ID: 432701
Sample Name: Proforma invoice.exe
Cookbook: default.jbs
Time: 17:24:12
Date: 10/06/2021
Version: 32.0.0 Black Diamond

Table of Contents

Copyright Joe Security LLC 2021

Copyright Joe Security LLC 2021

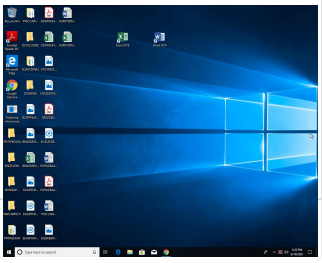
Analysis Report Proforma invoice.exe

Overview

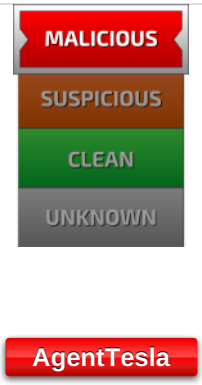
General Information

Sample Name:	Proforma invoice.exe
Analysis ID:	432701
MD5:	f21a47403b0e52b.
SHA1:	4a61f9e71430e81.
SHA256:	4afda0db963cde1.
Tags:	AgentTesla exe
Infos:	

Most interesting Screenshot:



Detection

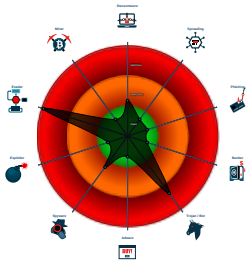


Score:	100
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

- Detected unpacking (changes PE se…
- Detected unpacking (overwrites its o…
- Found malware configuration
- Multi AV Scanner detection for dropp…
- Multi AV Scanner detection for subm…
- Yara detected AgentTesla
- Yara detected AgentTesla
- Yara detected AntiVM3
- .NET source code contains very larg…
- Hides that the sample has been dow…
- Initial sample is a PE file and has a …
- Injects a PE file into a foreign proce…

Classification



Process Tree

- **System is w10x64**
- Proforma invoice.exe (PID: 4824 cmdline: 'C:\Users\user\Desktop\Proforma invoice.exe' MD5: F21A47403B0E52B1B4ABE5E55A5CB719)
  - schtasks.exe (PID: 3544 cmdline: 'C:\Windows\System32\schtasks.exe' /Create /TN 'Updates\BrIEdqyxzN' /XML 'C:\Users\user\AppData\Local\Temp\tmp3BCD.tmp' MD5: 15FF7D8324231381BAD48A052F85DF04)
    - conhost.exe (PID: 3548 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
  - RegSvcs.exe (PID: 1760 cmdline: {path} MD5: 71369277D09DA0830C8C59F9E22BB23A)
- newapp.exe (PID: 5824 cmdline: 'C:\Users\user\AppData\Roaming\newapp\newapp.exe' MD5: 71369277D09DA0830C8C59F9E22BB23A)
  - conhost.exe (PID: 5708 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
- newapp.exe (PID: 4588 cmdline: 'C:\Users\user\AppData\Roaming\newapp\newapp.exe' MD5: 71369277D09DA0830C8C59F9E22BB23A)
  - conhost.exe (PID: 1264 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
- **cleanup**

Malware Configuration

Threatname: Agenttesla

```
{
  "Exfil Mode": "SMTP",
  "Username": "aaspa@vivaldi.net",
  "Password": "67968664JeBlachqwin",
  "Host": "smtp.vivaldi.net"
}
```

Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000001.00000002.316461011.0000000003FC1000.00000004.00000001.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
00000001.00000002.316461011.0000000003FC1000.00000004.00000001.sdmp	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	

Copyright Joe Security LLC 2021

Source	Rule	Description	Author	Strings
0000000F.00000002.471894624.000000000402000.00000040.00000001.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
0000000F.00000002.471894624.000000000402000.00000040.00000001.sdmp	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
00000001.00000002.324553580.000000000D971000.00000004.00000001.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
Click to see the 8 entries				

Unpacked PEs

Source	Rule	Description	Author	Strings
1.2.Proforma invoice.exe.da112b8.8.raw.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
1.2.Proforma invoice.exe.da112b8.8.raw.unpack	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
1.2.Proforma invoice.exe.da112b8.8.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
1.2.Proforma invoice.exe.da112b8.8.unpack	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
15.2.RegSvcs.exe.400000.0.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
Click to see the 3 entries				

Sigma Overview

No Sigma rule has matched

Signature Overview

Click to jump to signature section

AV Detection:

Found malware configuration

Multi AV Scanner detection for dropped file

Multi AV Scanner detection for submitted file

Compliance:

Detected unpacking (overwrites its own PE header)

System Summary:

.NET source code contains very large array initializations

Initial sample is a PE file and has a suspicious name

Data Obfuscation:

Detected unpacking (changes PE section rights)

Detected unpacking (overwrites its own PE header)

Boot Survival:

Uses schtasks.exe or at.exe to add and modify task schedules

Copyright Joe Security LLC 2021

Hooking and other Techniques for Hiding and Protection:

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

Malware Analysis System Evasion:

Yara detected AntiVM3

Queries sensitive BIOS Information (via WMI, Win32_Bios & Win32_BaseBoard, often done to detect virtual machines)

Queries sensitive network adapter information (via WMI, Win32_NetworkAdapter, often done to detect virtual machines)

Tries to detect sandboxes and other dynamic analysis tools (process name or module or function)

HIPS / PFW / Operating System Protection Evasion:

Injects a PE file into a foreign processes

Writes to foreign memory regions

Stealing of Sensitive Information:

Yara detected AgentTesla

Yara detected AgentTesla

Remote Access Functionality:

Yara detected AgentTesla

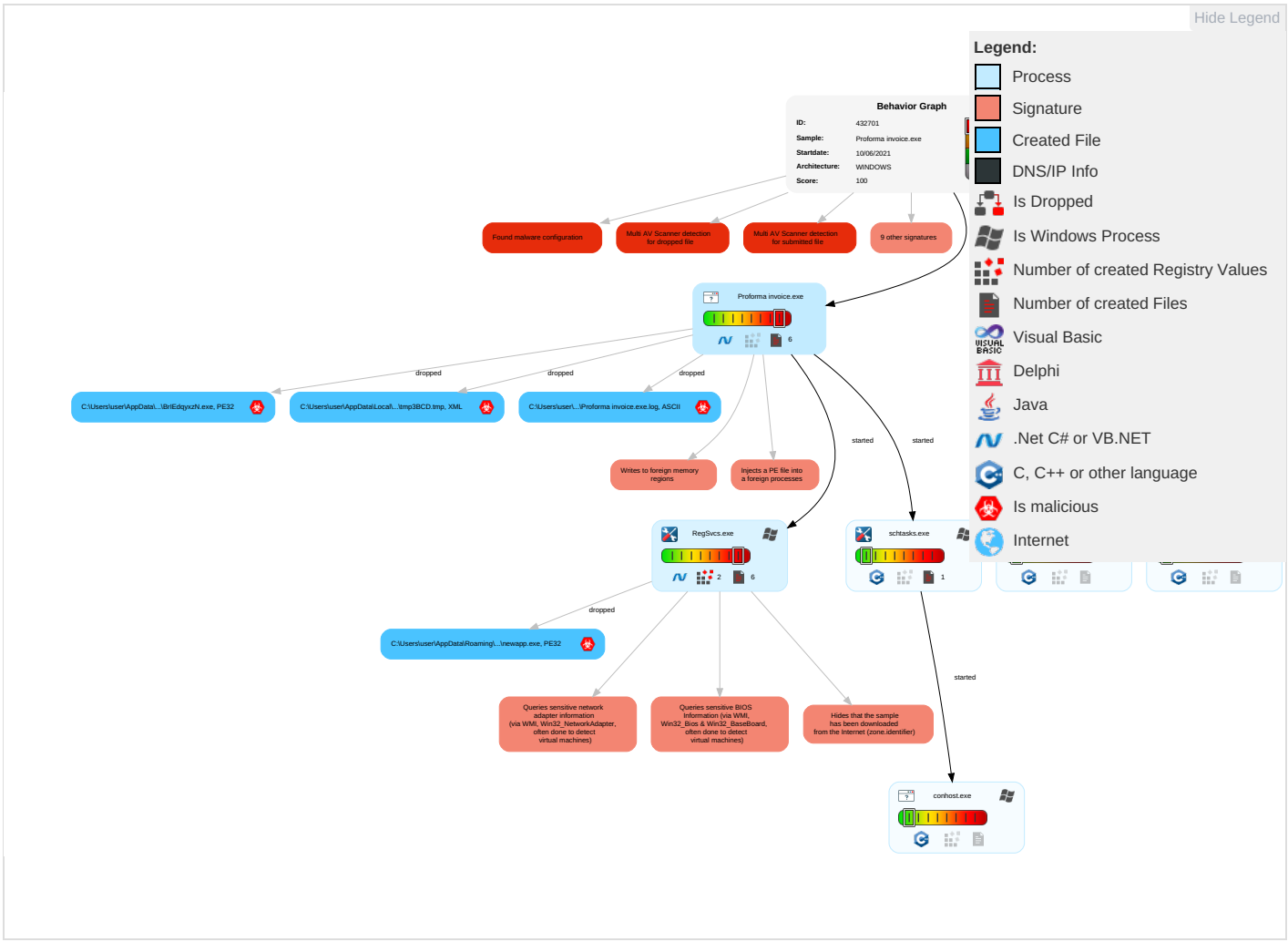
Yara detected AgentTesla

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control
Valid Accounts	Windows Management Instrumentation 2 1 1	Scheduled Task/Job 1	Process Injection 2 1 2	Masquerading 1	Input Capture 1	Security Software Discovery 3 2 1	Remote Services	Input Capture 1	Exfiltration Over Other Network Medium	Encrypted Channel 1
Default Accounts	Scheduled Task/Job 1	Registry Run Keys / Startup Folder 1	Scheduled Task/Job 1	Disable or Modify Tools 1	LSASS Memory	Process Discovery 2	Remote Desktop Protocol	Archive Collected Data 1 1	Exfiltration Over Bluetooth	Junk Data
Domain Accounts	At (Linux)	DLL Side-Loading 1	Registry Run Keys / Startup Folder 1	Virtualization/Sandbox Evasion 1 4 1	Security Account Manager	Virtualization/Sandbox Evasion 1 4 1	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Steganography
Local Accounts	At (Windows)	Logon Script (Mac)	DLL Side-Loading 1	Process Injection 2 1 2	NTDS	Application Window Discovery 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Deobfuscate/Decode Files or Information 1	LSA Secrets	File and Directory Discovery 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Hidden Files and Directories 1	Cached Domain Credentials	System Information Discovery 1 1 3	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication
External Remote Services	Scheduled Task	Startup Items	Startup Items	Obfuscated Files or Information 2	DCSync	Network Sniffing	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Software Packing 2 2	Proc Filesystem	Network Service Scanning	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control
Exploit Public-Facing Application	PowerShell	At (Linux)	At (Linux)	DLL Side-Loading 1	/etc/passwd and /etc/shadow	System Network Connections Discovery	Software Deployment Tools	Data Staged	Exfiltration Over Asymmetric Encrypted Non-C2 Protocol	Web Protocols

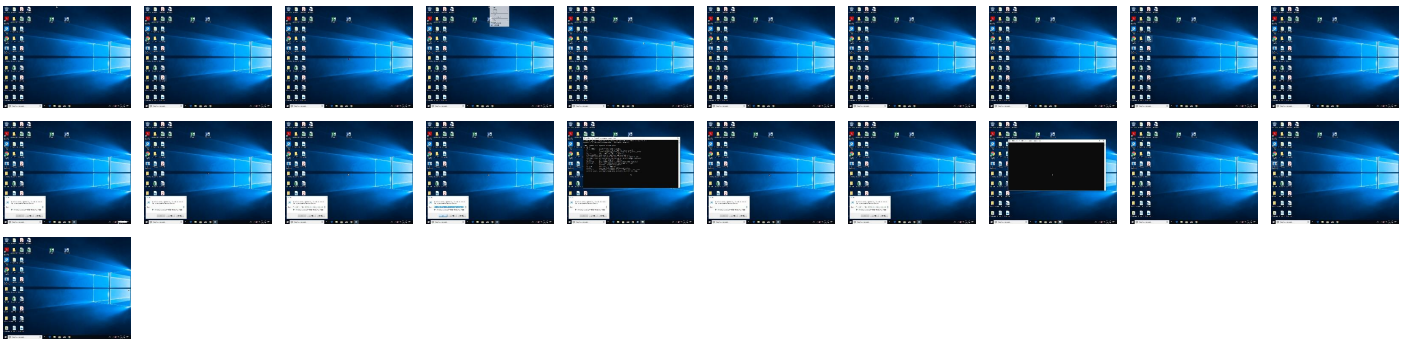
Behavior Graph



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

Source	Detection	Scanner	Label	Link
Proforma invoice.exe	29%	Virustotal		Browse
Proforma invoice.exe	41%	ReversingLabs	ByteCode-MSIL.Trojan.AgentTesla	

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Users\user\AppData\Roaming\BrIEdqyxzN.exe	41%	ReversingLabs	ByteCode-MSIL.Trojan.AgentTesla	
C:\Users\user\AppData\Roaming\newapp\newapp.exe	0%	Metadefender		Browse
C:\Users\user\AppData\Roaming\newapp\newapp.exe	0%	ReversingLabs		

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
15.2.RegSvcs.exe.400000.0.unpack	100%	Avira	TR/Spy.Gen8		Download File
15.0.RegSvcs.exe.400000.0.unpack	100%	Avira	TR/Spy.Gen8		Download File
1.2.Proforma invoice.exe.810000.0.unpack	100%	Avira	TR/Crypt.XPACK.Gen2		Download File

Domains

Copyright Joe Security LLC 2021

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://127.0.0.1:HTTP/1.1	0%	Avira URL Cloud	safe	
http://www.founder.com.cn/cn/bThe	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/bThe	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/bThe	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/bThe	0%	URL Reputation	safe	
http://www.monotype.b7	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/a-e	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/sNT	0%	Avira URL Cloud	safe	
http://www.fontbureau.comd:	0%	Avira URL Cloud	safe	
http://www.founder.com.cn/cnR(2	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/sRA	0%	Avira URL Cloud	safe	
http://www.tiro.com	0%	URL Reputation	safe	
http://www.tiro.com	0%	URL Reputation	safe	
http://www.tiro.com	0%	URL Reputation	safe	
http://www.carterandcone.comueT	0%	Avira URL Cloud	safe	
http://www.fontbureau.comessed	0%	URL Reputation	safe	
http://www.fontbureau.comessed	0%	URL Reputation	safe	
http://www.fontbureau.comessed	0%	URL Reputation	safe	
http://www.fontbureau.commito_	0%	Avira URL Cloud	safe	
http://www.goodfont.co.kr	0%	URL Reputation	safe	
http://www.goodfont.co.kr	0%	URL Reputation	safe	
http://www.goodfont.co.kr	0%	URL Reputation	safe	
http://www.carterandcone.com	0%	URL Reputation	safe	
http://www.carterandcone.com	0%	URL Reputation	safe	
http://www.carterandcone.com	0%	URL Reputation	safe	
http://www.fontbureau.comiva	0%	Avira URL Cloud	safe	
http://sDFZcX.com	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/jp/:	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/~	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/~	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/~	0%	URL Reputation	safe	
http://www.sajatypeworks.com	0%	URL Reputation	safe	
http://www.sajatypeworks.com	0%	URL Reputation	safe	
http://www.sajatypeworks.com	0%	URL Reputation	safe	
http://www.typography.netD	0%	URL Reputation	safe	
http://www.typography.netD	0%	URL Reputation	safe	
http://www.typography.netD	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/cThe	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/cThe	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/cThe	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/:	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/:	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/:	0%	URL Reputation	safe	
http://www.galapagosdesign.com/staff/dennis.htm	0%	URL Reputation	safe	
http://www.galapagosdesign.com/staff/dennis.htm	0%	URL Reputation	safe	
http://www.galapagosdesign.com/staff/dennis.htm	0%	URL Reputation	safe	
http://fontfabrik.com	0%	URL Reputation	safe	
http://fontfabrik.com	0%	URL Reputation	safe	
http://fontfabrik.com	0%	URL Reputation	safe	
http://www.fontbureau.comgrita	0%	URL Reputation	safe	
http://www.fontbureau.comgrita	0%	URL Reputation	safe	
http://www.fontbureau.comgrita	0%	URL Reputation	safe	
http://www.carterandcone.comue	0%	URL Reputation	safe	
http://www.carterandcone.comue	0%	URL Reputation	safe	
http://www.carterandcone.comue	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/1	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/1	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/1	0%	URL Reputation	safe	
http://www.galapagosdesign.com/v	0%	Avira URL Cloud	safe	
http://www.galapagosdesign.com/DPlease	0%	URL Reputation	safe	

Source	Detection	Scanner	Label	Link
http://www.galapagosdesign.com/DPlease	0%	URL Reputation	safe	
http://www.galapagosdesign.com/DPlease	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/Y0	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/Y0	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/Y0	0%	URL Reputation	safe	
http://https://api.ipify.org%GETMozilla/5.0	0%	URL Reputation	safe	
http://https://api.ipify.org%GETMozilla/5.0	0%	URL Reputation	safe	
http://https://api.ipify.org%GETMozilla/5.0	0%	URL Reputation	safe	
http://www.sandoll.co.kr	0%	URL Reputation	safe	
http://www.sandoll.co.kr	0%	URL Reputation	safe	
http://www.sandoll.co.kr	0%	URL Reputation	safe	
http://www.fontbureau.comcomtV	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/#	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/#	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/#	0%	URL Reputation	safe	
http://www.urwpp.deDPlease	0%	URL Reputation	safe	
http://www.urwpp.deDPlease	0%	URL Reputation	safe	
http://www.urwpp.deDPlease	0%	URL Reputation	safe	
http://www.zhongyicts.com.cn	0%	URL Reputation	safe	
http://www.zhongyicts.com.cn	0%	URL Reputation	safe	
http://www.zhongyicts.com.cn	0%	URL Reputation	safe	
http://www.sakkal.com	0%	URL Reputation	safe	
http://www.sakkal.com	0%	URL Reputation	safe	
http://www.sakkal.com	0%	URL Reputation	safe	
http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip	0%	URL Reputation	safe	
http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip	0%	URL Reputation	safe	
http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip	0%	URL Reputation	safe	
http://www.galapagosdesign.com/	0%	URL Reputation	safe	
http://www.galapagosdesign.com/	0%	URL Reputation	safe	
http://www.galapagosdesign.com/	0%	URL Reputation	safe	
http://DynDns.comDynDNS	0%	URL Reputation	safe	
http://DynDns.comDynDNS	0%	URL Reputation	safe	
http://DynDns.comDynDNS	0%	URL Reputation	safe	
http://www.fontbureau.comue	0%	Avira URL Cloud	safe	
http://www.fontbureau.comF	0%	URL Reputation	safe	
http://www.fontbureau.comF	0%	URL Reputation	safe	
http://www.fontbureau.comF	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/V	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/V	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/V	0%	URL Reputation	safe	

Domains and IPs

Contacted Domains

No contacted domains info

URLs from Memory and Binaries

Contacted IPs

No contacted IP infos

General Information

Joe Sandbox Version:	32.0.0 Black Diamond
Analysis ID:	432701

Start date:	10.06.2021
Start time:	17:24:12
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 8m 43s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	Proforma invoice.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:	28
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:	mal100.troj.evad.winEXE@10/7@0/0
EGA Information:	Failed
HDC Information:	• Successful, ratio: 8.1% (good quality ratio 5.8%) • Quality average: 46.6% • Quality standard deviation: 36.4%
HCA Information:	• Successful, ratio: 95% • 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

Simulations

Behavior and APIs

Time	Type	Description
17:25:59	API Interceptor	562x Sleep call for process: RegSvcs.exe modified
17:26:12	Autostart	Run: HKCU\Software\Microsoft\Windows\CurrentVersion\Run newapp C:\Users\user\AppData\Roaming\newapp\newapp.exe
17:26:20	Autostart	Run: HKCU64\Software\Microsoft\Windows\CurrentVersion\Run newapp C:\Users\user\AppData\Roaming\newapp\newapp.exe

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\Roaming\newapp\newapp.exe	NEW ORDER (Ref PO-298721).exe	Get hash	malicious	Browse	
	Quotation 68094.exe	Get hash	malicious	Browse	
	Quotation 68094.exe	Get hash	malicious	Browse	
	LPO-6809.exe	Get hash	malicious	Browse	
	741B26251FA1FBA9C4D5EB7AACA544F07859F82C296B8.exe	Get hash	malicious	Browse	
	Doc.17135273873.5A0AFF5F.exe	Get hash	malicious	Browse	
	eReceipt.pdf.exe	Get hash	malicious	Browse	
	TPA AGREEMENT00038499530.exe	Get hash	malicious	Browse	
	Swift copy.exe	Get hash	malicious	Browse	
	f90FtWrVT4.exe	Get hash	malicious	Browse	
	kYXjS6Oc3S.exe	Get hash	malicious	Browse	
	eK1KiJlz3l.exe	Get hash	malicious	Browse	
	80tzo8FG3d.exe	Get hash	malicious	Browse	
	SecuriteInfo.com.Trojan.PackedNET.645.23105.exe	Get hash	malicious	Browse	
	JQEl8bosea.exe	Get hash	malicious	Browse	
	YfceI5MZX4.exe	Get hash	malicious	Browse	
	TSskTqG9V9.exe	Get hash	malicious	Browse	
	oE6O5K1emC.exe	Get hash	malicious	Browse	
	GS_ PO NO.1862021.exe	Get hash	malicious	Browse	
	wDIaJji4Vv.exe	Get hash	malicious	Browse	

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\Proforma invoice.exe.log	
Process:	C:\Users\user\Desktop\Proforma invoice.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	525
Entropy (8bit):	5.2874233355119316
Encrypted:	false
SSDEEP:	12:Q3LaJU20NaL10U29hJ5g1B0U2ukyrFk70Ug+9Yz9tv:MLF20NaL329hJ5g522rWz2T
MD5:	61CCF53571C9ABA6511D696CB0D32E45
SHA1:	A13A42A20EC14942F52DB20FB16A0A520F8183CE
SHA-256:	3459BDF6C0B7F9D43649ADAAF19BA8D5D133BCBE5EF80CF4B7000DC91E10903B
SHA-512:	90E180D9A681F82C010C326456AC88EBB89256CC769E900BFB4B2DF92E69CA69726863B45DFE4627FC1EE8C281F2AF86A6A1E2EF1710094CCD3F4E092872F06
Malicious:	**true**
Reputation:	high, very likely benign file
Preview:	1,"fusion","GAC",0..3,"C:\Windows\assembly\NativeImages_v2.0.50727_32\System\1ffc437de59fb69ba2b865ffdc98ffd1\System.ni.dll",0..3,"C:\Windows\assembly\NativeImages_v2.0.50727_32\System.Drawing\54d944b3ca0ea1188d700fbd8089726b\System.Drawing.ni.dll",0..3,"C:\Windows\assembly\NativeImages_v2.0.50727_32\System.Windows.Forms\bd8d59c984c9f5f2695f64341115cdf0\System.Windows.Forms.ni.dll",0..3,"C:\Windows\assembly\NativeImages_v2.0.50727_32\Microsoft.VisualBas#\cd7c74fce2a0eab72cd25cbe4bb61614\Microsoft.VisualBasic.ni.dll",0..

C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\newapp.exe.log	
Process:	C:\Users\user\AppData\Roaming\newapp\newapp.exe
File Type:	ASCII text, with CRLF line terminators
Category:	modified
Size (bytes):	120
Entropy (8bit):	5.016405576253028
Encrypted:	false
SSDEEP:	3:QHXMKaoWglAFXMWA2yTMGfsbNXLVd49Am12MFuAvOAsDeieVyn:Q3LawlAFXMWTyAGCFLIP12MUAvvrs
MD5:	50DEC1858E13F033E6DCA3CBFAD5E8DE
SHA1:	79AE1E9131B0FAF215B499D2F7B4C595AA120925
SHA-256:	14A557E226E3BA8620BB3A70035E1E316F1E9FB5C9E8F74C07110EE90B8D8AE4
SHA-512:	1BD73338DF685A5B57B0546E102ECFDEE65800410D6F77845E50456AC70DE72929088AF19B59647F01CBA7A5ACFB399C52D9EF2402A9451366586862EF88E7BF
Malicious:	false

C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\newapp.exe.log	
Reputation:	moderate, very likely benign file
Preview:	1,"fusion","GAC",0..2,"System.EnterpriseServices, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..

C:\Users\user\AppData\Local\Temp\tmp3BCD.tmp	
Process:	C:\Users\user\Desktop\Proforma invoice.exe
File Type:	XML 1.0 document, ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1643
Entropy (8bit):	5.1928219029237015
Encrypted:	false
SSDEEP:	24:2dH4+SEqC/Q7hxlNMFp1/rlMhEMjnGpwjpIgUYODOLD9RJh7h8gKBLtn:cbh47TlNQ//rydbz9l3YODOLNdq3b
MD5:	3E891A275D4F532A361E59E081A8FBD3
SHA1:	948315C2E401FC90BDC5A509599DF9C935A8362E
SHA-256:	E55DEFA18AE9E2F6A4CFAC85E1F6A83FBBA13B01AD50F5A495191A937D43D29A
SHA-512:	3A7F656D5C156DCF62874AD55F292FE9A7727794C0C770AF1FFC0A11E66E1FDAD8332DD944380C3588AFB18B0637B557A8129A887E80A0D09D867753FC90A744
Malicious:	**true**
Reputation:	low
Preview:	<?xml version="1.0" encoding="UTF-16"?>..<Task version="1.2" xmlns="http://schemas.microsoft.com/windows/2004/02/mit/task">.. <RegistrationInfo>.. <Date>2014-10-25T14:27:44.8929027</Date>.. <Author>computer\user</Author>.. </RegistrationInfo>.. <Triggers>.. <LogonTrigger>.. <Enabled>true</Enabled>.. <UserId>computer\user</UserId>.. </LogonTrigger>.. <RegistrationTrigger>.. <Enabled>false</Enabled>.. </RegistrationTrigger>.. </Triggers>.. <Principals>.. <Principal id="Author">.. <UserId>computer\user</UserId>.. <LogonType>InteractiveToken</LogonType>.. <RunLevel>LeastPrivilege</RunLevel>.. </Principal>.. </Principals>.. <Settings>.. <MultipleInstancesPolicy>StopExisting</MultipleInstancesPolicy>.. <DisallowStartIfOnBatteries>false</DisallowStartIfOnBatteries>.. <StopIfGoingOnBatteries>true</StopIfGoingOnBatteries>.. <AllowHardTerminate>false</AllowHardTerminate>.. <StartWhenAvailable>true

C:\Users\user\AppData\Roaming\BrIEdqyxzN.exe	
Process:	C:\Users\user\Desktop\Proforma invoice.exe
File Type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Category:	dropped
Size (bytes):	935936
Entropy (8bit):	7.081994377848122
Encrypted:	false
SSDEEP:	12288:OsmPvpfwwzRQHGoXsp+uRYteSfoGC0VqE0ZLOfBWJwvmgurhOoHDe8P9E3AulToP:OsUJwwzRDoe+uSBzCKqE0ZLOoJw5i
MD5:	F21A47403B0E52B1B4ABE5E55A5CB719
SHA1:	4A61F9E71430E8171DE1953EE1655443E661A626
SHA-256:	4AFDA0DB963CDE192E39839E8684735C5F1A229FFBBD5674479845959D76CA86
SHA-512:	A15330493F853F26F10E62941EAB31A61852CFF987773E96405B1D73C4BA0A61A2136EAB129243571A226B7C5DC74541E5AD0E925F103831891C9046DC273C9A
Malicious:	**true**
Antivirus:	• Antivirus: ReversingLabs, Detection: 41%
Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....PE..L.....`.....0..2.....P... ...`....@.. ....@.....XP..S....`..... ..... ..H.....text....0... ...2..... ..`.rsrc.....`.....4.....@..@.rel oc.....F.....@..B.....P.....H.....r.....0..<.....(.... ..S. .?S.a%..^E.....+.(..... ...YZ .)g.a+.*.0..B.....r...p. .a.. (. ..a%...^E.....t...X.....0.....8.....r...p(....(....-. |4..%+. .?.%&. .x..Za+.....s....(....%.(.....(.... ..}.8t...r...p(..... .o..Z ...Ma8X....(....(....r...p(....,. .".=%+. .w&%&. ....Za8%... (.....,. +vd.%+. ....%&8.....r+..p(....(....-. ..D.%+. 4F/.%&. .[..Za8.....(.... ...8....*..

C:\Users\user\AppData\Roaming\newapp\newapp.exe	
Process:	C:\Windows\Microsoft.NET\Framework\v2.0.50727\RegSvcs.exe
File Type:	PE32 executable (console) Intel 80386 Mono/.Net assembly, for MS Windows
Category:	dropped
Size (bytes):	32768
Entropy (8bit):	3.7515815714465193
Encrypted:	false
SSDEEP:	384:BOj9Y8/gS7SDriLGKq1MHR5U4Ag6ihJSxUCR1rgCPKabK2t0X5P7DZ+JgWSW72uw:B+gSAdN1MH3HAFRJngW2u
MD5:	71369277D09DA0830C8C59F9E22BB23A
SHA1:	37F9781314F0F6B7E9CB529A573F2B1C8DE9E93F
SHA-256:	D4527B7AD2FC4778CC5BE8709C95AEA44EAC0568B367EE14F7357D72898C3698
SHA-512:	2F470383E3C796C4CF212EC280854DBB9E7E8C8010CE6857E58F8E7066D7516B7CD7039BC5C0F547E1F5C7F9F2287869ADFFB2869800B08B2982A88BE96E9FB7
Malicious:	**true**
Antivirus:	• Antivirus: Metadefender, Detection: 0%, Browse • Antivirus: ReversingLabs, Detection: 0%

C:\Users\user\AppData\Roaming\newapp\newapp.exe	
Joe Sandbox View:	• Filename: NEW ORDER (Ref PO-298721).exe, Detection: malicious, Browse • Filename: Quotation 68094.exe, Detection: malicious, Browse • Filename: Quotation 68094.exe, Detection: malicious, Browse • Filename: LPO-6809.exe, Detection: malicious, Browse • Filename: 741B26251FA1FBA9C4D5EB7AACA544F07859F82C296B8.exe, Detection: malicious, Browse • Filename: Doc.17135273873.5A0AFF5F.exe, Detection: malicious, Browse • Filename: eReceipt.pdf.exe, Detection: malicious, Browse • Filename: TPA AGREEMENT00038499530.exe, Detection: malicious, Browse • Filename: Swift copy.exe, Detection: malicious, Browse • Filename: f90FtWrVT4.exe, Detection: malicious, Browse • Filename: kYXjS6Oc3S.exe, Detection: malicious, Browse • Filename: eK1KiJlz3l.exe, Detection: malicious, Browse • Filename: 80tzo8FG3d.exe, Detection: malicious, Browse • Filename: SecuriteInfo.com.Trojan.PackedNET.645.23105.exe, Detection: malicious, Browse • Filename: JQEl8bosea.exe, Detection: malicious, Browse • Filename: YfceI5MZX4.exe, Detection: malicious, Browse • Filename: TSskTqG9V9.exe, Detection: malicious, Browse • Filename: oE6O5K1emC.exe, Detection: malicious, Browse • Filename: GS_ PO NO.1862021.exe, Detection: malicious, Browse • Filename: wDIaJji4Vv.exe, Detection: malicious, Browse
Preview:	MZ......................@..!..L.!This program cannot be run in DOS mode....$.......PE..L.....{Z.................P... ....k... ....@.. ....[.. ..@.................................k..K.................................. k.. ....H............text....K... ...P.................. ..`.rsrc................`..............@..@.rel oc...............p.............@..B... ....

\Device\ConDrv	
Process:	C:\Users\user\AppData\Roaming\newapp\newapp.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1145
Entropy (8bit):	4.462201512373672
Encrypted:	false
SSDEEP:	24:zKLXkzPDObntKlglUEnfQtvNuNpKOK5aM9YJC:zKL0zPDQntKKH1MqJC
MD5:	46EBEB88876A00A52CC37B1F8E0D0438
SHA1:	5E5DB352F964E5F398301662FF558BD905798A65
SHA-256:	D65BD5A6CC112838AFE8FA70BF61FD13C1313BCE3EE3E76C50E454D7B581238B
SHA-512:	E713E6F304A469FB71235C598BC7E2C6F8458ABC61DAF3D1F364F66579CAFA4A7F3023E585BDA552FB400009E7805A8CA0311A50D5EDC9C2AD2D067772A071E E
Malicious:	false
Preview:	Microsoft (R) .NET Framework Services Installation Utility Version 2.0.50727.8922..Copyright (c) Microsoft Corporation. All rights reserved.....USAGE: regsvcs.exe [options] AssemblyName..Options:.. /? or /help Display this usage message... /fc Find or create target application (default)... /c Create target application, error if it already exists... /exapp Expect an existing application... /tlb:<tlbfile> Filename for the exported type library... /appname:<name> Use the specified name for the target application... /parname:<name> Use the specified name or id for the target partition... /extlb Use an existing type library... /reconfig Reconfigure existing target application (default)... /noreconfig Don't reconfigure existing target application... /u Uninstall target application... /nologo Suppress logo output... /quiet Suppress logo output and success output...

Static File Info

General

File type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Entropy (8bit):	7.081994377848122
TrID:	• Win32 Executable (generic) Net Framework (10011505/4) 49.83% • Win32 Executable (generic) a (10002005/4) 49.78% • Generic CIL Executable (.NET, Mono, etc.) (73296/58) 0.36% • Generic Win/DOS Executable (2004/3) 0.01% • DOS Executable Generic (2002/1) 0.01%
File name:	Proforma invoice.exe
File size:	935936
MD5:	f21a47403b0e52b1b4abe5e55a5cb719
SHA1:	4a61f9e71430e8171de1953ee1655443e661a626
SHA256:	4afda0db963cde192e39839e8684735c5f1a229ffbbd567 4479845959d76ca86
SHA512:	a15330493f853f26f10e62941eab31a61852cff987773e96 405b1d73c4ba0a61a2136eab129243571a226b7c5dc745 41e5ad0e925f103831891c9046dc273c9a

Copyright Joe Security LLC 2021

General

SSDEEP:	12288:OsmPvpfwwzRQHGoXsp+uRYteSfoGC0VqE0ZLOfBWJwvmgurhOoHDe8P9E3AulToP:OsUJwwzRDoe+uSBzCKqE0ZLOoJw5i
File Content Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....PE..L.....`.....0..2.....P... ...`....@.. .....@.....

File Icon

Icon Hash:	00828e8e8686b000

Static PE Info

General

Entrypoint:	0x4e50ae
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
Time Stamp:	0x60C1D8B6 [Thu Jun 10 09:17:42 2021 UTC]
TLS Callbacks:	
CLR (.Net) Version:	v2.0.50727
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:	f34d5f2d4577ed6d9ceec516c1f5a744

Entrypoint Preview

Data Directories

Sections

Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.text	0x2000	0xe30b4	0xe3200	False	0.663963607595	data	7.0859237683	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.rsrc	0xe6000	0x10f8	0x1200	False	0.377170138889	data	4.9068764464	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0xe8000	0xc	0x200	False	0.044921875	data	0.101910425663	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ

Resources

Imports

Version Infos

Network Behavior

No network behavior found

Code Manipulations

Statistics

Behavior

Click to jump to process

System Behavior

Analysis Process: Proforma invoice.exe PID: 4824 Parent PID: 5676

General

Start time:	17:25:01
Start date:	10/06/2021
Path:	C:\Users\user\Desktop\Proforma invoice.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\Desktop\Proforma invoice.exe'
Imagebase:	0x810000
File size:	935936 bytes
MD5 hash:	F21A47403B0E52B1B4ABE5E55A5CB719
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000001.00000002.316461011.0000000003FC1000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000001.00000002.316461011.0000000003FC1000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000001.00000002.324553580.000000000D971000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000001.00000002.324553580.000000000D971000.00000004.00000001.sdmp, Author: Joe Security
Reputation:	low

File Activities

Show Windows behavior

File Created

File Deleted

File Written

File Read

Analysis Process: schtasks.exe PID: 3544 Parent PID: 4824

General

Start time:	17:25:48
Start date:	10/06/2021
Path:	C:\Windows\SysWOW64\schtasks.exe

Wow64 process (32bit):	true
Commandline:	'C:\Windows\System32\schtasks.exe' /Create /TN 'Updates\BrIEdqyxzN' /XML 'C:\Users\user\AppData\Local\Temp\tmp3BCD.tmp'
Imagebase:	0x3f0000
File size:	185856 bytes
MD5 hash:	15FF7D8324231381BAD48A052F85DF04
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities Show Windows behavior

File Read

Analysis Process: conhost.exe PID: 3548 Parent PID: 3544

General

Start time:	17:25:49
Start date:	10/06/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff6b2800000
File size:	625664 bytes
MD5 hash:	EA777DEEA782E8B4D7C7C33BBF8A4496
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: RegSvcs.exe PID: 1760 Parent PID: 4824

General

Start time:	17:25:50
Start date:	10/06/2021
Path:	C:\Windows\Microsoft.NET\Framework\v2.0.50727\RegSvcs.exe
Wow64 process (32bit):	true
Commandline:	{path}
Imagebase:	0xa50000
File size:	32768 bytes
MD5 hash:	71369277D09DA0830C8C59F9E22BB23A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	• Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000000F.00000002.471894624.0000000000402000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 0000000F.00000002.471894624.0000000000402000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000000F.00000000.312877821.0000000000402000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 0000000F.00000000.312877821.0000000000402000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000F.00000002.475063671.0000000003181000.00000004.00000001.sdmp, Author: Joe Security
Reputation:	moderate

File Activities

Show Windows behavior

File Created

File Written

File Read

Registry Activities

Show Windows behavior

Key Value Created

Analysis Process: newapp.exe PID: 5824 Parent PID: 3388

General

Start time:	17:26:20
Start date:	10/06/2021
Path:	C:\Users\user\AppData\Roaming\newapp\newapp.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\newapp\newapp.exe'
Imagebase:	0xfc0000
File size:	32768 bytes
MD5 hash:	71369277D09DA0830C8C59F9E22BB23A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Antivirus matches:	• Detection: 0%, Metadefender, Browse • Detection: 0%, ReversingLabs
Reputation:	moderate

File Activities

Show Windows behavior

File Created

File Written

File Read

Analysis Process: conhost.exe PID: 5708 Parent PID: 5824

General

Start time:	17:26:20
Start date:	10/06/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff6b2800000
File size:	625664 bytes
MD5 hash:	EA777DEEA782E8B4D7C7C33BBF8A4496
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: newapp.exe PID: 4588 Parent PID: 3388

General

Start time:	17:26:29
Start date:	10/06/2021
Path:	C:\Users\user\AppData\Roaming\newapp\newapp.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\newapp\newapp.exe'
Imagebase:	0x7ff6883e0000
File size:	32768 bytes
MD5 hash:	71369277D09DA0830C8C59F9E22BB23A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Reputation:	moderate

File Activities

Show Windows behavior

File Created

File Written

File Read

Analysis Process: conhost.exe PID: 1264 Parent PID: 4588

General

Start time:	17:26:30
Start date:	10/06/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff6b2800000
File size:	625664 bytes
MD5 hash:	EA777DEEA782E8B4D7C7C33BBF8A4496
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Disassembly

Code Analysis

Copyright Joe Security LLC

Copyright Joe Security LLC 2021