319 Notepad++ (32-bit x86) (7.9.1) KR4019990 Opera 12.15 (12.15.1748) KB4040980 QGA (2.14.33) KB4474419 Skype version 8.29 (8.29) KB4490628 VLC media player (3.0.11) KB4524752 WinRAR 5.91 (32-bit) (5.91.0) KB4532945 KB4536952 KR4567409 KR958488 KR976902 KB982018 LocalPack AU Package LocalPack CA Package LocalPack GB Package LocalPack US Package LocalPack ZA Package Package 21 for KB2984976 Package 38 for KB2984976 Package 45 for KB2984976 Package 59 for KB2984976 Package 7 for KB2984976 Package 76 for KB2984976 PlatformUpdate Win7 SRV08R2 Package TopLevel ProfessionalEdition RDP BlueIP Package TopLevel RDP WinIP Package TopLevel RollupFix WUClient SelfUpdate ActiveX WUClient SelfUpdate Aux TopLevel WUClient SelfUpdate Core TopLevel WinMan WinIP Package TopLevel

### Behavior activities

## **MALICIOUS**

REDLINE detected by memory dumps IObit Driver Booster Pro 9.exe (PID: 3216)

AppLaunch.exe (PID: 179328)

Steals credentials from Web Browsers AppLaunch.exe (PID: 179328)

REDLINE was detected

AppLaunch.exe (PID: 179328)

Connects to CnC server

AppLaunch.exe (PID: 179328)

Actions looks like stealing of personal data

AppLaunch.exe (PID: 179328)

Drops executable file immediately after starts

AppLaunch.exe (PID: 179328)

#### SUSPICIOUS

Reads the computer name AppLaunch.exe (PID: 179328)

Checks supported languages

IObit Driver Booster Pro 9.exe (PID: 3216) AppLaunch.exe (PID: 179328)

Reads Environment values

AppLaunch.exe (PID: 179328)

Executable content was dropped or overwritten

AppLaunch.exe (PID: 179328)

Drops a file with a compile date too recent

AppLaunch.exe (PID: 179328)

Searches for installed software

INFO

Reads settings of System Certificates

AppLaunch.exe (PID: 179328)

### Static information

**TRID EXIF** 

| Win32 Executable MS Visual C++ (generic) (67.3) .dll | Win32 Dynamic Link Library (generic) (14.1)

| Win32 Executable (generic) (9.7) .exe | Generic Win/DOS Executable (4.3) .exe | DOS Executable Generic (4.3)

EXE

Subsystem: Windows command line

4 SubsystemVersion: ImageVersion:

EntryPoint: 0x14a0
UninitializedDataSize: 4096
InitializedDataSize: 1185280

 CodeSize:
 751616

 LinkerVersion:
 2.3

 PEType:
 PE32

 TimeStamp:
 2022:08:22 11:06:56+02:00

 MachineType:
 Intel 386 or later, and compatibles

#### Summary

Architecture: IMAGE\_FILE\_MACHINE\_I386
Subsystem: IMAGE\_SUBSYSTEM\_WINDOWS\_CUI

Compilation Date: 22-Aug-2022 09:06:56
TLS Callbacks: 2 callback(s) detected.

#### **DOS Header**

#### Magic number: MZ Bytes on last page of file: 0x0090 Pages in file: 0x0003 Relocations: 0x0000 Size of header: 0x0004 Min extra paragraphs: 0x0000 0xFFFF Max extra paragraphs: Initial SS value: 0x0000 Initial SP value: 0x00B8 Checksum: 0x0000 Initial IP value: 0x0000 Initial CS value: 0x0000 0x0000 Overlay number: OEM identifier: 0x0000 OEM information: 0x0000 Address of NE header: 0x00000080

#### PE Headers

Signature: PE

Machine: IMAGE\_FILE\_MACHINE\_I386

Number of sections: 8

 Time date stamp:
 22-Aug-2022 09:06:56

 Pointer to Symbol Table:
 0x00000000

Number of symbols: 0
Size of Optional Header: 0x00E0

Characteristics: IMAGE FILE 32BIT MACHINE

IMAGE\_FILE\_DEBUG\_STRIPPED
IMAGE\_FILE\_EXECUTABLE\_IMAGE
IMAGE\_FILE\_LINE\_NUMS\_STRIPPED
IMAGE\_FILE\_LOCAL\_SYMS\_STRIPPED

IMAGE\_FILE\_RELOCS\_STRIPPED

#### Sections

| Name                 | Virtual Address | Virtual Size | Raw Size   | Charateristics   | Entropy  |
|----------------------|-----------------|--------------|------------|--|----------|
| .text                | 0x00001000      | 0x000B77D4   | 0x000B7800 | IMAGE_SCN_ALIGN_1024BYTES, IMAGE_SCN_ALIGN_16BYTES, IMAGE_SCN_ALIGN_1BYTES, IMAGE_SCN_ALIGN_2048BYTES, IMAGE_SCN_ALIGN_256BYTES, IMAGE_SCN_ALIGN_32BYTES, IMAGE_SCN_ALIGN_4096BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_4192BYTES, IMAGE_SCN_ALIGN_BYTES, IMAGE_SCN_ALIGN_BYTES, IMAGE_SCN_ALIGN_BYTES, IMAGE_SCN_ALIGN_ABYTES, IMAGE_SCN_ALIGN_ABYTES, IMAGE_SCN_ALIGN_ABSK, IMAGE_SCN_CNT_CODE, IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_MEM_READ  | 6.30086  |
| .data                | 0x000B9000      | 0x0001DBBC   | 0x0001DC00 | IMAGE_SCN_ALIGN_1024BYTES, IMAGE_SCN_ALIGN_16BYTES, IMAGE_SCN_ALIGN_2048BYTES, IMAGE_SCN_ALIGN_2BYTES, IMAGE_SCN_ALIGN_2BYTES, IMAGE_SCN_ALIGN_4096BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_8192BYTES, IMAGE_SCN_ALIGN_8BYTES, IMAGE_SCN_ALIGN_MASK, IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ, IMAGE_SCN_MEM_WRITE  | 7.10217  |
| .rdata               | 0x000D7000      | 0x0000F1A0   | 0x0000F200 | IMAGE_SCN_ALIGN_1024BYTES, IMAGE_SCN_ALIGN_16BYTES, IMAGE_SCN_ALIGN_2048BYTES, IMAGE_SCN_ALIGN_2BYTES, IMAGE_SCN_ALIGN_2BYTES, IMAGE_SCN_ALIGN_4096BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_512BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_8192BYTES, IMAGE_SCN_ALIGN_8BYTES, IMAGE_SCN_ALIGN_MASK, IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ   | 5.69512  |
| .eh_fram\x9c\xbe\x03 | 0x000E7000      | 0x0003BE9C   | 0x0003C000 | IMAGE_SCN_ALIGN_1024BYTES, IMAGE_SCN_ALIGN_16BYTES, IMAGE_SCN_ALIGN_1BYTES, IMAGE_SCN_ALIGN_256BYTES, IMAGE_SCN_ALIGN_2BYTES, IMAGE_SCN_ALIGN_32BYTES, IMAGE_SCN_ALIGN_4096BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_512BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_BYDESPYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_BYDESPYTES, IMAGE_SCN_ALIGN_BYDESPYTES, IMAGE_SCN_ALIGN_BYDESPYTES, IMAGE_SCN_ALIGN_BYDESPYTES, IMAGE_SCN_ALIGN_BYDESPYTES, IMAGE_SCN_ALIGN_BYDESPYTES, IMAGE_SCN_ALIGN_BYDESPYTES, IMAGE_SCN_BYDESPYTES, IMAGE_SCN_BYDESPYTESPYTES, IMAGE_SCN_BYDESPYTESPYTESPYTESPYTESPYTESPYTESPYTESPYT                                   | 4.7945   |
| .bss                 | 0x00123000      | 0x00000F00   | 0x00000000 | IMAGE_SCN_ALIGN_1024BYTES, IMAGE_SCN_ALIGN_16BYTES, IMAGE_SCN_ALIGN_2048BYTES, IMAGE_SCN_ALIGN_2BYTES, IMAGE_SCN_ALIGN_32BYTES, IMAGE_SCN_ALIGN_4096BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_BYTES, IM | 0        |
| .idata               | 0x00124000      | 0x00000BD0   | 0x00000C00 | IMAGE_SCN_ALIGN_1024BYTES, IMAGE_SCN_ALIGN_16BYTES, IMAGE_SCN_ALIGN_1BYTES, IMAGE_SCN_ALIGN_256BYTES, IMAGE_SCN_ALIGN_25BYTES, IMAGE_SCN_ALIGN_4096BYTES, IMAGE_SCN_ALIGN_4MAGE_SCN_ALIGN_512BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_4MASK, IMAGE_SCN_ALIGN_MASK, IMAGE_SCN_ALIGN_MASK, IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ, IMAGE_SCN_MEM_WRITE   | 5.11496  |
| .CRT                 | 0x00125000      | 0x00000034   | 0x00000200 | IMAGE_SCN_ALIGN_1024BYTES, IMAGE_SCN_ALIGN_16BYTES, IMAGE_SCN_ALIGN_1BYTES, IMAGE_SCN_ALIGN_256BYTES, IMAGE_SCN_ALIGN_2BYTES, IMAGE_SCN_ALIGN_32BYTES, IMAGE_SCN_ALIGN_4096BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_512BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_MASK, IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ, IMAGE_SCN_MEM_WRITE   | 0.273546 |
| .tls                 | 0x00126000      | 0x0000008    | 0x00000200 | IMAGE_SCN_ALIGN_1024BYTES, IMAGE_SCN_ALIGN_16BYTES, IMAGE_SCN_ALIGN_1BYTES, IMAGE_SCN_ALIGN_256BYTES, IMAGE_SCN_ALIGN_250FYTES, IMAGE_SCN_ALIGN_32BYTES, IMAGE_SCN_ALIGN_4096BYTES, IMAGE_SCN_ALIGN_4BYTES, IMAGE_SCN_ALIGN_512BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_64BYTES, IMAGE_SCN_ALIGN_MASK, IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ, IMAGE_SCN_MEM_WRITE  | 0        |

#### **Imports**

| KERNEL32.dll |  |
|--------------|--|
| msvcrt.dll   |  |

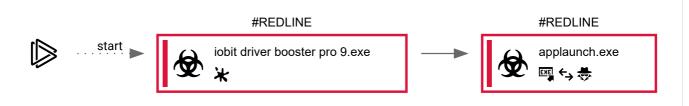
## Video and screenshots

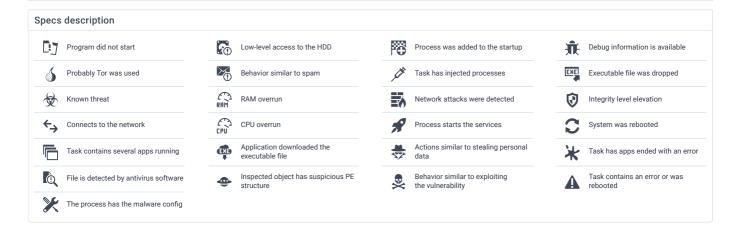


### **Processes**

Total processes Monitored processes Malicious processes Suspicious processes 38 2 2 0

#### Behavior graph





#### **Process information**

| PID     | CMD   | Path   | Indicators          | Parent process                 |
|---------|---|--|---------------------|--------------------------------|
| 3216    | "C:\Users\admin\AppData\Local\Temp\lObit Driver Booster Pro 9.exe"                        | C:\Users\admin\AppData\Local\Temp\lObit Driver Booster Pro 9.exe | <b>*</b> ♦ <b>*</b> | Explorer.EXE                   |
| Informa | ation   |  |                     |                                |
| User:   | admin Integrity Level: MEDIUM   |  |                     |                                |
| 179328  | $\label{lem:condition} $$ 'C:\Windows\Microsoft.NET\Framework\v4.0.30319\AppLaunch. exe'$ | C:\Windows\Microsoft.NET\Framework\v4.0.30319\AppLaunch. exe     | <b>&gt;</b>         | IObit Driver Booster Pro 9.exe |

| Information      |        |              |   |  |  |  |  |
|------------------|--------|--------------|---|--|--|--|--|
| User:            | admin  | Company:     | Microsoft Corporation                   |  |  |  |  |
| Integrity Level: | MEDIUM | Description: | Microsoft .NET ClickOnce Launch Utility |  |  |  |  |
| Exit code:       | 0      | Version:     | 4.0.30319.34209 built by: FX452RTMGDR   |  |  |  |  |
|                  |        |              |   |  |  |  |  |

# Registry activity

Total events Read events Write events Delete events

6 013 5 979 34 0

### Modification events

| (PID) Process: Operation: Value: 0             | (179328) AppLaunch.exe<br>write              |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASAPI32  EnableFileTracing                |
|--|--|------|--|
| (PID) Process: Operation: Value: 0             | (179328) AppLaunch.exe<br>write              |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASAPI32 EnableConsoleTracing              |
| (PID) Process:<br>Operation:<br>Value:         | (179328) AppLaunch.exe write                 |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASAPI32 FileTracingMask                   |
| (PID) Process:<br>Operation:<br>Value:         | (179328) AppLaunch.exe write                 | -    | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASAPI32 ConsoleTracingMask                |
| (PID) Process:<br>Operation:<br>Value: 1048576 | (179328) AppLaunch.exe<br>write              |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASAPI32 MaxFileSize                       |
| (PID) Process:<br>Operation:<br>Value: %windir | (179328) AppLaunch.exe<br>write<br>%\tracing |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASAPI32 FileDirectory                     |
| (PID) Process:<br>Operation:<br>Value: 0       | (179328) AppLaunch.exe write                 |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASMANCS EnableFileTracing                 |
| (PID) Process: Operation: Value: 0             | (179328) AppLaunch.exe<br>write              |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASMANCS EnableConsoleTracing              |
| (PID) Process:<br>Operation:<br>Value:         | (179328) AppLaunch.exe<br>write              |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASMANCS FileTracingMask                   |
| (PID) Process:<br>Operation:<br>Value:         | (179328) AppLaunch.exe<br>write              |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASMANCS ConsoleTracingMask                |
| (PID) Process:<br>Operation:<br>Value: 1048576 | (179328) AppLaunch.exe<br>write              | -    | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASMANCS MaxFileSize                       |
| (PID) Process:<br>Operation:<br>Value: %windir | (179328) AppLaunch.exe<br>write<br>%\tracing |      | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\AppLaunch_RASMANCS FileDirectory                     |
| (PID) Process:<br>Operation:<br>Value: en-US   | (179328) AppLaunch.exe<br>write              |      | HKEY_CLASSES_ROOT\Local Settings\MuiCache\16C\52C64B7E<br>LanguageList                             |
| (PID) Process:<br>Operation:<br>Value: 1       | (179328) AppLaunch.exe write                 |      | HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap ProxyBypass  |
| (PID) Process:<br>Operation:<br>Value: 1       | (179328) AppLaunch.exe<br>write              |      | HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap IntranetName |
| (PID) Process:                                 | (179328) AppLaunch.exe                       | Key: | HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap              |

#### 10/7/22, 6:01 PM faa3e926d4b9981b4b21a9c5a2cd61dd573b8eee6938a9519dbdfcabb32073c2 | ANY.RUN - Free Malware Sandbox Online

Operation: write write Name: UNCAsIntranet

Value: 1

(PID) Process: (179328) AppLaunch.exe Key: HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap

Operation: write Name: AutoDetect

Value: 0

# Files activity

Executable files Suspicious files Text files Unknown types
1 3 0 1

#### **Dropped files**

| PID    | Process       | Filename  |  | Туре                     |  |
|--------|---------------|---|--|--------------------------|--|
| 179328 | AppLaunch.exe | C:\Users\admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content\77EC63BDA74BD0D0E0426DC8F8008506  MD5: 589C442FC7A0C70DCA927115A700D41E  |  |                          |  |
| 179328 | AppLaunch.exe | C:\Users\admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\77EC63BDA74BD0D0E0426DC8F8008506  MD5: 29545FD5B289429BD0659946E24EEA60 |  |                          |  |
| 179328 | AppLaunch.exe | C:\Users\admin\AppData\Local\Temp\Cab3EDC.tmp MD5: 589C442FC7A0C70DCA927115A700D41E   | SHA256: 2E5CB72E9EB43BAAFB6C6BFCC573AAC92F49A8064C483F9D378A9E8  | compressed<br>BE781A526A |  |
| 179328 | AppLaunch.exe | C:\Users\admin\AppData\Local\Temp\start.exe MD5: 47B29465BB5FCBBD899F1D98AF193F06   | SHA256: A54AC89930406913A3B0B3B8E3EF738135A9B7FA54B01578F870E26E | executable<br>E9F99EFB   |  |
| 179328 | AppLaunch.exe | C:\Users\admin\AppData\Local\Temp\Tar3EDD.tmp MD5: 7EE994C83F2744D702CBA18693ED1758   | SHA256: 5DB917AB6DC8A42A43617850DFBE2C7F26A7F810B229B349E9DD2A2  | cat<br>D615671D2         |  |

## **Network activity**

HTTP(S) requests TCP/UDP connections DNS requests Threats
1 3 2 5

#### **HTTP requests**

| PID    | Process       | Method | HTTP Code | IP             | URL   | CN | Туре       | Size    | Reputation  |
|--------|---------------|--------|-----------|----------------|---|----|------------|---------|-------------|
| 179328 | AppLaunch.exe | GET    | 200       | 209.197.3.8:80 | http://ctldl.windowsupdate.com/msdownload/update/v3/static/trustedr/en/authrootstl.cab?a0465310332df734 | US | compressed | 60.2 Kb | whitelisted |

## Connections

| PID    | Process       | IP                  | Domain                  | ASN                             | CN | Reputation |
|--------|---------------|---------------------|-------------------------|---------------------------------|----|------------|
| 179328 | AppLaunch.exe | 62.204.41.141:24758 | -                       | Datagate Network Solutions Ltd. | GB | malicious  |
| 179328 | AppLaunch.exe | 176.9.247.226:443   | dl.uploadgram.me        | Hetzner Online GmbH             | DE | unknown    |
| 179328 | AppLaunch.exe | 209.197.3.8:80      | ctldl.windowsupdate.com | Highwinds Network Group, Inc.   | US | suspicious |

### **DNS** requests

| Domain                  | IP .          | Reputation  |
|-------------------------|---------------|-------------|
| dl.uploadgram.me        | 176.9.247.226 | unknown     |
| ctldl.windowsupdate.com | 209.197,3.8   | whitelisted |

#### **Threats**

Found threats are available for the paid subscriptions

## **Debug output strings**

10/7/22, 6:01 PM



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