



**ID:** 339336

Sample Name: Agreement Terms Sample.pdf.exe Cookbook: default.jbs

Time: 21:13:29 Date: 13/01/2021

Version: 31.0.0 Red Diamond

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Analysis Process: Agreement Terms Sample.pdf.exe PID: 6116 Parent PID: 5880	12
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# **Analysis Report Agreement Terms Sample.pdf.exe**

#### **Overview**

#### **General Information**



#### **Detection**



#### **Signatures**



#### Classification



## **Startup**

- System is w10x64
- 🍦 Agreement Terms Sample.pdf.exe (PID: 6116 cmdline: 'C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe' MD5: 76B6C2B227DD2AE92BB3B86A66A8FE52)
- cleanup

# **Malware Configuration**

No configs have been found

#### **Yara Overview**

#### **Memory Dumps**

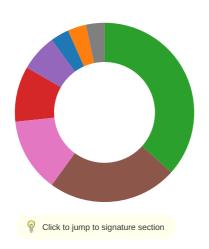
Source	Rule	Description	Author	Strings
Process Memory Space: Agreement Terms Sample.pdf. exe PID: 6116	JoeSecurity_VB6Download erGeneric	Yara detected VB6 Downloader Generic	Joe Security	
Process Memory Space: Agreement Terms Sample.pdf. exe PID: 6116	JoeSecurity_GuLoader	Yara detected GuLoader	Joe Security	

#### Sigma Overview

No Sigma rule has matched

# **Signature Overview**

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Mitre Att&ck Matrix

Execution

Windows

Scheduled

Instrumentation

Accounts Management

Accounts Task/Job

Initial

Valid

Access

Default

Privilege

Injection 1

Boot or

Logon

Scripts

Initialization

Interception

Initialization

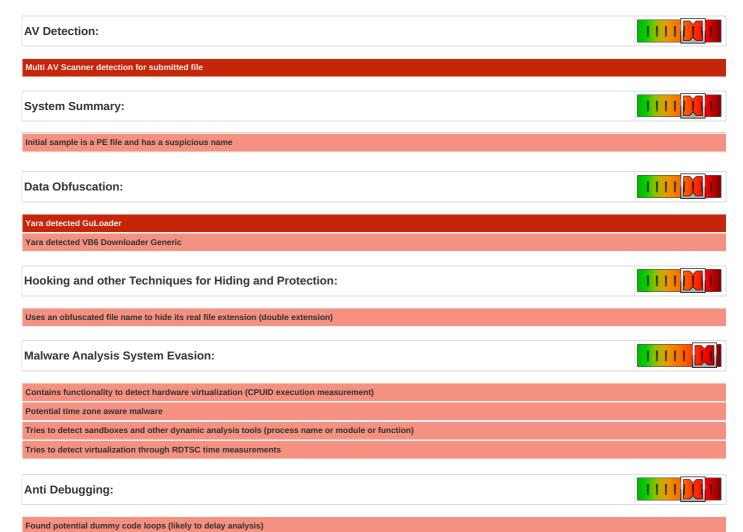
Boot or

Logon

Scripts

Persistence Escalation Defense Evasion

- AV Detection
- Compliance
- System Summary
- Data Obfuscation
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion
- Anti Debugging
- HIPS / PFW / Operating System Protection Evasion



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Discovery

Discovery 1

Security Software

Discovery 4 1 1

Lateral

Remote

Services

Remote

Desktop

Protocol

Movement

Credential

Credential

Dumping

Memory

Access

os

Virtualization/Sandbox LSASS

Evasion 1 1

R

S

Εí

R

R

W

Αı

Network

Eavesdrop on

Communication A

Redirect Phone W

Exploit SS7 to

Calls/SMS

Effects

Insecure

Network

Command

Obfuscation

Junk Data

Collection Exfiltration and Control

Exfiltration

Over Other

Network

Medium

Exfiltration

Bluetooth

Data from

Data from

Removable Over

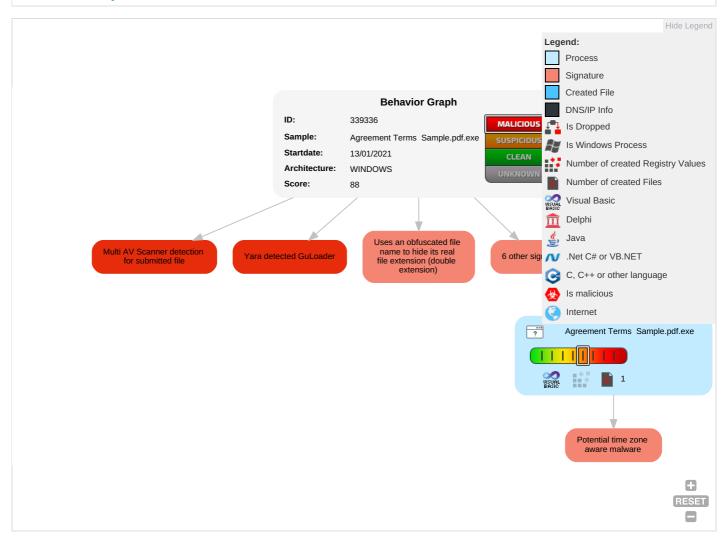
Local

System

Media

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects	Ri Si Ei
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Process Injection 1	Security Account Manager	Virtualization/Sandbox Evasion 1 1	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Steganography	Exploit SS7 to Track Device Location	O Di Cl Bi
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Obfuscated Files or Information 1 1	NTDS	Process Discovery 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM Card Swap	
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Software Packing	LSA Secrets	System Information Discovery 2 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communication	

# **Behavior Graph**



# **Screenshots**

#### **Thumbnails**

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



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# **Antivirus, Machine Learning and Genetic Malware Detection**

# Initial Sample

Source	Detection	Scanner	Label	Link
Agreement Terms Sample.pdf.exe	21%	Virustotal		Browse
Agreement Terms Sample.pdf.exe	4%	ReversingLabs		

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# **Dropped Files**

No Antivirus matches

### **Unpacked PE Files**

No Antivirus matches

#### **Domains**

No Antivirus matches

#### **URLs**

No Antivirus matches

# **Domains and IPs**

#### **Contacted Domains**

No contacted domains info

#### **Contacted IPs**

No contacted IP infos

# **General Information**

Joe Sandbox Version:	31.0.0 Red Diamond
Analysis ID:	339336
Start date:	13.01.2021
Start time:	21:13:29
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 10m 59s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	Agreement Terms Sample.pdf.exe
Cookbook file name:	default.jbs
Analysis system description:	Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211
Number of analysed new started processes analysed:	11
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><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:	mal88.troj.evad.winEXE@1/0@0/0
EGA Information:	Failed
HDC Information:	Successful, ratio: 12.5% (good quality ratio 3.3%)     Quality average: 14.9%     Quality standard deviation: 28.3%
HCA Information:	Failed

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Cookbook Comments:	<ul> <li>Adjust boot time</li> <li>Enable AMSI</li> <li>Found application associated with file extension:         <ul> <li>exe</li> </ul> </li> <li>Override analysis time to 240s for sample files taking high CPU consumption</li> </ul>
Warnings:	Show All  • Exclude process from analysis (whitelisted):  MpCmdRun.exe, audiodg.exe, WMIADAP.exe,  MusNotifylcon.exe, conhost.exe, svchost.exe

# **Simulations**

#### **Behavior and APIs**

No simulations

# Joe Sandbox View / Context

IPs

No context

**Domains** 

No context

ASN

No context

**JA3 Fingerprints** 

No context

**Dropped Files** 

No context

# **Created / dropped Files**

No created / dropped files found

# Static File Info

General	
File type:	PE32 executable (GUI) Intel 80386, for MS Windows
Entropy (8bit):	5.164931273631205
TrID:	Win32 Executable (generic) a (10002005/4) 99.15% Win32 Executable Microsoft Visual Basic 6 (82127/2) 0.81% Generic Win/DOS Executable (2004/3) 0.02% DOS Executable Generic (2002/1) 0.02% Autodesk FLIC Image File (extensions: flc, fli, cel) (7/3) 0.00%

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General	
File name:	Agreement Terms Sample.pdf.exe
File size:	65536
MD5:	76b6c2b227dd2ae92bb3b86a66a8fe52
SHA1:	db06ffb667569ab3b379012567c27919c36d885a
SHA256:	128fa77a11cedbe782819f0d2e2666a04e4f8d2966a72f2 15c77b8933c914a47
SHA512:	74614ba4f06a95c07257896002b99023714b85da540a92 3e2dfa59fbcd3262d2bda715ff4a2a0384b9a7cca0c5dbb 34298bda4ae5ebaba9eef51bfc5f87a176b
SSDEEP:	768:tdhWOzU3SN+0MX6x7Z4LNeLmKETN3rWCC0Kg: /hWSUCN+1Xc7ONeFIJ3Hp
File Content Preview:	MZ@

#### File Icon

<b>+</b>	
Icon Hash:	f030f0c6f030b100

# Static PE Info

General	
Entrypoint:	0x401200
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	LOCAL_SYMS_STRIPPED, 32BIT_MACHINE, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED, RELOCS_STRIPPED
DLL Characteristics:	
Time Stamp:	0x4DF4FD53 [Sun Jun 12 17:54:27 2011 UTC]
TLS Callbacks:	
CLR (.Net) Version:	
OS Version Major:	4
OS Version Minor:	0
File Version Major:	4
File Version Minor:	0
Subsystem Version Major:	4
Subsystem Version Minor:	0
Import Hash:	e4e19abc2b8b3cdf6beb846e51c393a2

#### **Entrypoint Preview**

Instruction
push 00401E60h
call 00007FAB30B1BBF5h
add byte ptr [eax], al
add byte ptr [eax], al
add byte ptr [eax], al
xor byte ptr [eax], al
add byte ptr [eax], al
inc eax
add byte ptr [eax], al
add byte ptr [eax], al
add byte ptr [eax], al
add byte ptr [edi], cl
add bl, byte ptr [esi+09C8E7E3h]
dec edx

#### **Data Directories**

Name	Virtual Address	Virtual Size	Is in Section
IMAGE_DIRECTORY_ENTRY_EXPORT	0x0	0x0	

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Name	Virtual Address	Virtual Size	Is in Section
IMAGE_DIRECTORY_ENTRY_IMPORT	0xd244	0x28	.text
IMAGE_DIRECTORY_ENTRY_RESOURCE	0x10000	0x8b0	.rsrc
IMAGE_DIRECTORY_ENTRY_EXCEPTION	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_SECURITY	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_BASERELOC	0x0	0x0	
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	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT	0x228	0x20	
IMAGE_DIRECTORY_ENTRY_IAT	0x1000	0xc4	.text
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	0xc5e8	0xd000	False	0.519193209135	data	5.8716351227	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.data	0xe000	0x1158	0x1000	False	0.00634765625	data	0.0	IMAGE_SCN_CNT_INITIALIZED_DA TA, IMAGE_SCN_MEM_WRITE, IMAGE_SCN_MEM_READ
.rsrc	0x10000	0x8b0	0x1000	False	0.135986328125	data	1.29485435267	IMAGE_SCN_CNT_INITIALIZED_DA TA, IMAGE_SCN_MEM_READ

#### Resources

Name	RVA	Size	Туре	Language	Country
RT_ICON	0x10348	0x568	GLS_BINARY_LSB_FIRST		
RT_GROUP_ICON	0x10334	0x14	data		
RT_VERSION	0x100f0	0x244	data	English	United States

# Imports

DLL	Import
	vbaCyForInit, _Clcos, _adj_fptan,vbaFreeVar,vbaEnd, _adj_fdiv_m64, _adj_fprem1,vbaStrCat,vbaHresultCheckObj, _adj_fdiv_m32,vbaObjSet, _adj_fdiv_m16i, _adj_fdivr_m16i,vbaVarTstLt, _Clsin,vbaChkstk, EVENT_SINK_AddRef,vbaCyl2,vbaStrCmp,vbaCyl4, _adj_fpatan, EVENT_SINK_Release, _Clsqrt, EVENT_SINK_QueryInterface,vbaExceptHandler, _adj_fprem, _adj_fdivr_m64,vbaFPException,vbaCyForNext, _Cllog,vbaNew2, _adj_fdiv_m32i, _adj_fdivr_m32i, _vbal4Str,vbaFreeStrList, _adj_fdivr_m32, _adj_fdiv_r, _Clatan,vbaStrMove, _allmul, _Cltan,Clexp,vbaFreeObj,vbaFreeStr

# **Version Infos**

Description	Data
Translation	0x0409 0x04b0
InternalName	Affolker
FileVersion	2.00
CompanyName	Axis Corp
Comments	Axis Corp
ProductName	Project1
ProductVersion	2.00
OriginalFilename	Affolker.exe

# Possible Origin

Language of compilation system	Country where language is spoken Map United States	Мар
English	United States	

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Code Manipulations  Statistics  System Behavior  Analysis Process: Agreement Terms Sample.pdf.exe PID: 6116 Parent PID: 5880  General  Start time: 2114-22 Start time: 1300/2001 Path: 1000/2005 (25bit): 1000 Commandine: 1000/2005 (25bit): 1000 Com							
System Behavior  Analysis Process: Agreement Terms Sample.pdf.exe PID: 6116 Parent PID: 5880  General  Start time: 21:14:22 Start date: 130012021 Path: 0.CUsersusenDesktopiAgreement Terms Sample.pdf.exe Wow64 process (32bit): true  Wow64 process (32bit): true  Commandine: 0.CUsersusenDesktopiAgreement Terms Sample.pdf.exe Imagebase: 0.0400000  File size: 0.6558 bytes  MOS Nash: 76960258227DD2AE928B3886A66A8FE52 Hatas elevated privileges: true  Programmed in: Visual Basic Reputation: low  File Activities  File Path Access Attributes Options Completion Count  Disassembly							
System Behavior  Analysis Process: Agreement Terms Sample.pdf.exe PID: 6116 Parent PID: 5880  General  Start time: 21:14:22 Start time: 13:01/2021 Path: C./Users/user/Desktop/Agreement Terms Sample.pdf.exe Wow64 process (32bit): true Commandine: C./Users/user/Desktop/Agreement Terms Sample.pdf.exe Wow64 process (32bit): true Commandine: C./Users/user/Desktop/Agreement Terms Sample.pdf.exe Wow64 process (32bit): true File size: 05536 bytes MD5 hash: 768628227/DD2AE92863896A66A8FE52 Hatas elevated privileges: true Programmed in: Visual Basic Reputation: low  File Activities  Disassembly  Disassembly							
System Behavior  Analysis Process: Agreement Terms Sample.pdf.exe PID: 6116 Parent PID: 5880  General  Start time: 21:14:22 Start time: 13:01/2021 Path: C./Users/user/Desktop/Agreement Terms Sample.pdf.exe Wow64 process (32bit): true Commandine: C./Users/user/Desktop/Agreement Terms Sample.pdf.exe Wow64 process (32bit): true Commandine: C./Users/user/Desktop/Agreement Terms Sample.pdf.exe Wow64 process (32bit): true File size: 05536 bytes MD5 hash: 768628227/DD2AE92863896A66A8FE52 Hatas elevated privileges: true Programmed in: Visual Basic Reputation: low  File Activities  Disassembly  Disassembly							
Analysis Process: Agreement Terms Sample.pdf.exe PID: 6116 Parent PID: 5880  General  Start time: 21:14:22 Start date: 13/01/2021 Path: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe Wow64 process (32bit): true Commandline: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe' Imagebase: 0x400000 File size: 65536 bytes MD5 hash: 76B6C2B227DD2AE92BB3B86A66A8FE52 Has administrator privileges: true Has administrator privileges: true Programmed in: Visual Basic Reputation: low  File Activities  Disassembly  Disassembly							
Analysis Process: Agreement Terms Sample.pdf.exe PID: 6116 Parent PID: 5880  General  Start time: 21:14:22 Start date: 13:01/2021 Path: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe Wow64 process (32bit): true Commandline: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe' Imagebase: 0x400000 Imagebase: 0x530 bytes Imagebase: 05536 bytes Imagebase: 176B6C2B227DD2AE92BB3B86A66A8FE52 Itue Itas administrator privileges: Itue Programmed in: Visual Basic Reputation: Iow  File Activities  Disassembly  Disassembly							
Start time:  Start date:  13/01/2021  Path:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Wow64 process (32bit):  true  Commandline:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Wow64 process (32bit):  true  Commandline:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Imagebase:  0x4/00000  Startibutes  MD5 hash:  76B6C2B227DD2AE92BB3B86A66A8FE52  Has administrator privileges:  true  Programmed in:  Visual Basic  Reputation:  Iow  File Activities  Disassembly  Disassembly							
Start time:  Start date:  13/01/2021  Path:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Wow64 process (32bit):  true  Commandline:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Wow64 process (32bit):  true  Commandline:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Imagebase:  0x4/00000  Startibutes  MD5 hash:  76B6C2B227DD2AE92BB3B86A66A8FE52  Has administrator privileges:  true  Programmed in:  Visual Basic  Reputation:  Iow  File Activities  Disassembly  Disassembly							
Start time:  Start date:  13/01/2021  Path:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Wow64 process (32bit):  true  Commandline:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Wow64 process (32bit):  true  Commandline:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Imagebase:  0x4/00000  Startibutes  MD5 hash:  76B6C2B227DD2AE92BB3B86A66A8FE52  Has administrator privileges:  true  Programmed in:  Visual Basic  Reputation:  Iow  File Activities  Disassembly  Disassembly							
Start time: Start time: Start date: 13/01/2021 C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe Wow64 process (32bit): true C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe Wow64 process (32bit): C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Wow64 process (32bit):  true  C:\Users\user\user\Desktop\Agreement Terms Sample.pdf.exe'  Moshase: Moshase: Moshash: Moshas	Sample.pdf.exe PID: 6116 Parent PID: 5880						
Start date:  Path: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe  Wow64 process (32bit): true Commandline: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  magebase: 0x400000							
C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe true  Commandline: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  Commandline: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  Commandline: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  Commandline: C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  C:\Users\user\user\Desktop\Agreement Terms Sample.pdf.exe'  C:\Users\user\user\Desktop\Agreement Terms Sample.pdf.exe'  C:\Users\user\user\user\Desktop\Agreement Terms Sample.pdf.exe'  C:\Users\user\user\user\user\user\user\user\	21:14:22						
Mow64 process (32bit):  Commandline:  Co:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  Commandline:  Co:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  Commandline:  Co:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  Commandline:  Co:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  Cox400000  Cox4000000  Cox400000  Cox4000000  Cox400000  Cox4000000  Cox400000  Cox400000  Cox400000  Cox400000  Cox400000  Cox400000  Cox400000  Cox400000  Cox400000  Cox4000000  Cox400000  Cox400000  Cox400000  Cox400000  Cox4000000  Cox4000000  Cox400000	13/01/2021						
Commandline:  C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'  Dx400000  Eile size:  65536 bytes  MD5 hash:  76B6C2B227DD2AE92BB3B86A66A8FE52  Has elevated privileges:  Has administrator privileges:  Programmed in:  Visual Basic  Reputation:  Iow  File Activities  File Path  Access  Attributes  Options  Completion  Count  Disassembly	C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe	C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe					
magebase: 0x400000  File size: 65536 bytes  MD5 hash: 76B6C2B227DD2AE92BB3B86A66A8FE52  Has elevated privileges: true  Has administrator privileges: true  Programmed in: Visual Basic  Reputation: low  File Activities  File Path Access Attributes Options Completion Count  Disassembly	true						
Elle size:  ### Access Attributes    65536 bytes	'C:\Users\user\Desktop\Agreement Terms Sample.pdf.exe'	0x400000					
MD5 hash:  Has elevated privileges:  Has administrator privileges:  True  Programmed in:  Reputation:  File Activities  File Path  Access  Attributes  Disassembly	0x400000						
Has elevated privileges: Has administrator privileges: Urue Programmed in: Visual Basic Reputation: Iow  File Activities  File Path Access Attributes  Disassembly	65536 bytes						
true Programmed in: P	76B6C2B227DD2AE92BB3B86A66A8FE52	76B6C2B227DD2AE92BB3B86A66A8FE52					
Programmed in: Reputation: Iow  File Activities  File Path Access Attributes  Options Completion Count	true	true					
File Activities  File Path Access Attributes Options Completion Count  Disassembly	true	true					
File Activities  File Path Access Attributes Options Completion Count  Disassembly	Visual Basic	Visual Basic					
File Path Access Attributes Options Completion Count	low						
Disassembly							
Disassembly			yn				
			Source Address S				
Code Analysis							
Code Allalysis							

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