ANY ▷ RUN
INTERACTIVE MALWARE ANALYSIS

General Info

File name:	Payment Notification.pdf.exe
Full analysis:	https://app.any.run/tasks/59f846a6-7886-4d60-b6ad-9578317d8df7
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 15:34:02
OS:	Windows 7 Professional Service Pack 1 (build: 7601, 32 bit)
Tags:	remcos
Indicators:	🛡️📁🖥️📁🏁
MIME:	application/x-dosexec
File info:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
MD5:	DC55C31F417EFC2FA4D421A16277E3B1
SHA1:	2700583D7C38E75B1D37AF9B2EB02E5E71DA4E58
SHA256:	38816055042A3693FF846A391E8280F800D06A3C49CA0181AB0F99D99DB48B09
SSDEEP:	1536:aj7Dh19MbCcc6vDCXVswaltHW+mHdUQYGQhuQrw:Hvw2TUYDhtrw

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

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)	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)	KB4019990
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
	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

Drops executable file immediately after starts
Payment Notification.pdf.exe (PID: 1292)

Writes to a start menu file
Payment Notification.pdf.exe (PID: 1292)

REMCOS detected by memory dumps
Payment Notification.pdf.exe (PID: 3664)

SUSPICIOUS

Reads the computer name
Payment Notification.pdf.exe (PID: 1292)
Payment Notification.pdf.exe (PID: 3664)

Checks supported languages
Payment Notification.pdf.exe (PID: 1292)
Payment Notification.pdf.exe (PID: 3664)

Reads Environment values
Payment Notification.pdf.exe (PID: 1292)
Payment Notification.pdf.exe (PID: 3664)

Drops a file with a compile date too recent
Payment Notification.pdf.exe (PID: 1292)

Application launched itself
Payment Notification.pdf.exe (PID: 1292)

Executable content was dropped or overwritten
Payment Notification.pdf.exe (PID: 1292)

INFO

Reads settings of System Certificates
Payment Notification.pdf.exe (PID: 1292)

Static information

TRiD

.exe	|	Generic CIL Executable (.NET, Mono, etc.) (56.7)
.exe	|	Win64 Executable (generic) (21.3)
.scr	|	Windows screen saver (10.1)
.dll	|	Win32 Dynamic Link Library (generic) (5)

EXIF

EXE

AssemblyVersion:	0.0.0.0
ProductVersion:	0.0.0.0

.exe | Win32 Executable (generic) (3.4)

ProductName:	Salo
OriginalFileName:	Salo.exe
LegalTrademarks:	
LegalCopyright:	Copyright © 2020
InternalName:	Salo.exe
FileVersion:	0.0.0.0
FileDescription:	Salo
CompanyName:	
Comments:	
CharacterSet:	Unicode
LanguageCode:	Neutral
FileSubtype:	0
ObjectFileType:	Executable application
FileOS:	Win32
FileFlags:	(none)
FileFlagsMask:	0x003f
ProductVersionNumber:	0.0.0.0
FileVersionNumber:	0.0.0.0
Subsystem:	Windows GUI
SubsystemVersion:	4
ImageVersion:	0
OSVersion:	4
EntryPoint:	0x1056a
UninitializedDataSize:	0
InitializedDataSize:	20480
CodeSize:	58880
LinkerVersion:	48
PEType:	PE32
TimeStamp:	2022:08:17 00:28:21+02:00
MachineType:	Intel 386 or later, and compatibles

Summary

Architecture:	IMAGE_FILE_MACHINE_I386
Subsystem:	IMAGE_SUBSYSTEM_WINDOWS_GUI
Compilation Date:	16-Aug-2022 22:28:21
Debug artifacts:	C:\Users\Administrator\Desktop\ims\obj\Debug\Salo.pdb
Comments:	
CompanyName:	
FileDescription:	Salo
FileVersion:	0.0.0.0
InternalName:	Salo.exe
LegalCopyright:	Copyright © 2020
LegalTrademarks:	
OriginalFilename:	Salo.exe
ProductName:	Salo
ProductVersion:	0.0.0.0
Assembly Version:	0.0.0.0

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:	0x00000080

PE Headers

Signature:	PE
Machine:	IMAGE_FILE_MACHINE_I386
Number of sections:	3
Time date stamp:	16-Aug-2022 22:28:21
Pointer to Symbol Table:	0x00000000
Number of symbols:	0
Size of Optional Header:	0x00E0
Characteristics:	IMAGE_FILE_32BIT_MACHINE
	IMAGE_FILE_EXECUTABLE_IMAGE

Sections

Name	Virtual Address	Virtual Size	Raw Size	Charateristics	Entropy
.text	0x00002000	0x0000E570	0x0000E600	IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_MEM_READ	5.3614
.rsrc	0x00012000	0x00004D00	0x00004E00	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ	2.32832
.reloc	0x00018000	0x0000000C	0x00000200	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ	0.0815394

Resources

Title	Entropy	Size	Codepage	Language	Type
1	5.00112	490	UNKNOWN	UNKNOWN	RT_MANIFEST
2	1.92605	16936	UNKNOWN	UNKNOWN	RT_ICON
32512	2.40927	34	UNKNOWN	UNKNOWN	RT_GROUP_ICON

Imports

mscoree.dll

Video and screenshots
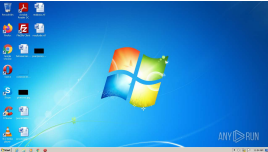
Processes

Total processes	Monitored processes	Malicious processes	Suspicious processes
36	2	2	0

Behavior graph

#REMCOS

start → payment notification.pdf.exe → drop and start → payment notification.pdf.exe
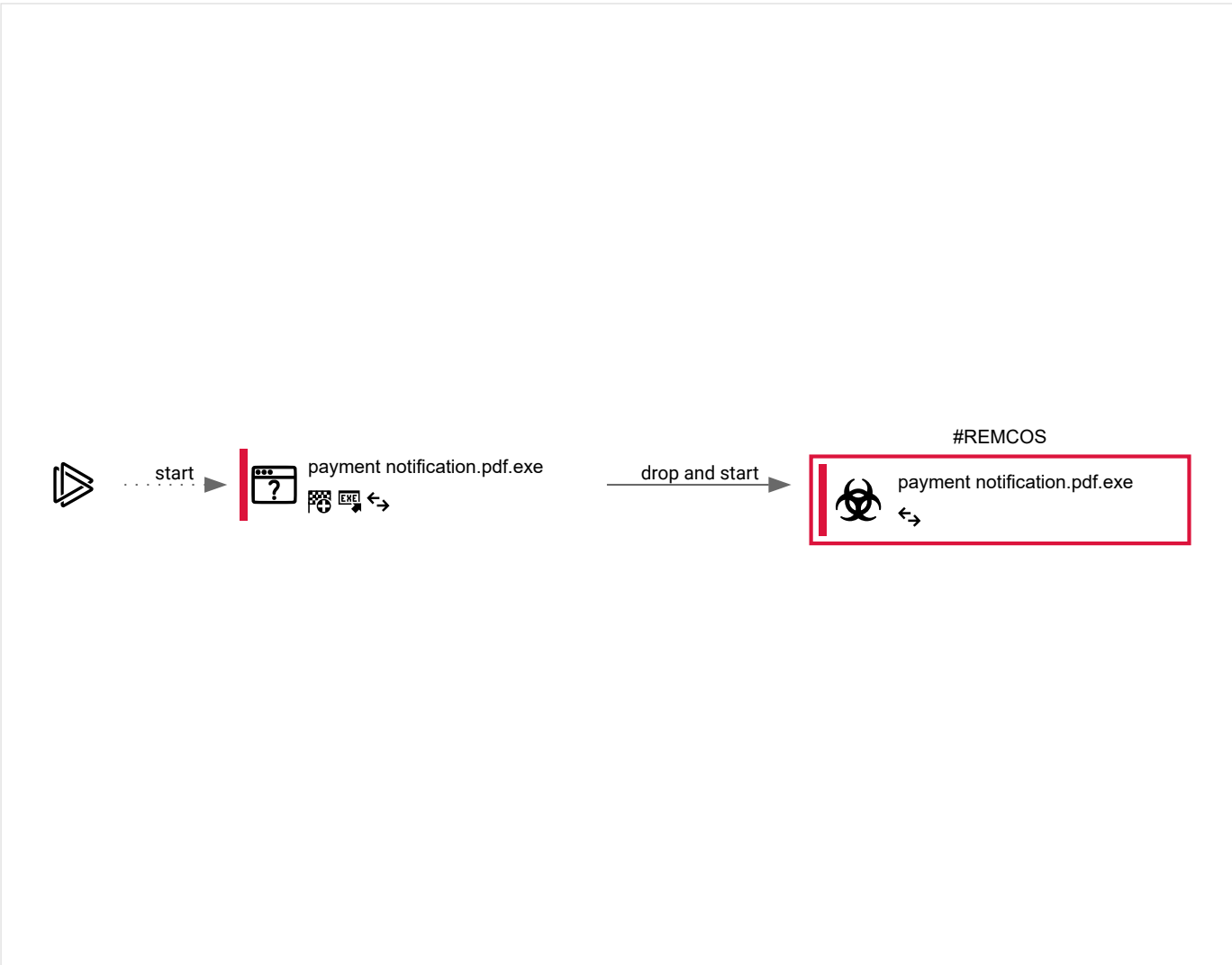
Specs description

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

Process information

PID	CMD	Path	Indicators	Parent process
1292	"C:\Users\admin\AppData\Local\Temp\Payment Notification.pdf.exe"	C:\Users\admin\AppData\Local\Temp\Payment Notification.pdf.exe		Explorer.EXE

Information			
User:	admin	Integrity Level:	MEDIUM
Description:	Salo	Exit code:	0
Version:	0.0.0.0		

3664	"C:\Users\admin\AppData\Local\Temp\Payment Notification.pdf.exe"		C:\Users\admin\AppData\Local\Temp\Payment Notification.pdf.exe		↩ ☣		Payment Notification.pdf.exe

Information				
User:	admin	**Integrity Level:**	MEDIUM	
Description:	Salo	**Version:**	0.0.0.0	

Registry activity

Total events	Read events	Write events	Delete events
3 430	3 382	48	0

Modification events

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASAPI32
Operation:	write	**Name:**	EnableFileTracing
Value:	0		

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASAPI32
Operation:	write	**Name:**	EnableConsoleTracing
Value:	0		

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASAPI32
Operation:	write	**Name:**	FileTracingMask
Value:			

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASAPI32
Operation:	write	**Name:**	ConsoleTracingMask
Value:			

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASAPI32
Operation:	write	**Name:**	MaxFileSize
Value:	1048576		

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASAPI32
Operation:	write	**Name:**	FileDirectory
Value:	%windir%\tracing		

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASMANCS
Operation:	write	**Name:**	EnableFileTracing
Value:	0		

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASMANCS
Operation:	write	**Name:**	EnableConsoleTracing
Value:	0		

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASMANCS
Operation:	write	**Name:**	FileTracingMask
Value:			

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASMANCS
Operation:	write	**Name:**	ConsoleTracingMask
Value:			

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASMANCS
Operation:	write	**Name:**	MaxFileSize
Value:	1048576		

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\Payment Notification_RASMANCS
Operation:	write	**Name:**	FileDirectory
Value:	%windir%\tracing		

(PID) Process:	(1292) Payment Notification.pdf.exe	**Key:**	HKEY_CLASSES_ROOT\Local Settings\MuiCache\16C\52C64B7E
Operation:	write	**Name:**	LanguageList
Value:	en-US		

(PID) Process:	(3664) Payment Notification.pdf.exe	**Key:**	HKEY_CURRENT_USER\Software\Rmc-R6YBVH	↩ ☣
Operation:	write	**Name:**	exepath	
Value:	6B54ED2020BCB17BC92671821BCACBC5166A1257D58E4AF27EC362711F4604C2A5CD0F234B28E4BC5B68FD7C792D5CD22597099B4832F8F0DA82699FECEFBB63E02401685B5AB6377FB 9934F2EBB39A568E97A3F1595E9033C40F14EDA804C25366DFC76E081BF3B41EF0FD71620B3CA31F66F60498A55D26F6F109156C1			

(PID) Process:	(3664) Payment Notification.pdf.exe	**Key:**	HKEY_CURRENT_USER\Software\Rmc-R6YBVH
Operation:	write	**Name:**	licence
Value:	F906A0D6545606CD8DE580E471A06364		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings
Operation:	write	Name:	ProxyEnable
Value:	0		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Connections
Operation:	write	Name:	SavedLegacySettings

Value: 460000003B0100000900000000000000000000000000000000400000000000000C0E333BBEAB1D30100000000000000000000000000010000000020000000C0A80164000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
Operation:	write	Name:	ProxyBypass
Value:	1		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
Operation:	write	Name:	IntranetName
Value:	1		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
Operation:	write	Name:	UNCAsIntranet
Value:	1		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap
Operation:	write	Name:	AutoDetect
Value:	0		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\5.0\Cache\Content
Operation:	write	Name:	CachePrefix
Value:			

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\5.0\Cache\Cookies
Operation:	write	Name:	CachePrefix
Value:	Cookie:		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\5.0\Cache\History
Operation:	write	Name:	CachePrefix
Value:	Visited:		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\{FCC67766-6201-4AD1-A6B8-2F4553C93D47}
Operation:	write	Name:	WpadDecisionReason
Value:	1		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\{FCC67766-6201-4AD1-A6B8-2F4553C93D47}
Operation:	write	Name:	WpadDecisionTime
Value:	A8837DCC20B2D801		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\{FCC67766-6201-4AD1-A6B8-2F4553C93D47}
Operation:	write	Name:	WpadDecision
Value:	0		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\{FCC67766-6201-4AD1-A6B8-2F4553C93D47}
Operation:	write	Name:	WpadNetworkName
Value:	Network 3		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\52-54-00-36-3e-ff
Operation:	write	Name:	WpadDecisionReason
Value:	1		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\52-54-00-36-3e-ff
Operation:	write	Name:	WpadDecisionTime
Value:	A8837DCC20B2D801		

(PID) Process:	(3664) Payment Notification.pdf.exe	Key:	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\52-54-00-36-3e-ff
Operation:	write	Name:	WpadDecision
Value:	0		

Files activity

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

Dropped files

PID	Process	Filename		Type
3664	Payment Notification.pdf.exe	C:\Users\admin\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\78RFYB7Z\json[1].json		binary
		MD5: 0E490F9CCB5F31B8BC718ED195471E48	SHA256: 19E26FA8507DA7E2593973A4B08D45909FA7077966DE174B418FE3B892C3B4C9	
1292	Payment Notification.pdf.exe	C:\Users\admin\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\Payment Notification.pdf.exe		executable
		MD5: DC55C31F417EFC2FA4D421A16277E3B1	SHA256: 38816055042A3693FF846A391E8280F800D06A3C49CA0181AB0F99D99DB48B09	

Network activity

HTTP(S) requests	TCP/UDP connections	DNS requests	Threats
1	5	4	2

HTTP requests

PID	Process	Method	HTTP Code	IP	URL	CN	Type	Size	Reputation
3664	Payment Notification.pdf.exe	GET	200	178.237.33.50:80	http://geoplugin.net/json.gp	NL	binary	921 b	suspicious

Connections

PID	Process	IP	Domain	ASN	CN	Reputation
1292	Payment Notification.pdf.exe	162.159.134.233:443	cdn.discordapp.com	Cloudflare Inc	–	shared
1292	Payment Notification.pdf.exe	162.159.130.233:443	cdn.discordapp.com	Cloudflare Inc	–	shared
3664	Payment Notification.pdf.exe	195.178.120.12:55988	top.thekillforabuse1.xyz	–	–	unknown
3664	Payment Notification.pdf.exe	178.237.33.50:80	geoplugin.net	Schuberg Philis B.V.	NL	suspicious

DNS requests

Domain	IP	Reputation
cdn.discordapp.com	162.159.130.233 162.159.134.233 162.159.133.233 162.159.135.233 162.159.129.233	shared
dns.msftncsi.com	131.107.255.255	shared
top.thekillforabuse1.xyz	195.178.120.12	unknown
geoplugin.net	178.237.33.50	suspicious

Threats

PID	Process	Class	Message
–	–	Misc activity	ET INFO Observed Discord Domain in DNS Lookup (discordapp .com)
1292	Payment Notification.pdf.exe	Misc activity	ET INFO Observed Discord Domain (discordapp .com in TLS SNI)

Debug output strings

No debug info

ANY RUN
INTERACTIVE MALWARE ANALYSIS

Interactive malware hunting service ANY.RUN
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