

JOeSandbox Cloud BASIC



ID: 342299

Sample Name: PO 67542

PDF.exe

Cookbook: default.jbs

Time: 18:45:50

Date: 20/01/2021

Version: 31.0.0 Red Diamond

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Analysis Report PO 67542 PDF.exe

Overview

General Information

Sample Name:

PO 67542 PDF.exe

Analysis ID:

342299

MD5:

48e519f4c829c45..

SHA1:

2427038220c0e5..

SHA256:

7de0221ea139d8..

Tags:

exe

NanoCore

RAT

Yahoo

Most interesting Screenshot:



Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

Nanocore

Score:

68

Range:

0 - 100

Whitelisted:

false

Confidence:

100%

Signatures

Detected Nanocore Rat

Malicious sample detected (through ...

Yara detected Nanocore RAT

Hides that the sample has been dow...

Contains capabilities to detect virtua...

Contains long sleeps (>= 3 min)

Creates a process in suspended mo...

Creates a start menu entry (Start Me...

Detected potential crypto function

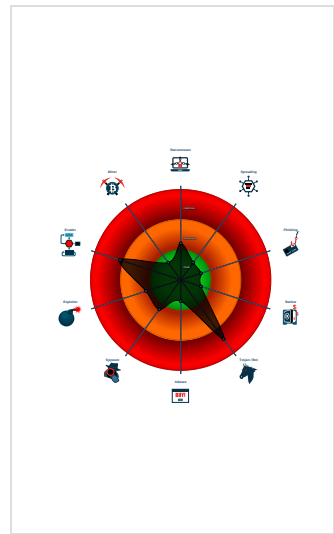
Drops PE files

Enables debug privileges

Found dropped PE file which has no...

Found inlined nop instructions (likely...

Classification



Startup

System is w10x64

PO 67542 PDF.exe

(PID: 5036 cmdline: 'C:\Users\user\Desktop\PO 67542 PDF.exe' MD5: 48E519F4C829C450926294170A30E1BB)

a.exe

(PID: 6784 cmdline: 'C:\Users\user\AppData\Roaming\la.exe' MD5: 48E519F4C829C450926294170A30E1BB)

a.exe

(PID: 6736 cmdline: 'C:\Users\user\AppData\Roaming\la.exe' MD5: 48E519F4C829C450926294170A30E1BB)

cleanup

Malware Configuration

No configs have been found

Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000000.00000002.697095966.000000000424 9000.00000004.00000001.sdmp	Nanocore_RAT_Gen_2	Detetcs the Nanocore RAT	Florian Roth	0xdb66f:\$x1: NanoCore.ClientPluginHost 0x10e26f:\$x1: NanoCore.ClientPluginHost 0x140e5f:\$x1: NanoCore.ClientPluginHost 0xdb6ac:\$x2: IClientNetworkHost 0x10e2ac:\$x2: IClientNetworkHost 0x140e9c:\$x2: IClientNetworkHost 0xdf1df:\$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJILdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe 0x111ddf:\$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJILdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe 0x1449cf:\$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJILdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe
00000000.00000002.697095966.000000000424 9000.00000004.00000001.sdmp	JoeSecurity_Nanocore	Yara detected Nanocore RAT	Joe Security	

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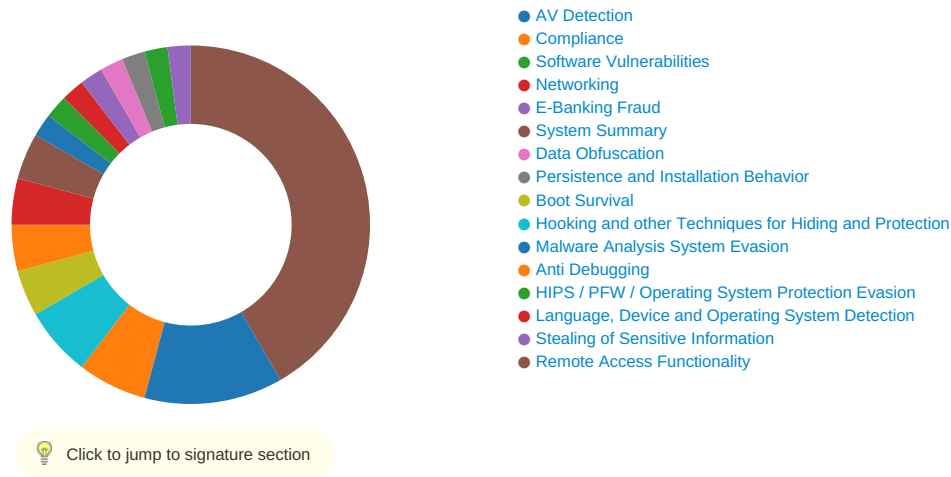
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Source	Rule	Description	Author	Strings
00000000.00000002.697095966.000000000424 9000.00000004.00000001.sdmp	NanoCore	unknown	Kevin Breen <kevin@technarchy.net>	• 0xdb3d7:\$a: NanoCore • 0xdb3e7:\$a: NanoCore • 0xdb61b:\$a: NanoCore • 0xdb62f:\$a: NanoCore • 0xdb66f:\$a: NanoCore • 0x10dfd7:\$a: NanoCore • 0x10dfe7:\$a: NanoCore • 0x10e21b:\$a: NanoCore • 0x10e22f:\$a: NanoCore • 0x10e26f:\$a: NanoCore • 0x140bc7:\$a: NanoCore • 0x140bd7:\$a: NanoCore • 0x140e0b:\$a: NanoCore • 0x140e1f:\$a: NanoCore • 0x140e5f:\$a: NanoCore • 0xdb436:\$b: ClientPlugin • 0xdb638:\$b: ClientPlugin • 0xdb678:\$b: ClientPlugin • 0x10e036:\$b: ClientPlugin • 0x10e238:\$b: ClientPlugin • 0x10e278:\$b: ClientPlugin
00000000.00000002.697565797.00000000043D F000.00000004.00000001.sdmp	Nanocore_RAT_Gen_2	Detetcs the Nanocore RAT	Florian Roth	• 0x1061f:\$x1: NanoCore.ClientPluginHost • 0x43205:\$x1: NanoCore.ClientPluginHost • 0x1065c:\$x2: IClientNetworkHost • 0x43242:\$x2: IClientNetworkHost • 0x1418f:\$x3: #=qjgz7ljmmp0J7FvL9dmi8ctJlLdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe • 0x46d75:\$x3: #=qjgz7ljmmp0J7FvL9dmi8ctJlLdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe
00000000.00000002.697565797.00000000043D F000.00000004.00000001.sdmp	JoeSecurity_Nanocore	Yara detected Nanocore RAT	Joe Security	
Click to see the 4 entries				

Sigma Overview

No Sigma rule has matched

Signature Overview



AV Detection:



Yara detected Nanocore RAT

Compliance:



Uses 32bit PE files

Contains modern PE file flags such as dynamic base (ASLR) or NX

Binary contains paths to debug symbols

E-Banking Fraud:



Yara detected Nanocore RAT

System Summary:



Malicious sample detected (through community Yara rule)

Hooking and other Techniques for Hiding and Protection:



Hides that the sample has been downloaded from the Internet (zone.identifier)

Stealing of Sensitive Information:



Yara detected Nanocore RAT

Remote Access Functionality:



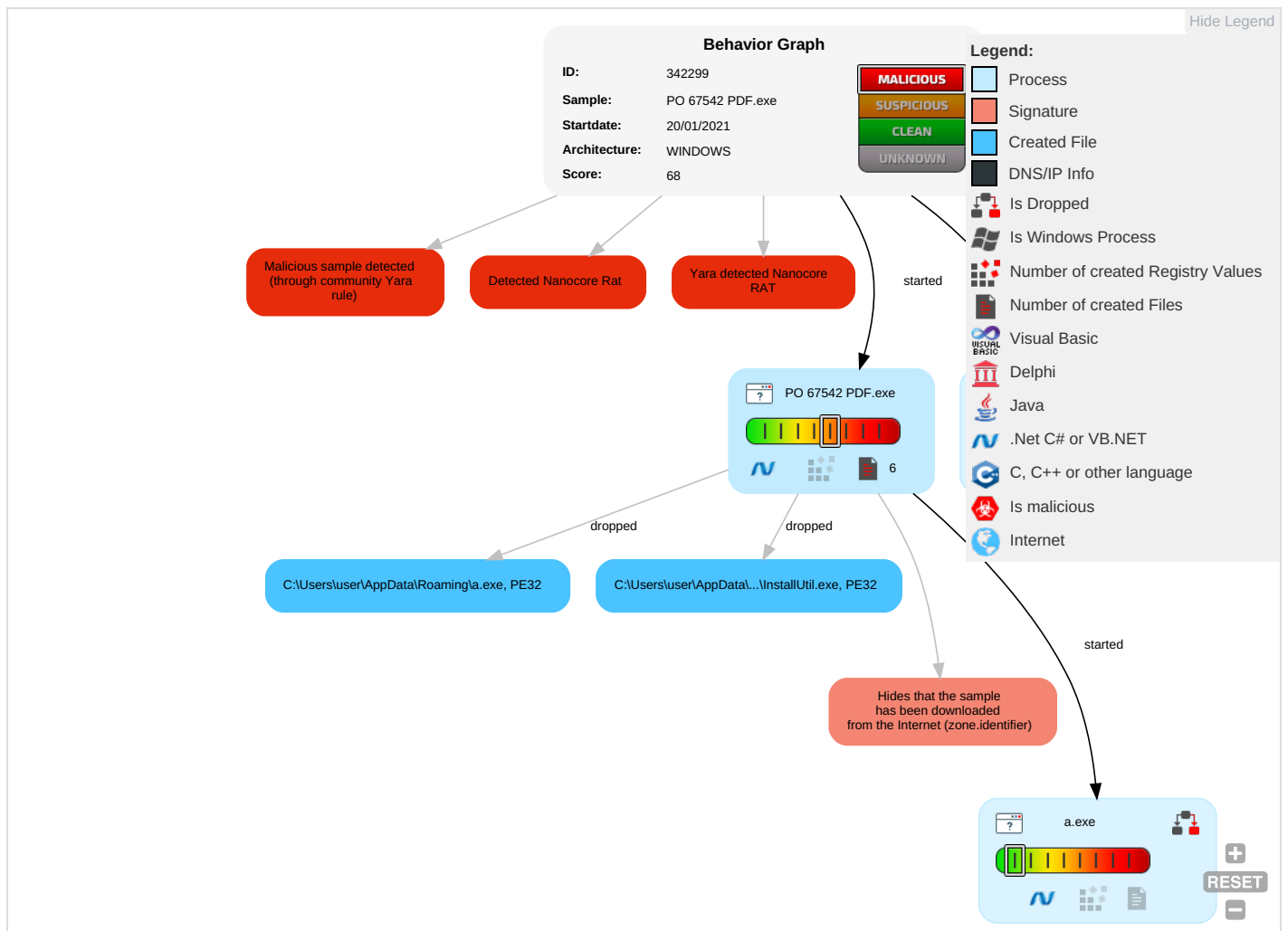
Detected Nanocore Rat

Yara detected Nanocore RAT

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects
Valid Accounts	Windows Management Instrumentation	Startup Items 1	Startup Items 1	Masquerading 1	OS Credential Dumping	Query Registry 1	Remote Services	Archive Collected Data 1	Exfiltration Over Other Network Medium	Encrypted Channel 1	Eavesdrop on Insecure Network Communication
Default Accounts	Scheduled Task/Job	Registry Run Keys / Startup Folder 2	Process Injection 1 1	Virtualization/Sandbox Evasion 3	LSASS Memory	Security Software Discovery 1 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Remote Access Software 1	Exploit SS7 to Redirect Phone Calls/SMS
Domain Accounts	At (Linux)	Logon Script (Windows)	Registry Run Keys / Startup Folder 2	Disable or Modify Tools 1	Security Account Manager	Virtualization/Sandbox Evasion 3	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Steganography	Exploit SS7 to Track Device Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Process Injection 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	Hidden Files and Directories 1	LSA Secrets	File and Directory Discovery 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communication
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Obfuscated Files or Information 2	Cached Domain Credentials	System Information Discovery 1 2	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamming or Denial of Service

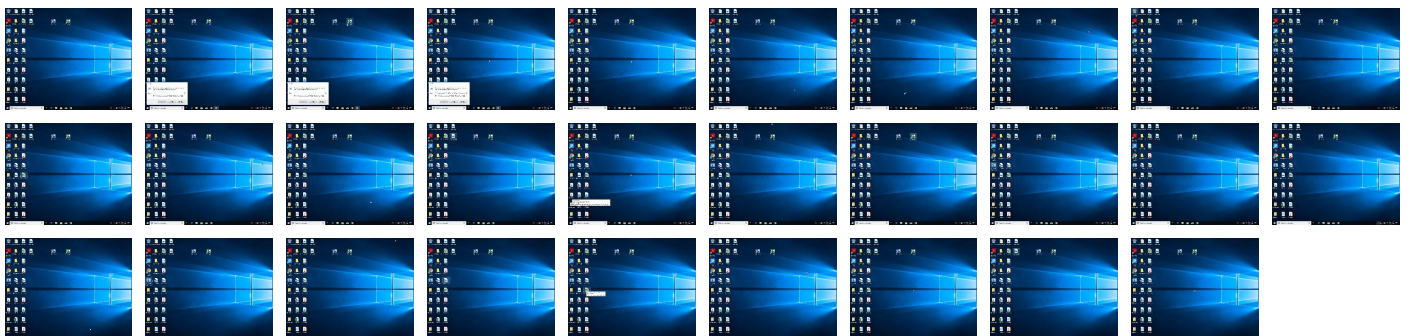
Behavior Graph



Screenshots

Thumbnails

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





Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

No Antivirus matches

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Users\user\AppData\Local\Temp\InstallUtil.exe	0%	Metadefender		Browse
C:\Users\user\AppData\Local\Temp\InstallUtil.exe	0%	ReversingLabs		

Unpacked PE Files

No Antivirus matches

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://ns.ado/Ident	0%	Avira URL Cloud	safe	

Domains and IPs

Contacted Domains

No contacted domains info

URLs from Memory and Binaries

Name	Source	Malicious	Antivirus Detection	Reputation
http://ns.ado/ldent	PO 67542 PDF.exe, 00000000.00000003.693229799.0000000000F29000.00000004.00000001.sdmp	false	Avira URL Cloud: safe	unknown

Contacted IPs

No contacted IP infos

General Information

Joe Sandbox Version:	31.0.0 Red Diamond
Analysis ID:	342299
Start date:	20.01.2021
Start time:	18:45:50
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 8m 31s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	PO 67542 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:	16
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:	- HCA enabled - EGA enabled - HDC enabled - AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal68.troj.evad.winEXE@4/6@0/0
EGA Information:	Failed
HDC Information:	- Successful, ratio: 1.1% (good quality ratio 0.9%) - Quality average: 63.2% - Quality standard deviation: 31.1%
HCA Information:	- Successful, ratio: 100% - Number of executed functions: 0 - Number of non-executed functions: 0
Cookbook Comments:	- Adjust boot time - Enable AMSI - Found application associated with file extension: .exe

Warnings:	Show All - Exclude process from analysis (whitelisted): BackgroundTransferHost.exe, backgroundTaskHost.exe, svchost.exe, wuapihost.exe - Report size getting too big, too many NtOpenKeyEx calls found. - Report size getting too big, too many NtProtectVirtualMemory calls found. - Report size getting too big, too many NtQueryValueKey calls found. - Report size getting too big, too many NtReadVirtualMemory calls found. - VT rate limit hit for: /opt/package/joesandbox/database/analysis/342299/sample/PO 67542 PDF.exe
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Simulations

Behavior and APIs

Time	Type	Description
18:46:48	Autostart	Run: C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\la.lnk

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

No context

JA3 Fingerprints

No context

Dropped Files

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
C:\Users\user\AppData\Local\Temp\Insta llUtil.exe	Mi9el6wu1p.exe	Get hash	malicious	Browse	
	OJ4zX7G77Y.exe	Get hash	malicious	Browse	
	IMG_50781.pdf.exe	Get hash	malicious	Browse	
	IMG_25579.pdf.exe	Get hash	malicious	Browse	
	IMG_40317.pdf.exe	Get hash	malicious	Browse	
	PO#4018-308875.pdf.exe	Get hash	malicious	Browse	
	SecuriteInfo.com.Trojan.PackedNET.509.8504.exe	Get hash	malicious	Browse	
	IMG_80137.pdf.exe	Get hash	malicious	Browse	
	Ziraat Bankasi Swift Mesaji.exe	Get hash	malicious	Browse	
	MEDUSI492126.pdf.exe	Get hash	malicious	Browse	
	2GNCGUZ6JU.exe	Get hash	malicious	Browse	
	IMG_53771.pdf.exe	Get hash	malicious	Browse	
	SecuriteInfo.com.Generic.mg.fb5363e0cae04979.exe	Get hash	malicious	Browse	
	Ziraat Bankasi Swift Mesaji.exe	Get hash	malicious	Browse	
	silkOrder00110.pdf.exe	Get hash	malicious	Browse	
	74725794.exe	Get hash	malicious	Browse	
	74725794.exe	Get hash	malicious	Browse	

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	IMG_53091.pdf.exe	Get hash	malicious	Browse	
	IMG_71103.pdf.exe	Get hash	malicious	Browse	
	WjIKK3Fzel.exe	Get hash	malicious	Browse	

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\PO 67542 PDF.exe.log	
Process:	C:\Users\user\Desktop\PO 67542 PDF.exe
File Type:	ASCII text, with CRLF line terminators
Category:	modified
Size (bytes):	1451
Entropy (8bit):	5.345862727722058
Encrypted:	false
SSDEEP:	24:ML9E4Ks2eE4O1IEE4UVvPKDE4KhK3VZ9pKhuE4IWUAE4KI6no84G1qE4j:MxHKXeHKIEHU0YHKhQnouHIW7HKjovGm
MD5:	06F54CDBFEF62849AF5AE052722BD7B6
SHA1:	FB0250AAC2057D0B5BCE4CE130891E428F28DA05
SHA-256:	4C039B93A728B546F49C47ED8B448D40A3553CDAABB147067AEE3958133CB446
SHA-512:	34EF5F6D5EAB0E5B11AC81F0D72FC56304291EDEEF6D19DF7145FDECAB5D342767DBBC0B4384B8DEC85741E6B85A4B431DF14FBE85DDDF2DEE103064D2895FABB
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	1,"fusion","GAC",0..1,"WinRT","NotApp",1..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll",0..3,"PresentationCore, Version=4.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35","C:\Windows\assembly\NativeImages_v4.0.30319_32\PresentationCore\820a27781e8540ca263d835ec155f1a5\PresentationCore.ni.dll",0..3,"PresentationFramework, Version=4.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35","C:\Windows\assembly\NativeImages_v4.0.30319_32\PresentationCore\820a27781e8540ca263d835ec155f1a5\PresentationFramework.ni.dll",0..3,"System.Core, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"WindowsBase, Version=4.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35","C:\Windows\assembly\NativeImages_v4.0.30319_32\Wi

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\la.exe.log	
Process:	C:\Users\user\AppData\Roaming\la.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1362
Entropy (8bit):	5.343186145897752
Encrypted:	false
SSDEEP:	24:ML9E4Ks2eE4O1IEE4UVvPKDE4KhK3VZ9pKhuE4IWUAE4KI6no84j:MxHKXeHKIEHU0YHKhQnouHIW7HKjovj
MD5:	1249251E90A1C28AB8F7235F30056DEB
SHA1:	166BA6B64E9B0D9BA7B856334F7D7EC027030BA1
SHA-256:	B5D65BF3581136CD5368BC47FA3972E06F526EED407BC6571D11D9CD4B5C4D83
SHA-512:	FD880C5B12B22241F67139ABD09B99ACE7A4DD24635FC6B340A3E7C463E2AEF3FA68EF647352132934BC1F8CA134F46064049449ACB67954BEDDEA9AA967088
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	1,"fusion","GAC",0..1,"WinRT","NotApp",1..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll",0..3,"PresentationCore, Version=4.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35","C:\Windows\assembly\NativeImages_v4.0.30319_32\PresentationCore\820a27781e8540ca263d835ec155f1a5\PresentationCore.ni.dll",0..3,"PresentationFramework, Version=4.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35","C:\Windows\assembly\NativeImages_v4.0.30319_32\PresentationCore\820a27781e8540ca263d835ec155f1a5\PresentationFramework.ni.dll",0..3,"System.Core, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"WindowsBase, Version=4.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35","C:\Windows\assembly\NativeImages_v4.0.30319_32\Wi

C:\Users\user\AppData\Local\Temp\InstallUtil.exe		
Process:	C:\Users\user\Desktop\PO 67542 PDF.exe	
File Type:	PE32 executable (console) Intel 80386 Mono/.Net assembly, for MS Windows	
Category:	dropped	
Size (bytes):	41064	
Entropy (8bit):	6.164873449128079	
Encrypted:	false	
SSDEEP:	384:FtpFVLK0MsihB9VKS7xdgE7KJ9YI6dnPU3SERztmbqCJstdMardz/JikPZ+sPZTd:ZBMs2SqdD86Iq8gZZFyViML3an	
MD5:	EFEC8C379D165E3F33B536739AEE26A3	
SHA1:	C875908ACBA5CAC1E0B40F06A83F0F156A2640FA	
SHA-256:	46DEE184523A584E56DF93389F81992911A1BA6B1F05AD7D803C6AB1450E18CB	
SHA-512:	497847EC115D9AF78899E6DC20EC32A60B16954F83CF5169A23DD3F1459CB632DAC95417BD898FD1895C9FE2262FCBF7838FCF6919FB3B851A0557FBE07CCFF	

C:\Users\user\AppData\Local\Temp\InstallUtil.exe	
Malicious:	false
Antivirus:	- Antivirus: Metadefender, Detection: 0%, Browse - Antivirus: ReversingLabs, Detection: 0%
Joe Sandbox View:	- Filename: Mi9el6wu1p.exe, Detection: malicious, Browse - Filename: OJ4zX7G77Y.exe, Detection: malicious, Browse - Filename: IMG_50781.pdf.exe, Detection: malicious, Browse - Filename: IMG_25579.pdf.exe, Detection: malicious, Browse - Filename: IMG_40317.pdf.exe, Detection: malicious, Browse - Filename: PO#4018-308875.pdf.exe, Detection: malicious, Browse - Filename: Securitelnfo.com.Trojan.PackedNET.509.8504.exe, Detection: malicious, Browse - Filename: IMG_80137.pdf.exe, Detection: malicious, Browse - Filename: Ziraat Bankasi Swift Mesaji.exe, Detection: malicious, Browse - Filename: MEDUSI492126.pdf.exe, Detection: malicious, Browse - Filename: 2GNCGUZ6JU.exe, Detection: malicious, Browse - Filename: IMG_53771.pdf.exe, Detection: malicious, Browse - Filename: Securitelnfo.com.Generic.mg.fb5363e0cae04979.exe, Detection: malicious, Browse - Filename: Ziraat Bankasi Swift Mesaji.exe, Detection: malicious, Browse - Filename: silkOrder00110.pdf.exe, Detection: malicious, Browse - Filename: 74725794.exe, Detection: malicious, Browse - Filename: 74725794.exe, Detection: malicious, Browse - Filename: IMG_53091.pdf.exe, Detection: malicious, Browse - Filename: IMG_71103.pdf.exe, Detection: malicious, Browse - Filename: WjIkK3Fzel.exe, Detection: malicious, Browse
Reputation:	moderate, very likely benign file
Preview:	<pre> MZ.....@.....!..L!This program cannot be run in DOS mode...\$......PE..L...Z.Z.....0..T.....r.....@..... ..`.....4r.O.....b.h>.....p.....H.....text...R...T.....`rsrc.....V.....@...@.rel oc.....@...B.....hr...H....."J.....lm.....o.....2~.....o...*.r...p(...*VrK..p(...s.....*.0.....(.....o...o....T(...0....(...o...o...o!...4(...o...o...o"o".....(rm.ps#...o...o...(\$.....(%...o&....ry..p.....%r...p.%((.....('.....o)...('.....*.....".....*...[Q...-}Q.....(+.....(+...*".....-s ...*(.....*.....p.(.....o...s.....)T.....*.....o.....~S...-s </pre>

C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\la.Ink	
Process:	C:\Users\user\Desktop\PO 67542 PDF.exe
File Type:	MS Windows shortcut, Item id list present, Has Relative path, Has Working directory, ctime=Sun Dec 31 23:06:32 1600, mtime=Sun Dec 31 23:06:32 1600, atime=Sun D ec 31 23:06:32 1600, length=0, window=hide
Category:	dropped
Size (bytes):	854
Entropy (8bit):	3.0159112944533297
Encrypted:	false
SSDEEP:	12:8wl0RsXowAOcQ/tz0/CSLm9RKMJkhgTCNfBT/v4t2Y+xlBjK:8ilDWLYr+Vpd7aB
MD5:	CDE31B0A7CA104AEe6CB2FF9ABFED71F
SHA1:	B92338857A61560D0E667E6E3EB5B9CCF22CE260
SHA-256:	A835B03B57A7941B592CCF6825F308CDA3158A53B4B798B0E14C51D3E9DB1AB1
SHA-512:	AF3C36C759A831D5366F2493A4AAF7BA2A97181D098C4E2D2394F06BC379A3D947A8D2BFCDFA2ADE9C3D6AC44B0895C0E4470AA8AECF1D960C7424E2E6FAE9D
Malicious:	false
Reputation:	low
Preview:	L.....F.....P.O..i....+00../C:\.....P.1.....Users.<.....U.s.e.r.s.....P.1.....user.<..... ...j.o.n.e.s.....V.1.....AppData.@.....App.D.a.t.a.....V.1.....Roaming.@.....R.o.a.m.i.n.g.....P.2..... ...a.exe.<.....\.\..\..\..\a.exe.\$C::\U.s.e.r.s\j.o.n.e.s\AppData\Roaming\l.a..exe.....y.....>.e.L: .er=y.....1SPS.XFL8C....&m.q...../...S.-1.-5.-2.1.-3.8.5.3.3.2.1.9.3.5.-2.1.2.5.5.6.3.2.0.9-.4.0.5.3.0.6.2.3.3.2.-1.0.0.2.....

C:\Users\user\AppData\Roaming\la.exe	
Process:	C:\Users\user\Desktop\PO 67542 PDF.exe
File Type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Category:	dropped
Size (bytes):	660480
Entropy (8bit):	5.42908513626469
Encrypted:	false
SSDEEP:	6144:kM/y50jRVCdT3/ceLDcLuZtV8ybPoUy2i69LP+LYrAo23KB2pTwcSn9vCfEvg4zn:JK50jwcEc6tWUtz9LAYT23d9ZSn9Vd
MD5:	48E519F4C829C450926294170A30E1BB
SHA1:	2427038220C0E5C9AB296467DB4DDFCDEB83037D
SHA-256:	7DE0221EA139D8DB56886D9F794C167A8D569F9F740E3C353147592A96114648
SHA-512:	ED305050F3CF248672D14FF868443FCF04ADD6CAE9FEA4BDE0A6B98454B503CD56ACB0BE26B7DC3F3C96AC638A44227FBD129550A7AE069388C25DDCD1DECEC9
Malicious:	false
Reputation:	low
Preview:	MZ.....@.....!..L!This program cannot be run in DOS mode...\$.....PE..L..m..2.....P.....N&.....@...@.....%..S...@...B......H.....text...T......rsrc...B...@.....@...@.reloc.....@...B.....0&.....H.....dP.....8.....6.....&.(...*.S.....S.....S.....*.....*.....*Vs...(3...t.....*(4...*.....(*...*(.....)}.....)}.....)*.....(\$...*...u...Q..P..u...+...Q..P..-..u...+...Q*..(*...*...f...poF...tl...t...o1...*(S...*(V...*0...o@...u;...-D.(...t.....oA...u.....@...u.....+

C:\Users\user1\AppData\Roaming\la.exe:Zone.Identifier	
Process:	C:\Users\user1\Desktop\PO 67542 PDF.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	26
Entropy (8bit):	3.95006375643621
Encrypted:	false
SSDEEP:	3:ggPYV:rPYV
MD5:	187F488E27DB4AF347237FE461A079AD
SHA1:	6693BA299EC1881249D59262276A0D2CB21F8E64
SHA-256:	255A65D30841AB4082BD9D0EEA79D49C5EE88F56136157D8D6156AEF11C12309
SHA-512:	89879F237C0C051EBE784D0690657A6827A312A82735DA42DAD5F744D734FC545BEC9642C19D14C05B2F01FF53BC731530C92F7327BB7DC9CDE1B60FB21CD64
Malicious:	false
Reputation:	high, very likely benign file
Preview:	[ZoneTransfer]....Zoneld=0

Static File Info

General	
File type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Entropy (8bit):	5.42908513626469
TrID:	- Win32 Executable (generic) Net Framework (10011505/4) 49.80% - Win32 Executable (generic) a (10002005/4) 49.75% - Generic CIL Executable (.NET, Mono, etc.) (73296/58) 0.36% - Windows Screen Saver (13104/52) 0.07% - Generic Win/DOS Executable (2004/3) 0.01%
File name:	PO 67542 PDF.exe
File size:	660480
MD5:	48e519f4c829c450926294170a30e1bb
SHA1:	2427038220c0e5c9ab296467db4ddfcdeb83037d
SHA256:	7de0221ea139d8db56886d9f794c167a8d569f9f740e3c353147592a96114648
SHA512:	ed305050f3cf248672d14ff868443fcf04add6cae9fea4bde0a6b98454b503cd56acb0be26b7dc3f3c96ac638a44227fbd129550a7ae069388c25ddcd1dedec9
SSDEEP:	6144:kM/y50jRVCdT3/celDcLuZTv8ybPoUy2i69LP+LYrAo23KB2pTwcSn9vCfEvg4zn:JK50jwcEc6tWUtZ9LAYT23d9ZSn9Vd
File Content Preview:	MZ.....@.....!..L!Th is program cannot be run in DOS mode....\$.PE..L... m...2.....P.....N&... ..@....@..

File Icon

	
Icon Hash:	00828e8e8686b000

Static PE Info

General	
Entrypoint:	0x4a264e
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	32BIT_MACHINE, EXECUTABLE_IMAGE
DLL Characteristics:	NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT, HIGH_ENTROPY_VA
Time Stamp:	0x3217906D [Sun Aug 18 21:51:41 1996 UTC]

Name	Virtual Address	Virtual Size	Is in Section
IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_COM_DESCRIPTOR	0x2008	0x48	.text
IMAGE_DIRECTORY_ENTRY_RESERVED	0x0	0x0	

Sections

Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.text	0x2000	0xa0654	0xa0800	False	0.521245558314	data	5.43642675992	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.rsrc	0xa4000	0x642	0x800	False	0.35888671875	data	3.71514384495	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0xa6000	0xc	0x200	False	0.044921875	data	0.101910425663	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ

Resources

Name	RVA	Size	Type	Language	Country
RT_VERSION	0xa40a0	0x3b8	COM executable for DOS		
RT_MANIFEST	0xa4458	0x1ea	XML 1.0 document, UTF-8 Unicode (with BOM) text, with CRLF line terminators		

Imports

DLL	Import
mscorlib.dll	_CorExeMain

Version Infos

Description	Data
Translation	0x0000 0x04b0
LegalCopyright	Copyright 2018 7D393E<CA=6J@A@DGF>CD<<B
Assembly Version	1.0.0.0
InternalName	PO 67542 PDF.exe
FileVersion	9.14.19.24
CompanyName	7D393E<CA=6J@A@DGF>CD<<B
Comments	C@7?G5:2B@8:B<G<:~?C@<B:6
ProductName	7?E4FID7<633G9>
ProductVersion	9.14.19.24
FileDescription	7?E4FID7<633G9>
OriginalFilename	PO 67542 PDF.exe

Network Behavior

No network behavior found

Code Manipulations

Statistics

Behavior

● PO 67542 PDF.exe
● a.exe
● a.exe



💡 Click to jump to process

System Behavior

Analysis Process: PO 67542 PDF.exe PID: 5036 Parent PID: 6076

General

Start time:	18:46:41
Start date:	20/01/2021
Path:	C:\Users\user\Desktop\PO 67542 PDF.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\Desktop\PO 67542 PDF.exe'
Imagebase:	0x5c0000
File size:	660480 bytes
MD5 hash:	48E519F4C829C450926294170A30E1BB
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	- Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000000.00000002.697095966.0000000004249000.00000004.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000000.00000002.697095966.0000000004249000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000000.00000002.697095966.0000000004249000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> - Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000000.00000002.697565797.00000000043DF000.00000004.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000000.00000002.697565797.00000000043DF000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000000.00000002.697565797.00000000043DF000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

File Activities

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\InstallUtil.exe	read data or list directory read attributes delete write dac synchronize generic read generic write	device	sequential only non directory file	success or wait	1	4ECC22B	CopyFileExW
C:\Users\user\AppData\Roaming\la.exe	read data or list directory read attributes delete write dac synchronize generic read generic write	device	sequential only synchronous io non alert non directory file	success or wait	1	4ECC22B	CopyFileExW
C:\Users\user\AppData\Roaming\la.exe\Zone.Identifier:\$DATA	read data or list directory synchronize generic write	device	sequential only synchronous io non alert	success or wait	1	4ECC22B	CopyFileExW
C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\PO 67542 PDF.exe.log	read attributes synchronize generic write	device	synchronous io non alert non directory file	success or wait	1	6D4DC78D	CreateFileW

File Written

[illegible]

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\la.exe.log	unknown	1362	31 2c 22 66 75 73 69 6f 6e 22 2c 22 47 41 43 22 2c 30 0d 0a 31 2c 22 57 69 6e 52 54 22 2c 22 4e 6f 74 41 70 70 22 2c 31 0d 0a 33 2c 22 53 79 73 74 65 6d 2c 20 56 65 72 73 69 6f 6e 3d 34 2e 30 2e 30 2e 30 2c 20 43 75 6c 74 75 72 65 3d 6e 65 75 74 72 61 6c 2c 20 50 75 62 6c 69 63 4b 65 79 54 6f 6b 65 6e 3d 62 37 37 61 35 63 35 36 31 39 33 34 65 30 38 39 22 2c 22 43 3a 5c 57 69 6e 64 6f 77 73 5c 61 73 73 65 6d 62 6c 79 5c 4e 61 74 69 76 65 49 6d 61 67 65 73 5f 76 34 2e 30 2e 33 30 33 31 39 5f 33 32 5c 53 79 73 74 65 6d 5c 34 66 30 61 37 65 65 66 61 33 63 64 33 65 30 62 61 39 38 62 35 65 62 64 64 62 62 63 37 32 65 36 5c 53 79 73 74 65 6d 2e 6e 69 2e 64 6c 6c 22 2c 30 0d 0a 33 2c 22 50 72 65 73 65 6e 74 61 74 69 6f 6e 43 6f 72 65 2c 20 56 65 72 73 69 6f 6e 3d	1,"fusion","GAC",0..1,"WinRT", "NotApp",1..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089", "C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddb5c72e6\System.ni.dll",0..3,"PresentationCore, Version=	success or wait	1	6D4DC907	WriteFile

File Read

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6D1A5705	unknown
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	6135	success or wait	1	6D1A5705	unknown
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\la152fe02a317a77ae4ee36903305e8ba6\mscorlib.ni.dll.aux	unknown	176	success or wait	1	6D1003DE	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6D1ACA54	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\Presentation5ae0f00f#\889128adc9a7c9370e5e293f65060164\PresentationFramework.ni.dll.aux	unknown	2516	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\PresentationCore\820a27781e8540ca263d835ec155f1a5\PresentationCore.ni.dll.aux	unknown	1912	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddb5c72e6\System.ni.dll.aux	unknown	620	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\WindowsBase\dd5a228cf16a218ff0d3f02cdcbab8c9\WindowsBase.ni.dll.aux	unknown	1348	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux	unknown	900	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xaml\8c85184f1e0cfe359eea86373661a3f8\System.Xaml.ni.dll.aux	unknown	572	success or wait	1	6D1003DE	ReadFile

Analysis Process: a.exe PID: 6784 Parent PID: 5036

General	
Start time:	18:46:59
Start date:	20/01/2021
Path:	C:\Users\user\AppData\Roaming\la.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\la.exe'
Imagebase:	0x140000
File size:	660480 bytes
MD5 hash:	48E519F4C829C450926294170A30E1BB
Has elevated privileges:	true

Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Reputation:	low

File Activities

File Read

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6D1A5705	unknown
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	6135	success or wait	1	6D1A5705	unknown
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib.a152fe02a317a77ae36903305e8ba6\mscorlib.ni.dll.aux	unknown	176	success or wait	1	6D1003DE	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6D1ACA54	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4097	success or wait	1	6D1ACA54	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\PresentationCore\820a27781e8540ca263d835ec155f1a5\PresentationFramework.ni.dll.aux	unknown	2516	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\PresentationCore\820a27781e8540ca263d835ec155f1a5\PresentationCore.ni.dll.aux	unknown	1912	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll.aux	unknown	620	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\WindowsBase\d5a228cf16a218ff0d3f02cdcbab8c9\WindowsBase.ni.dll.aux	unknown	1348	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux	unknown	900	success or wait	1	6D1003DE	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xaml\8c85184f1e0cfe359eea86373661a3f8\System.Xaml.ni.dll.aux	unknown	572	success or wait	1	6D1003DE	ReadFile

Disassembly

Code Analysis