ANY RUN
INTERACTIVE MALWARE ANALYSIS

# General Info

| | |
|---|---|
| File name: | e2682b8166bf641d20439a3dbbdb63b0.exe |
| Full analysis: | https://app.any.run/tasks/f1cabe95-3c58-485e-9e82-28a4b1b9588c |
| Verdict: | Malicious activity |
| Threats: | Remcos |
| | Remcos is a RAT type malware that attackers use to perform actions on infected machines remotely. This malware is extremely actively caped up to date with updates coming out almost every single month. |
| Analysis date: | August 17, 2022 at 12:21:49 |
| OS: | Windows 7 Professional Service Pack 1 (build: 7601, 32 bit) |
| Tags: | keylogger remcos |
| Indicators: | |
| MIME: | application/x-dosexec |
| File info: | PE32 executable (GUI) Intel 80386, for MS Windows |
| MD5: | E2682B8166BF641D20439A3DBBDB63B0 |
| SHA1: | F8B3E907C5E944032116O5C9EFC40CCDA7C77419 |
| SHA256: | 48314117E5493BCCB28E725127C549CFD413C643641BCA8C3CF14CCF686638F8 |
| SSDEEP: | 12288:efCa8/Vs8aGksOT3hysn1FrdhsfZyOUN:A7GVs8aGpO1FrdAZ7E |

Software environment set and analysis options

# Launch configuration

| | | | | | |
|---|---|---|---|---|---|
| Task duration: | 120 seconds | Heavy Evasion option: | off | Network geolocation: | off |
| Additional time used: | none | MITM proxy: | off | Privacy: | Public submission |
| Fakenet option: | off | Route via Tor: | off | Autoconfirmation of UAC: | off |
| Network: | on | | | | |

## Software preset

- Internet Explorer 11.0.9600.19596 KB4534251
- Adobe Acrobat Reader DC (20.013.20064)
- Adobe Flash Player 32 ActiveX (32.0.0.453)
- Adobe Flash Player 32 NPAPI (32.0.0.453)
- Adobe Flash Player 32 PPAPI (32.0.0.453)
- Adobe Refresh Manager (1.8.0)
- CCleaner (5.74)
- FileZilla Client 3.51.0 (3.51.0)
- Google Chrome (86.0.4240.198)
- Google Update Helper (1.3.36.31)
- Java 8 Update 271 (8.0.2710.9)
- Java Auto Updater (2.8.271.9)
- Microsoft .NET Framework 4.5.2 (4.5.51209)
- Microsoft Office Access MUI (English) 2010 (14.0.6029.1000)
- 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)
- Microsoft Office Access MUI (Japanese) 2010 (14.0.4763.1000)
- Microsoft Office Access MUI (Korean) 2010 (14.0.4763.1000)
- Microsoft Office Access MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000)
- Microsoft Office Access MUI (Russian) 2010 (14.0.4763.1000)
- Microsoft Office Access MUI (Spanish) 2010 (14.0.4763.1000)
- Microsoft Office Access MUI (Turkish) 2010 (14.0.4763.1013)
- Microsoft Office Access Setup Metadata MUI (English) 2010 (14.0.6029.1000)
- Microsoft Office Excel MUI (English) 2010 (14.0.6029.1000)
- Microsoft Office Excel MUI (French) 2010 (14.0.4763.1000)
- Microsoft Office Excel MUI (German) 2010 (14.0.4763.1000)
- Microsoft Office Excel MUI (Italian) 2010 (14.0.4763.1000)
- Microsoft Office Excel MUI (Japanese) 2010 (14.0.4763.1000)
- Microsoft Office Excel MUI (Korean) 2010 (14.0.4763.1000)
- Microsoft Office Excel MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000)
- Microsoft Office Excel MUI (Russian) 2010 (14.0.4763.1000)
- Microsoft Office Excel MUI (Spanish) 2010 (14.0.4763.1000)
- Microsoft Office Excel MUI (Turkish) 2010 (14.0.4763.1013)
- Microsoft Office Groove MUI (French) 2010 (14.0.4763.1000)
- Microsoft Office Groove MUI (German) 2010 (14.0.4763.1000)
- Microsoft Office Groove MUI (Italian) 2010 (14.0.4763.1000)
- Microsoft Office Groove MUI (Japanese) 2010 (14.0.4763.1000)

## Hotfixes

- Client LanguagePack Package
- Client Refresh LanguagePack Package
- CodecPack Basic Package
- Foundation Package
- IE Hyphenation Parent Package English
- IE Spelling Parent Package English
- IE Troubleshooters Package
- InternetExplorer Optional Package
- InternetExplorer Package TopLevel
- KB2479943
- KB2491683
- KB2506212
- KB2506928
- KB2532531
- KB2533552
- KB2533623
- KB2534111
- KB2545698
- KB2547666
- KB2552343
- KB2560656
- KB2564958
- KB2574819
- KB2579686
- KB2585542
- KB2604115
- KB2620704
- KB2621440
- KB2631813
- KB2639308
- KB2640148
- KB2653956
- KB2654428
- KB2656356
- KB2660075
- KB2667402
- KB2676562
- KB2685811

| | |
|---|---|
| Microsoft Office Groove MUI (Korean) 2010 (14.0.4763.1000) | KB2685813 |
| Microsoft Office Groove MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB2685939 |
| Microsoft Office Groove MUI (Russian) 2010 (14.0.4763.1000) | KB2690533 |
| Microsoft Office Groove MUI (Spanish) 2010 (14.0.4763.1000) | KB2698365 |
| Microsoft Office Groove MUI (Turkish) 2010 (14.0.4763.1013) | KB2705219 |
| Microsoft Office IME (Japanese) 2010 (14.0.4763.1000) | KB2719857 |
| Microsoft Office IME (Korean) 2010 (14.0.4763.1000) | KB2726535 |
| Microsoft Office InfoPath MUI (French) 2010 (14.0.4763.1000) | KB2727528 |
| Microsoft Office InfoPath MUI (German) 2010 (14.0.4763.1000) | KB2729094 |
| Microsoft Office InfoPath MUI (Italian) 2010 (14.0.4763.1000) | KB2729452 |
| Microsoft Office InfoPath MUI (Japanese) 2010 (14.0.4763.1000) | KB2731771 |
| Microsoft Office InfoPath MUI (Korean) 2010 (14.0.4763.1000) | KB2732059 |
| Microsoft Office InfoPath MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB2736422 |
| Microsoft Office InfoPath MUI (Russian) 2010 (14.0.4763.1000) | KB2742599 |
| Microsoft Office InfoPath MUI (Spanish) 2010 (14.0.4763.1000) | KB2750841 |
| Microsoft Office InfoPath MUI (Turkish) 2010 (14.0.4763.1013) | KB2758857 |
| Microsoft Office Language Pack 2010 - French/Français (14.0.4763.1000) | KB2761217 |
| Microsoft Office Language Pack 2010 - German/Deutsch (14.0.4763.1000) | KB2770660 |
| Microsoft Office Language Pack 2010 - Italian/Italiano (14.0.4763.1000) | KB2773072 |
| Microsoft Office Language Pack 2010 - Japanese/日本語 (14.0.4763.1000) | KB2786081 |
| Microsoft Office Language Pack 2010 - Korean/한국어 (14.0.4763.1000) | KB2789645 |
| Microsoft Office Language Pack 2010 - Portuguese/Português (Brasil) (14.0.4763.1000) | KB2799926 |
| Microsoft Office Language Pack 2010 - Russian/русский (14.0.4763.1000) | KB2800095 |
| Microsoft Office Language Pack 2010 - Spanish/Español (14.0.4763.1000) | KB2807986 |
| Microsoft Office Language Pack 2010 - Turkish/Türkçe (14.0.4763.1013) | KB2808679 |
| Microsoft Office O MUI (French) 2010 (14.0.4763.1000) | KB2813347 |
| Microsoft Office O MUI (German) 2010 (14.0.4763.1000) | KB2813430 |
| Microsoft Office O MUI (Italian) 2010 (14.0.4763.1000) | KB2820331 |
| Microsoft Office O MUI (Japanese) 2010 (14.0.4763.1000) | KB2834140 |
| Microsoft Office O MUI (Korean) 2010 (14.0.4763.1000) | KB2836942 |
| Microsoft Office O MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB2836943 |
| Microsoft Office O MUI (Russian) 2010 (14.0.4763.1000) | KB2840631 |
| Microsoft Office O MUI (Spanish) 2010 (14.0.4763.1000) | KB2843630 |
| Microsoft Office O MUI (Turkish) 2010 (14.0.4763.1013) | KB2847927 |
| Microsoft Office OneNote MUI (English) 2010 (14.0.6029.1000) | KB2852386 |
| Microsoft Office OneNote MUI (French) 2010 (14.0.4763.1000) | KB2853952 |
| Microsoft Office OneNote MUI (German) 2010 (14.0.4763.1000) | KB2857650 |
| Microsoft Office OneNote MUI (Italian) 2010 (14.0.4763.1000) | KB2861698 |
| Microsoft Office OneNote MUI (Japanese) 2010 (14.0.4763.1000) | KB2862152 |
| Microsoft Office OneNote MUI (Korean) 2010 (14.0.4763.1000) | KB2862330 |
| Microsoft Office OneNote MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB2862335 |
| Microsoft Office OneNote MUI (Russian) 2010 (14.0.4763.1000) | KB2864202 |
| Microsoft Office OneNote MUI (Spanish) 2010 (14.0.4763.1000) | KB2868038 |
| Microsoft Office OneNote MUI (Turkish) 2010 (14.0.4763.1013) | KB2871997 |
| Microsoft Office Outlook MUI (English) 2010 (14.0.6029.1000) | KB2872035 |
| Microsoft Office Outlook MUI (French) 2010 (14.0.4763.1000) | KB2884256 |
| Microsoft Office Outlook MUI (German) 2010 (14.0.4763.1000) | KB2891804 |
| Microsoft Office Outlook MUI (Italian) 2010 (14.0.4763.1000) | KB2893294 |
| Microsoft Office Outlook MUI (Japanese) 2010 (14.0.4763.1000) | KB2893519 |
| Microsoft Office Outlook MUI (Korean) 2010 (14.0.4763.1000) | KB2894844 |
| Microsoft Office Outlook MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB2900986 |
| Microsoft Office Outlook MUI (Russian) 2010 (14.0.4763.1000) | KB2908783 |
| Microsoft Office Outlook MUI (Spanish) 2010 (14.0.4763.1000) | KB2911501 |
| Microsoft Office Outlook MUI (Turkish) 2010 (14.0.4763.1013) | KB2912390 |
| Microsoft Office PowerPoint MUI (English) 2010 (14.0.6029.1000) | KB2918077 |
| Microsoft Office PowerPoint MUI (French) 2010 (14.0.4763.1000) | KB2919469 |
| Microsoft Office PowerPoint MUI (German) 2010 (14.0.4763.1000) | KB2923545 |
| Microsoft Office PowerPoint MUI (Italian) 2010 (14.0.4763.1000) | KB2931356 |
| Microsoft Office PowerPoint MUI (Japanese) 2010 (14.0.4763.1000) | KB2937610 |
| Microsoft Office PowerPoint MUI (Korean) 2010 (14.0.4763.1000) | KB2943357 |
| Microsoft Office PowerPoint MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB2952664 |
| Microsoft Office PowerPoint MUI (Russian) 2010 (14.0.4763.1000) | KB2968294 |
| Microsoft Office PowerPoint MUI (Spanish) 2010 (14.0.4763.1000) | KB2970228 |
| Microsoft Office PowerPoint MUI (Turkish) 2010 (14.0.4763.1013) | KB2972100 |
| Microsoft Office Professional 2010 (14.0.6029.1000) | KB2972211 |
| Microsoft Office Proof (Arabic) 2010 (14.0.4763.1000) | KB2973112 |
| Microsoft Office Proof (Basque) 2010 (14.0.4763.1000) | KB2973201 |
| Microsoft Office Proof (Catalan) 2010 (14.0.4763.1000) | KB2977292 |
| Microsoft Office Proof (Dutch) 2010 (14.0.4763.1000) | KB2978120 |
| Microsoft Office Proof (English) 2010 (14.0.6029.1000) | KB2978742 |
| Microsoft Office Proof (French) 2010 (14.0.6029.1000) | KB2984972 |

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|---|---|
| Microsoft Office Proof (Galician) 2010 (14.0.4763.1000) | KB2984976 |
| Microsoft Office Proof (German) 2010 (14.0.4763.1000) | KB2984976 SP1 |
| Microsoft Office Proof (Italian) 2010 (14.0.4763.1000) | KB2985461 |
| Microsoft Office Proof (Japanese) 2010 (14.0.4763.1000) | KB2991963 |
| Microsoft Office Proof (Korean) 2010 (14.0.4763.1000) | KB2992611 |
| Microsoft Office Proof (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB2999226 |
| Microsoft Office Proof (Russian) 2010 (14.0.4763.1000) | KB3004375 |
| Microsoft Office Proof (Spanish) 2010 (14.0.6029.1000) | KB3006121 |
| Microsoft Office Proof (Turkish) 2010 (14.0.4763.1013) | KB3006137 |
| Microsoft Office Proof (Ukrainian) 2010 (14.0.4763.1000) | KB3010788 |
| Microsoft Office Proofing (English) 2010 (14.0.6029.1000) | KB3011780 |
| Microsoft Office Proofing (French) 2010 (14.0.4763.1000) | KB3013531 |
| Microsoft Office Proofing (German) 2010 (14.0.4763.1000) | KB3019978 |
| Microsoft Office Proofing (Italian) 2010 (14.0.4763.1000) | KB3020370 |
| Microsoft Office Proofing (Japanese) 2010 (14.0.4763.1000) | KB3020388 |
| Microsoft Office Proofing (Korean) 2010 (14.0.4763.1000) | KB3021674 |
| Microsoft Office Proofing (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB3021917 |
| Microsoft Office Proofing (Russian) 2010 (14.0.4763.1000) | KB3022777 |
| Microsoft Office Proofing (Spanish) 2010 (14.0.4763.1000) | KB3023215 |
| Microsoft Office Proofing (Turkish) 2010 (14.0.4763.1013) | KB3030377 |
| Microsoft Office Publisher MUI (English) 2010 (14.0.6029.1000) | KB3031432 |
| Microsoft Office Publisher MUI (French) 2010 (14.0.4763.1000) | KB3035126 |
| Microsoft Office Publisher MUI (German) 2010 (14.0.4763.1000) | KB3037574 |
| Microsoft Office Publisher MUI (Italian) 2010 (14.0.4763.1000) | KB3042058 |
| Microsoft Office Publisher MUI (Japanese) 2010 (14.0.4763.1000) | KB3045685 |
| Microsoft Office Publisher MUI (Korean) 2010 (14.0.4763.1000) | KB3046017 |
| Microsoft Office Publisher MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB3046269 |
| Microsoft Office Publisher MUI (Russian) 2010 (14.0.4763.1000) | KB3054476 |
| Microsoft Office Publisher MUI (Spanish) 2010 (14.0.4763.1000) | KB3055642 |
| Microsoft Office Publisher MUI (Turkish) 2010 (14.0.4763.1013) | KB3059317 |
| Microsoft Office SharePoint Designer MUI (French) 2010 (14.0.4763.1000) | KB3060716 |
| Microsoft Office SharePoint Designer MUI (German) 2010 (14.0.4763.1000) | KB3061518 |
| Microsoft Office SharePoint Designer MUI (Italian) 2010 (14.0.4763.1000) | KB3067903 |
| Microsoft Office SharePoint Designer MUI (Japanese) 2010 (14.0.4763.1000) | KB3068708 |
| Microsoft Office SharePoint Designer MUI (Korean) 2010 (14.0.4763.1000) | KB3071756 |
| Microsoft Office SharePoint Designer MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB3072305 |
| Microsoft Office SharePoint Designer MUI (Russian) 2010 (14.0.4763.1000) | KB3074543 |
| Microsoft Office SharePoint Designer MUI (Spanish) 2010 (14.0.4763.1000) | KB3075226 |
| Microsoft Office SharePoint Designer MUI (Turkish) 2010 (14.0.4763.1013) | KB3078667 |
| Microsoft Office Shared MUI (English) 2010 (14.0.6029.1000) | KB3080149 |
| Microsoft Office Shared MUI (French) 2010 (14.0.4763.1000) | KB3086255 |
| Microsoft Office Shared MUI (German) 2010 (14.0.4763.1000) | KB3092601 |
| Microsoft Office Shared MUI (Italian) 2010 (14.0.4763.1000) | KB3093513 |
| Microsoft Office Shared MUI (Japanese) 2010 (14.0.4763.1000) | KB3097989 |
| Microsoft Office Shared MUI (Korean) 2010 (14.0.4763.1000) | KB3101722 |
| Microsoft Office Shared MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB3102429 |
| Microsoft Office Shared MUI (Russian) 2010 (14.0.4763.1000) | KB3102810 |
| Microsoft Office Shared MUI (Spanish) 2010 (14.0.4763.1000) | KB3107998 |
| Microsoft Office Shared MUI (Turkish) 2010 (14.0.4763.1013) | KB3108371 |
| Microsoft Office Shared Setup Metadata MUI (English) 2010 (14.0.6029.1000) | KB3108664 |
| Microsoft Office Single Image 2010 (14.0.6029.1000) | KB3109103 |
| Microsoft Office Word MUI (English) 2010 (14.0.6029.1000) | KB3109560 |
| Microsoft Office Word MUI (French) 2010 (14.0.4763.1000) | KB3110329 |
| Microsoft Office Word MUI (German) 2010 (14.0.4763.1000) | KB3115858 |
| Microsoft Office Word MUI (Italian) 2010 (14.0.4763.1000) | KB3118401 |
| Microsoft Office Word MUI (Japanese) 2010 (14.0.4763.1000) | KB3122648 |
| Microsoft Office Word MUI (Korean) 2010 (14.0.4763.1000) | KB3123479 |
| Microsoft Office Word MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB3126587 |
| Microsoft Office Word MUI (Russian) 2010 (14.0.4763.1000) | KB3127220 |
| Microsoft Office Word MUI (Spanish) 2010 (14.0.4763.1000) | KB3133977 |
| Microsoft Office Word MUI (Turkish) 2010 (14.0.4763.1013) | KB3137061 |
| Microsoft Office X MUI (French) 2010 (14.0.4763.1000) | KB3138378 |
| Microsoft Office X MUI (German) 2010 (14.0.4763.1000) | KB3138612 |
| Microsoft Office X MUI (Italian) 2010 (14.0.4763.1000) | KB3138910 |
| Microsoft Office X MUI (Japanese) 2010 (14.0.4763.1000) | KB3139398 |
| Microsoft Office X MUI (Korean) 2010 (14.0.4763.1000) | KB3139914 |
| Microsoft Office X MUI (Portuguese (Brazil)) 2010 (14.0.4763.1000) | KB3140245 |
| Microsoft Office X MUI (Russian) 2010 (14.0.4763.1000) | KB3147071 |
| Microsoft Office X MUI (Spanish) 2010 (14.0.4763.1000) | KB3150220 |
| Microsoft Office X MUI (Turkish) 2010 (14.0.4763.1013) | KB3150513 |
| Microsoft Visual 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)
Microsoft Visual C++ 2013 Redistributable (x86) - 12.0.30501 (12.0.30501.0)
Microsoft Visual C++ 2013 x86 Additional Runtime - 12.0.21005 (12.0.21005)
Microsoft Visual C++ 2013 x86 Minimum Runtime - 12.0.21005 (12.0.21005)
Microsoft Visual C++ 2015-2019 Redistributable (x86) - 14.21.27702 (14.21.27702.2)
Microsoft Visual C++ 2019 X86 Additional Runtime - 14.21.27702 (14.21.27702)
Microsoft Visual C++ 2019 X86 Minimum Runtime - 14.21.27702 (14.21.27702)
Mozilla Firefox 83.0 (x86 en-US) (83.0)
Mozilla Maintenance Service (83.0.0.7621)
Notepad++ (32-bit x86) (7.9.1)
Opera 12.15 (12.15.1748)
QGA (2.14.33)
Skype version 8.29 (8.29)
VLC media player (3.0.11)
WinRAR 5.91 (32-bit) (5.91.0)

KB3156016
KB3159398
KB3161102
KB3161949
KB3170735
KB3172605
KB3179573
KB3184143
KB3185319
KB4019990
KB4040980
KB4474419
KB4490628
KB4524752
KB4532945
KB4536952
KB4567409
KB958488
KB976902
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
UltimateEdition
WUClient SelfUpdate ActiveX
WUClient SelfUpdate Aux TopLevel
WUClient SelfUpdate Core TopLevel
WinMan WinIP Package TopLevel

## Behavior activities

### MALICIOUS

**Known privilege escalation attack**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 1968)
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)

**Drops executable file immediately after starts**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)

**Changes the autorun value in the registry**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)
PerfLog.exe (PID: 3192)
iexplore.exe (PID: 3272)

**REMCOS detected by memory dumps**
svchost.exe (PID: 856)
iexplore.exe (PID: 3272)

### SUSPICIOUS

**Checks supported languages**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 1968)
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)
WScript.exe (PID: 2604)
PerfLog.exe (PID: 3192)
cmd.exe (PID: 3084)

**Changes default file association**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 1968)
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)

**Reads Environment values**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 1968)
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)
iexplore.exe (PID: 3272)
PerfLog.exe (PID: 3192)

**Reads the computer name**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 1968)
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)
WScript.exe (PID: 2604)

**Creates files in the program directory**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)

**Drops a file with a compile date too recent**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)

**Writes files like Keylogger logs**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)

**Executable content was dropped or overwritten**
e2682b8166bf641d20439a3dbbdb63b0.exe (PID: 2436)

### INFO

**Reads the computer name**
eventvwr.exe (PID: 2284)
iexplore.exe (PID: 3272)

**Checks supported languages**
eventvwr.exe (PID: 2284)
iexplore.exe (PID: 3272)
svchost.exe (PID: 856)

**Checks Windows Trust Settings**
WScript.exe (PID: 2604)

# Static information

## TRiD

.exe | Win64 Executable (generic) (76.4)
.exe | Win32 Executable (generic) (12.4)
.exe | Generic Win/DOS Executable (5.5)
.exe | DOS Executable Generic (5.5)

## EXIF

### EXE

| | |
|---|---|
| **Subsystem:** | Windows GUI |
| **SubsystemVersion:** | 5.1 |
| **ImageVersion:** | 0 |
| **OSVersion:** | 5.1 |
| **EntryPoint:** | 0x31be8 |
| **UninitializedDataSize:** | 0 |
| **InitializedDataSize:** | 134144 |
| **CodeSize:** | 342016 |
| **LinkerVersion:** | 14 |
| **PEType:** | PE32 |
| **TimeStamp:** | 2022:07:31 17:41:58+02:00 |
| **MachineType:** | Intel 386 or later, and compatibles |

## Summary

| | |
|---|---|
| **Architecture:** | IMAGE_FILE_MACHINE_I386 |
| **Subsystem:** | IMAGE_SUBSYSTEM_WINDOWS_GUI |
| **Compilation Date:** | 31-Jul-2022 15:41:58 |
| **Detected languages:** | English - United States |

## 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 |
| **Max extra paragraphs:** | 0xFFFF |
| **Initial SS value:** | 0x0000 |
| **Initial SP value:** | 0x00B8 |
| **Checksum:** | 0x0000 |
| **Initial IP value:** | 0x0000 |
| **Initial CS value:** | 0x0000 |
| **Overlay number:** | 0x0000 |
| **OEM identifier:** | 0x0000 |
| **OEM information:** | 0x0000 |
| **Address of NE header:** | 0x00000118 |

## PE Headers

| | |
|---|---|
| **Signature:** | PE |
| **Machine:** | IMAGE_FILE_MACHINE_I386 |
| **Number of sections:** | 7 |
| **Time date stamp:** | 31-Jul-2022 15:41:58 |
| **Pointer to Symbol Table:** | 0x00000000 |
| **Number of symbols:** | 0 |
| **Size of Optional Header:** | 0x00E0 |
| **Characteristics:** | IMAGE_FILE_32BIT_MACHINE<br>IMAGE_FILE_EXECUTABLE_IMAGE |

## Sections

| Name | Virtual Address | Virtual Size | Raw Size | Charateristics | Entropy |
|---|---|---|---|---|---|
| .text | 0x00001000 | 0x0005378B | 0x00053800 | IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_MEM_READ | 6.62023 |
| .rdata | 0x00055000 | 0x000171E2 | 0x00017200 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ | 5.86238 |
| .data | 0x0006D000 | 0x00005C24 | 0x00000E00 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ, IMAGE_SCN_MEM_WRITE | 2.96057 |
| .tls | 0x00073000 | 0x00000009 | 0x00000200 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ, IMAGE_SCN_MEM_WRITE | 0.0203931 |
| .gfids | 0x00074000 | 0x00000230 | 0x00000400 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ | 2.40122 |
| .rsrc | 0x00075000 | 0x00004B50 | 0x00004C00 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ | 3.98864 |
| .reloc | 0x0007A000 | 0x00003938 | 0x00003A00 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ | 6.69254 |

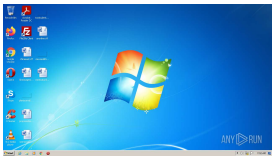
## Resources

| Title | Entropy | Size | Codepage | Language | Type |
|---|---|---|---|---|---|
| 1 | 3.38988 | 1128 | Latin 1 / Western European | English - United States | RT_ICON |
| 2 | 3.25192 | 2440 | Latin 1 / Western European | English - United States | RT_ICON |
| 3 | 3.13574 | 4264 | Latin 1 / Western European | English - United States | RT_ICON |
| 4 | 3.3891 | 9640 | Latin 1 / Western European | English - United States | RT_ICON |
| 123 | 2.62308 | 62 | Latin 1 / Western European | English - United States | RT_GROUP_ICON |
| SETTINGS | 7.88138 | 1348 | Latin 1 / Western European | UNKNOWN | RT_RCDATA |

### Imports

| |
|---|
| ADVAPI32.dll |
| GDI32.dll |
| KERNEL32.dll |
| SHELL32.dll |
| SHLWAPI.dll |
| USER32.dll |
| WININET.dll |
| WINMM.dll |
| WS2_32.dll |
| gdiplus.dll |
| urlmon.dll |

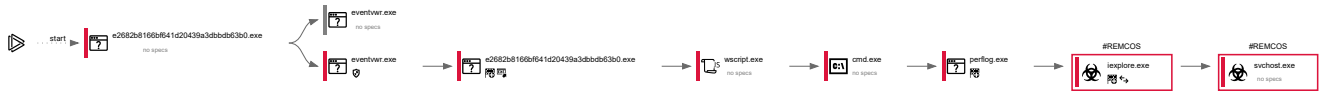
## Video and screenshots



# Processes

| Total processes | Monitored processes | Malicious processes | Suspicious processes |
|---|---|---|---|
| 45 | 9 | 8 | 0 |

## Behavior graph




## Specs description

- Program did not start
- Probably Tor was used
- Known threat
- Connects to the network
- Task contains several apps running
- File is detected by antivirus software
- The process has the malware config
- Low-level access to the HDD
- Behavior similar to spam
- RAM overrun
- CPU overrun
- Application downloaded the executable file
- Inspected object has suspicious PE structure
- Process was added to the startup
- Task has injected processes
- Network attacks were detected
- Process starts the services
- Actions similar to stealing personal data
- Behavior similar to exploiting the vulnerability
- Debug information is available
- Executable file was dropped
- Integrity level elevation
- System was rebooted
- Task has apps ended with an error
- Task contains an error or was rebooted

## Process information

| PID | CMD | Path | Indicators | Parent process |
|---|---|---|---|---|
| 1968 | "C:\Users\admin\AppData\Local\Temp\e2682b8166bf641d20439a3dbbdb63b0.exe" | C:\Users\admin\AppData\Local\Temp\e2682b8166bf641d20439a3dbbdb63b0.exe | — | Explorer.EXE |

Information

User: admin Integrity Level: MEDIUM

Exit code: 0

| | | | | |
|---|---|---|---|---|
| 3184 | "C:\Windows\System32\eventvwr.exe" | C:\Windows\System32\eventvwr.exe | – | e2682b8166bf641d20439a3dbbdb63b0.exe |

Information

| | | | |
|---|---|---|---|
| **User:** | admin | **Company:** | Microsoft Corporation |
| **Integrity Level:** | MEDIUM | **Description:** | Event Viewer Snapin Launcher |
| **Exit code:** | 3221226540 | **Version:** | 6.1.7600.16385 (win7_rtm.090713-1255) |

| | | | | |
|---|---|---|---|---|
| 2284 | "C:\Windows\System32\eventvwr.exe" | C:\Windows\System32\eventvwr.exe | | e2682b8166bf641d20439a3dbbdb63b0.exe |

Information

| | | | |
|---|---|---|---|
| **User:** | admin | **Company:** | Microsoft Corporation |
| **Integrity Level:** | HIGH | **Description:** | Event Viewer Snapin Launcher |
| **Exit code:** | 0 | **Version:** | 6.1.7600.16385 (win7_rtm.090713-1255) |

| | | | | |
|---|---|---|---|---|
| 2436 | "C:\Users\admin\AppData\Local\Temp\e2682b8166bf641d20439a3dbbdb63b0.exe" | C:\Users\admin\AppData\Local\Temp\e2682b8166bf641d20439a3dbbdb63b0.exe | | eventvwr.exe |

Information

| | | | |
|---|---|---|---|
| **User:** | admin | **Integrity Level:** | HIGH |
| **Exit code:** | 0 | | |

| | | | | |
|---|---|---|---|---|
| 2604 | "C:\Windows\System32\WScript.exe" "C:\Users\admin\AppData\Local\Temp\install.vbs" | C:\Windows\System32\WScript.exe | – | e2682b8166bf641d20439a3dbbdb63b0.exe |

Information

| | | | |
|---|---|---|---|
| **User:** | admin | **Company:** | Microsoft Corporation |
| **Integrity Level:** | HIGH | **Description:** | Microsoft ® Windows Based Script Host |
| **Exit code:** | 0 | **Version:** | 5.8.7600.16385 |

| | | | | |
|---|---|---|---|---|
| 3084 | "C:\Windows\System32\cmd.exe" /c "C:\ProgramData\Remcos\PerfLog.exe" | C:\Windows\System32\cmd.exe | – | WScript.exe |

Information

| | | | |
|---|---|---|---|
| **User:** | admin | **Company:** | Microsoft Corporation |
| **Integrity Level:** | HIGH | **Description:** | Windows Command Processor |
| **Exit code:** | 3 | **Version:** | 6.1.7601.17514 (win7sp1_rtm.101119-1850) |

| | | | | |
|---|---|---|---|---|
| 3192 | C:\ProgramData\Remcos\PerfLog.exe | C:\ProgramData\Remcos\PerfLog.exe | | cmd.exe |

Information

| | | | |
|---|---|---|---|
| **User:** | admin | **Integrity Level:** | HIGH |
| **Exit code:** | 3 | | |

| | | | | |
|---|---|---|---|---|
| 3272 | "c:\program files\internet explorer\iexplore.exe" | c:\program files\internet explorer\iexplore.exe | | PerfLog.exe |

Information

| | | | |
|---|---|---|---|
| **User:** | admin | **Company:** | Microsoft Corporation |
| **Integrity Level:** | HIGH | **Description:** | Internet Explorer |
| **Version:** | 11.00.9600.16428 (winblue_gdr.131013-1700) | | |

| | | | | |
|---|---|---|---|---|
| 856 | svchost.exe | C:\Windows\system32\svchost.exe | | iexplore.exe |

Information

| | | | |
|---|---|---|---|
| **User:** | admin | **Company:** | Microsoft Corporation |
| **Integrity Level:** | HIGH | **Description:** | Host Process for Windows Services |
| **Version:** | 6.1.7600.16385 (win7_rtm.090713-1255) | | |

# Registry activity

| Total events | Read events | Write events | Delete events |
|---|---|---|---|
| 1 458 | 1 298 | 157 | 3 |

## Modification events

| | | | |
|---|---|---|---|
| **(PID) Process:** | (1968) e2682b8166bf641d20439a3dbbdb63b0.exe | **Key:** | HKEY_CURRENT_USER\Software\Rmc-R43CBI |
| **Operation:** | write | **Name:** | origmsc |
| **Value:** | F3146C9B3D2E07A00CA201A126AC38C8A00A99A73E57E0787CAFA306CD80276FC8947661102B | | |

| | | | |
|---|---|---|---|
| **(PID) Process:** | (1968) e2682b8166bf641d20439a3dbbdb63b0.exe | **Key:** | HKEY_CLASSES_ROOT\mscfile\shell\open\command |
| **Operation:** | write | **Name:** | (default) |

**Value:** C:\Users\admin\AppData\Local\Temp\e2682b8166bf641d20439a3dbbdb63b0.exe

**(PID) Process:** (1968) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** ProxyBypass
**Value:** 1

**(PID) Process:** (1968) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** IntranetName
**Value:** 1

**(PID) Process:** (1968) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** UNCAsIntranet
**Value:** 1

**(PID) Process:** (1968) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** AutoDetect
**Value:** 0

**(PID) Process:** (2284) eventvwr.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** ProxyBypass
**Value:** 1

**(PID) Process:** (2284) eventvwr.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** IntranetName
**Value:** 1

**(PID) Process:** (2284) eventvwr.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** UNCAsIntranet
**Value:** 1

**(PID) Process:** (2284) eventvwr.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** AutoDetect
**Value:** 0

**(PID) Process:** (2436) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CLASSES_ROOT\mscfile\shell\open\command
**Operation:** write **Name:** (default)
**Value:** %SystemRoot%\system32\mmc.exe "%1" %*

**(PID) Process:** (2436) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Rmc-R43CBI
**Operation:** delete value **Name:** origmsc
**Value:** F3146C9B3D2E07A00CA201A126AC38C8A00A99A73E57E0787CAFA306CD80276FC8947661102B

**(PID) Process:** (2436) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run
**Operation:** write **Name:** PerfLog
**Value:** "C:\ProgramData\Remcos\PerfLog.exe"

**(PID) Process:** (2436) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run
**Operation:** write **Name:** PerfLog
**Value:** "C:\ProgramData\Remcos\PerfLog.exe"

**(PID) Process:** (2436) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** ProxyBypass
**Value:** 1

**(PID) Process:** (2436) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** IntranetName
**Value:** 1

**(PID) Process:** (2436) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** UNCAsIntranet
**Value:** 1

**(PID) Process:** (2436) e2682b8166bf641d20439a3dbbdb63b0.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** AutoDetect
**Value:** 0

**(PID) Process:** (2604) WScript.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
**Operation:** write **Name:** ProxyBypass
**Value:** 1

**(PID) Process:** (2604) WScript.exe **Key:** HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap

| | | | |
|---|---|---|---|
| **Operation:** | write | **Name:** | IntranetName |
| **Value:** | 1 | | |
| **(PID) Process:** | (2604) WScript.exe | **Key:** | HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap |
| **Operation:** | write | **Name:** | UNCAsIntranet |
| **Value:** | 1 | | |
| **(PID) Process:** | (2604) WScript.exe | **Key:** | HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap |
| **Operation:** | write | **Name:** | AutoDetect |
| **Value:** | 0 | | |
| **(PID) Process:** | (3192) PerfLog.exe | **Key:** | HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run |
| **Operation:** | write | **Name:** | PerfLog |
| **Value:** | "C:\ProgramData\Remcos\PerfLog.exe" | | |
| **(PID) Process:** | (3192) PerfLog.exe | **Key:** | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run |
| **Operation:** | write | **Name:** | PerfLog |
| **Value:** | "C:\ProgramData\Remcos\PerfLog.exe" | | |
| **(PID) Process:** | (3192) PerfLog.exe | **Key:** | HKEY_CURRENT_USER\Software\Rmc-R43CBI |
| **Operation:** | write | **Name:** | exepath |
| **Value:** | 95472FE8154B3AF211CD1A841DDF33BBB56F9994480BEC156B81A77EF4A0574A9CB63B44592BB6822195EA7C571CE90A86B63C98483A9907119754DCD65AE3CDC60BF37A | | |
| **(PID) Process:** | (3192) PerfLog.exe | **Key:** | HKEY_CURRENT_USER\Software\Rmc-R43CBI |
| **Operation:** | write | **Name:** | Inj |
| **Value:** | 1 | | |
| **(PID) Process:** | (3272) iexplore.exe | **Key:** | HKEY_CURRENT_USER\Software\Rmc-R43CBI |
| **Operation:** | delete value | **Name:** | Inj |
| **Value:** | 1 | | |
| **(PID) Process:** | (3272) iexplore.exe | **Key:** | HKEY_CURRENT_USER\Software\Rmc-R43CBI |
| **Operation:** | write | **Name:** | licence |
| **Value:** | A216A01490B32C8E1BA56446EFA636D9 | | |
| **(PID) Process:** | (3272) iexplore.exe | **Key:** | HKEY_CURRENT_USER\Software\Rmc-R43CBI |
| **Operation:** | write | **Name:** | WD |
| **Value:** | 3272 | | |
| **(PID) Process:** | (856) svchost.exe | **Key:** | HKEY_CURRENT_USER\Software\Rmc-R43CBI |
| **Operation:** | delete value | **Name:** | WD |
| **Value:** | 3272 | | |
| **(PID) Process:** | (3272) iexplore.exe | **Key:** | HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run |
| **Operation:** | write | **Name:** | PerfLog |
| **Value:** | "C:\ProgramData\Remcos\PerfLog.exe" | | |
| **(PID) Process:** | (3272) iexplore.exe | **Key:** | HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run |
| **Operation:** | write | **Name:** | PerfLog |
| **Value:** | "C:\ProgramData\Remcos\PerfLog.exe" | | |
| **(PID) Process:** | (3272) iexplore.exe | **Key:** | HKEY_CURRENT_USER\Software\Rmc-R43CBI |
| **Operation:** | write | **Name:** | exepath |
| **Value:** | 95472FE8154B3AF211CD1A841DDF33BBB56F9994480BEC156B81A77EF4A0574A9CB63B44592BB6822195EA7C571CE90A86B63C98483A9907119754DCD65AE3CDC60BF37A | | |

## Files activity

| Executable files | Suspicious files | Text files | Unknown types |
|---|---|---|---|
| 1 | 1 | 0 | 0 |

### Dropped files

| PID | Process | Filename | Type |
|---|---|---|---|
| 2436 | e2682b8166bf641d20439a3dbbdb63b0.exe | C:\ProgramData\Remcos\PerfLog.exe | executable |
| | | **MD5:** E2682B8166BF641D20439A3DBBDB63B0 | **SHA256:** 48314117E5493BCCB28E725127C549CFD413C643641BCA8C3CF14CCF686638F8 |
| 2436 | e2682b8166bf641d20439a3dbbdb63b0.exe | C:\Users\admin\AppData\Local\Temp\install.vbs | binary |
| | | **MD5:** 7F892897F0F655EE47EAB3C81B0D27F1 | **SHA256:** DE4A6837F437F74E6FABC65F5ECAB03890508D84FB97D3DA0F487F950D697569 |

## Network activity

| HTTP(S) requests | TCP/UDP connections | DNS requests | Threats |
|---|---|---|---|
| 0 | 6 | 1 | 0 |

### HTTP requests

No HTTP requests

### Connections

| PID | Process | IP | Domain | ASN | CN | Reputation |
|---|---|---|---|---|---|---|
| 3272 | iexplore.exe | 185.222.58.111:5355 | – | – | – | malicious |
| – | – | 185.222.58.111:5355 | – | – | – | malicious |

### DNS requests

| Domain | IP | Reputation |
|---|---|---|
| dns.msftncsi.com | 131.107.255.255 | shared |

### Threats

No threats detected

## Debug output strings

No debug info