ID: 458964
Sample Name: DOC.exe
Cookbook: default.jbs
Time: 23:13:13
Date: 03/08/2021
Version: 33.0.0 White Diamond

Table of Contents

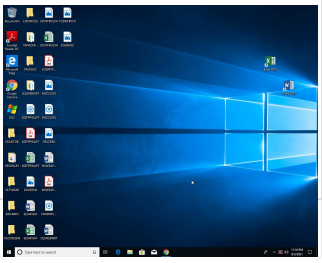
Windows Analysis Report DOC.exe

Overview

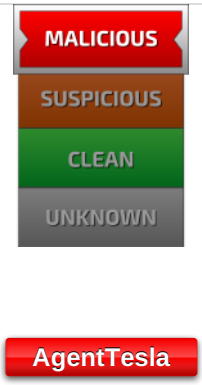
General Information

Sample Name:	DOC.exe
Analysis ID:	458964
MD5:	55be7e1a6d40eb..
SHA1:	25bd6cb389c1e6..
SHA256:	26ee0a35bca584..
Tags:	AgentTesla exe
Infos:	

Most interesting Screenshot:



Detection



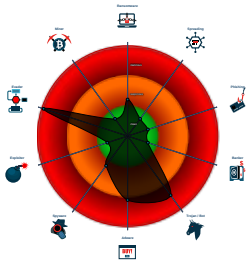
AgentTesla

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

Signatures

- 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 potentia…
- .NET source code contains very larg…
- .NET source code contains very larg…
- Hides that the sample has been dow…
- Injects a PE file into a foreign proce…
- Modifies the hosts file

Classification



Process Tree

- **System is w10x64**
- DOC.exe (PID: 4940 cmdline: 'C:\Users\user\Desktop\DOC.exe' MD5: 55BE7E1A6D40EB553A9053AF040F0A1C)
  - schtasks.exe (PID: 6004 cmdline: 'C:\Windows\System32\schtasks.exe' /Create /TN 'Updates\phDOuwVbtcmb' /XML 'C:\Users\user\AppData\Local\Temp\tmpFD9F.tmp' MD5: 15FF7D8324231381BAD48A052F85DF04)
    - conhost.exe (PID: 5624 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
  - RegSvcs.exe (PID: 5936 cmdline: {path} MD5: 2867A3817C9245F7CF518524DFD18F28)
  - RegSvcs.exe (PID: 5984 cmdline: {path} MD5: 2867A3817C9245F7CF518524DFD18F28)
- tKZVPq.exe (PID: 5524 cmdline: 'C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe' MD5: 2867A3817C9245F7CF518524DFD18F28)
  - conhost.exe (PID: 5436 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
- tKZVPq.exe (PID: 5052 cmdline: 'C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe' MD5: 2867A3817C9245F7CF518524DFD18F28)
  - conhost.exe (PID: 5400 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
- **cleanup**

Malware Configuration

Threatname: Agenttesla

```
{
  "Exfil Mode": "SMTP",
  "Username": "sales@moderntelco.com",
  "Password": "Sales@123$%",
  "Host": "mail.moderntelco.com"
}
```

Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000012.00000002.495444302.000000000402000.00000040.00000001.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
00000012.00000002.495444302.000000000402000.00000040.00000001.sdmp	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	

Source	Rule	Description	Author	Strings
00000000.00000002.335493379.000000000370 1000.00000004.00000001.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
00000000.00000002.335493379.000000000370 1000.00000004.00000001.sdmp	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
00000000.00000002.334373225.000000000350 9000.00000004.00000001.sdmp	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
Click to see the 7 entries				

Unpacked PEs

Source	Rule	Description	Author	Strings
18.2.RegSvcs.exe.400000.0.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
18.2.RegSvcs.exe.400000.0.unpack	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
0.2.DOC.exe.3618bc0.3.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
0.2.DOC.exe.3618bc0.3.unpack	JoeSecurity_AgentTesla_2	Yara detected AgentTesla	Joe Security	
0.2.DOC.exe.3618bc0.3.raw.unpack	JoeSecurity_AgentTesla_1	Yara detected AgentTesla	Joe Security	
Click to see the 1 entries				

Sigma Overview

No Sigma rule has matched

Jbx 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

Spam, unwanted Advertisements and Ransom Demands:

Modifies the hosts file

System Summary:

.NET source code contains very large array initializations

.NET source code contains very large strings

Data Obfuscation:

.NET source code contains potential unpacker

Boot Survival:

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

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

Modifies the hosts file

Writes to foreign memory regions

Lowering of HIPS / PFW / Operating System Security Settings:

Modifies the hosts file

Stealing of Sensitive Information:

Yara detected AgentTesla

Yara detected AgentTesla

Remote Access Functionality:

Yara detected AgentTesla

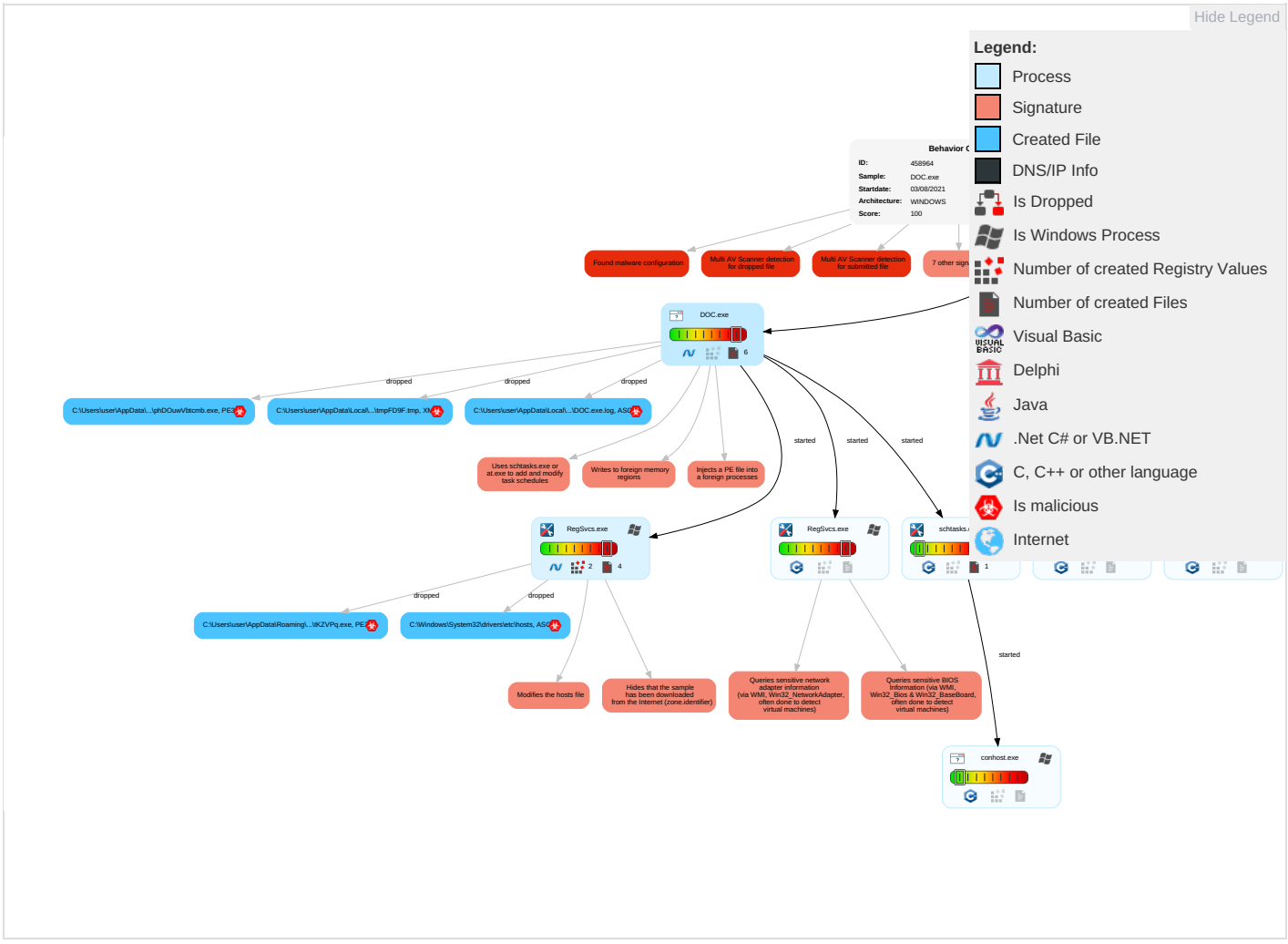
Yara detected AgentTesla

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	OS Credential Dumping	Query Registry 1	Remote Services	Archive Collected Data 1 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	File and Directory Permissions Modification 1	LSASS Memory	Security Software Discovery 3 1 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Junk Data
Domain Accounts	At (Linux)	Logon Script (Windows)	Registry Run Keys / Startup Folder 1	Disable or Modify Tools 1	Security Account Manager	Process Discovery 2	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Steganography
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Virtualization/Sandbox Evasion 1 3 1	NTDS	Virtualization/Sandbox Evasion 1 3 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Process Injection 2 1 2	LSA Secrets	Application Window Discovery 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Deobfuscate/Decode Files or Information 1	Cached Domain Credentials	File and Directory Discovery 1	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication
External Remote Services	Scheduled Task	Startup Items	Startup Items	Hidden Files and Directories 1	DCSync	System Information Discovery 1 1 3	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Obfuscated Files or Information 2	Proc Filesystem	Network Service Scanning	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol
Exploit Public-Facing Application	PowerShell	At (Linux)	At (Linux)	Software Packing 1 3	/etc/passwd and /etc/shadow	System Network Connections Discovery	Software Deployment Tools	Data Staged	Exfiltration Over Asymmetric Encrypted Non-C2 Protocol	Web Protocols

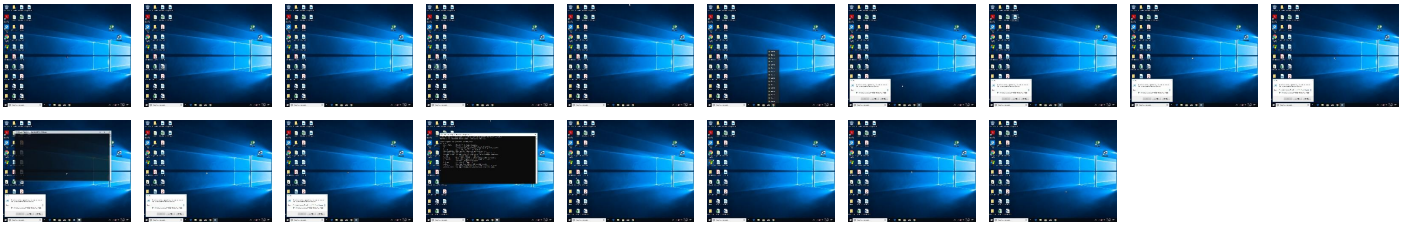
Behavior Graph



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
DOC.exe	41%	Virustotal		Browse
DOC.exe	40%	Metadefender		Browse
DOC.exe	75%	ReversingLabs	ByteCode-MSIL.Trojan.AgentTesla	

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Users\user\AppData\Roaming\phDOuwVbtcmb.exe	40%	Metadefender		Browse
C:\Users\user\AppData\Roaming\phDOuwVbtcmb.exe	75%	ReversingLabs	ByteCode-MSIL.Trojan.AgentTesla	
C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe	0%	Metadefender		Browse
C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe	0%	ReversingLabs		

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
18.2.RegSvcs.exe.400000.0.unpack	100%	Avira	TR/Spy.Gen8		Download File

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://www.jiyu-kobo.co.jp/://w	0%	Avira URL Cloud	safe	
http://127.0.0.1:HTTP/1.1	0%	Avira URL Cloud	safe	
http://www.sajatypeworks.comiv	0%	URL Reputation	safe	
http://www.sajatypeworks.com2	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/bThe	0%	URL Reputation	safe	
http://eekQoy.com	0%	Avira URL Cloud	safe	
http://www.sajatypeworks.com6	0%	Avira URL Cloud	safe	
http://www.fontbureau.comd9	0%	Avira URL Cloud	safe	
http://www.founder.com.cn/cnT	0%	Avira URL Cloud	safe	
http://www.fontbureau.comFG	0%	Avira URL Cloud	safe	
http://www.tiro.com	0%	URL Reputation	safe	
http://www.goodfont.co.kr	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/~	0%	URL Reputation	safe	
http://www.sajatypeworks.com	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.galapagosdesign.com/staff/dennis.htm	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp//typ	0%	Avira URL Cloud	safe	
http://fontfabrik.com	0%	URL Reputation	safe	
http://www.fontbureau.comldva	0%	Avira URL Cloud	safe	
http://www.galapagosdesign.com/DPlease	0%	URL Reputation	safe	
http://www.sandoll.co.kr	0%	URL Reputation	safe	
http://www.urwpp.deDPlease	0%	URL Reputation	safe	
http://www.zhongyicts.com.cn	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://www.fontbureau.comTTFF	0%	Avira URL Cloud	safe	
http://www.founder.com.cn/cnr-f	0%	Avira URL Cloud	safe	
http://www.founder.com.cn/cnd	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/Z	0%	URL Reputation	safe	
http://DynDns.comDynDNS	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/U	0%	URL Reputation	safe	
http://www.sajatypeworks.comt	0%	URL Reputation	safe	
http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/G	0%	URL Reputation	safe	
http://en.wikipedia	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/jp/	0%	URL Reputation	safe	
http://www.fontbureau.coma	0%	URL Reputation	safe	
http://www.fontbureau.comd	0%	URL Reputation	safe	
http://www.fontbureau.come.com	0%	URL Reputation	safe	
http://www.carterandcone.coml	0%	URL Reputation	safe	
http://www.founder.com.cn/cn	0%	URL Reputation	safe	
http://www.founder.com.cn/cn6	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/http	0%	Avira URL Cloud	safe	
http://en.w3	0%	Avira URL Cloud	safe	
http://www.jiyu-kobo.co.jp/	0%	URL Reputation	safe	
http://www.fontbureau.comalic	0%	URL Reputation	safe	
http://www.founder.com.cn/cn(	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:	33.0.0 White Diamond
Analysis ID:	458964
Start date:	03.08.2021
Start time:	23:13:13
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 8m 51s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	DOC.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:	30
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.adwa.evad.winEXE@12/8@0/0
EGA Information:	Failed
HDC Information:	• Successful, ratio: 0.4% (good quality ratio 0.4%) • Quality average: 100% • Quality standard deviation: 0%
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

Simulations

Behavior and APIs

Time	Type	Description
23:15:00	API Interceptor	498x Sleep call for process: RegSvcs.exe modified
23:15:11	Autostart	Run: HKCU\Software\Microsoft\Windows\CurrentVersion\Run tKZVPq C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe
23:15:19	Autostart	Run: HKCU64\Software\Microsoft\Windows\CurrentVersion\Run tKZVPq C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.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\tKZVPq\tKZVPq.exe	PI A19T010620.exe	Get hash	malicious	Browse	
	Swift Copy.exe	Get hash	malicious	Browse	
	SOA.exe	Get hash	malicious	Browse	
	POSH service quotation.exe	Get hash	malicious	Browse	
	SOA.exe	Get hash	malicious	Browse	
	epda.exe	Get hash	malicious	Browse	
	POSH service quotation..exe	Get hash	malicious	Browse	
	SWIFT REF GO 20210730SFT21020137.exe	Get hash	malicious	Browse	
	HJKcEjrUuzYMV9X.exe	Get hash	malicious	Browse	
	est pda.exe	Get hash	malicious	Browse	
	BL COPY.exe	Get hash	malicious	Browse	
	DOC.exe	Get hash	malicious	Browse	
	statement.exe	Get hash	malicious	Browse	
	PO-K-128 IAN 340854.exe	Get hash	malicious	Browse	
	PO#4500484210.exe	Get hash	malicious	Browse	
	Invoice no SS21-22185.exe	Get hash	malicious	Browse	
	SQycD6hL4Y.exe	Get hash	malicious	Browse	
	Aggiornamento ordine Quantit#U00e0__BFM Srl 117-28050-01.exe	Get hash	malicious	Browse	
	PAYMENT INSTRUCTIONS COPY.exe	Get hash	malicious	Browse	
	FINAL SHIPPING DOC..exe	Get hash	malicious	Browse	

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\DOC.exe.log

Process:	C:\Users\user\Desktop\DOC.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1216
Entropy (8bit):	5.355304211458859
Encrypted:	false
SSDEEP:	24:MLUE4K5E4Ks2E1qE4qXKDE4KhK3VZ9pKhPKIE4oKFKHKoZAE4Kzr7FE4x84j:MIHK5HKXE1qHiYHKhQnoPtHoxHhAHKzr
MD5:	FED34146BF2F2FA59DCF8702FCC8232E
SHA1:	B03BFEA175989D989850CF06FE5E7BBF56EAA00A
SHA-256:	123BE4E3590609A008E85501243AF5BC53FA0C26C82A92881B8879524F8C0D5C
SHA-512:	1CC89F2ED1DBD70628FA1DC41A32BA0BFA3E81EAE1A1CF3C5F6A48F2DA0BF1F21A5001B8A18B04043C5B8FE4FBE663068D86AA8C4BD8E17933F75687C3178F F6
Malicious:	**true**
Reputation:	high, very likely benign file

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\DOC.exe.log	
Preview:	1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..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..2,"System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..3,"System.Core, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\f1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"System.Configuration, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll",0..3,"System.Xml, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\b219d4630d26b88041b59c21

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\tKZVPq.exe.log	
Process:	C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe
File Type:	ASCII text, with CRLF line terminators
Category:	modified
Size (bytes):	142
Entropy (8bit):	5.090621108356562
Encrypted:	false
SSDEEP:	3:QHXMKa/xwwUC7WglAFXMWA2yTMGfsbNRLFS9Am12MFuAvOAsDeieVyn:Q3La/xwczlAFXMWTyAGCDLIP12MUAvvw
MD5:	8C0458BB9EA02D50565175E38D577E35
SHA1:	F0B50702CD6470F3C17D637908F83212FDBDB2F2
SHA-256:	C578E86DB701B9AFA3626E804CF434F9D32272FF59FB32FA9A51835E5A148B53
SHA-512:	804A47494D9A462FFA6F39759480700ECBE5A7F3A15EC3A6330176ED9C04695D2684BF6BF85AB86286D52E7B727436D0BB2E8DA96E20D47740B5CE3F856B5D0F
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"System.EnterpriseServices, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..

C:\Users\user\AppData\Local\Temp\tmpFD9F.tmp	
Process:	C:\Users\user\Desktop\DOC.exe
File Type:	XML 1.0 document, ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1649
Entropy (8bit):	5.173181994114527
Encrypted:	false
SSDEEP:	24:2dH4+SEqC/a7hTlNMFpH/rlMhEMjnGpwjpIgUYODOLD9RJh7h8gKBZqtn:cbhC7ZlNQF/rydbz9I3YODOLNdq3c
MD5:	46FF7029D50E7EA20AE3AF5D8262D40B
SHA1:	03533697D13396465EAE64F54B91E4A298888B79
SHA-256:	C7273868F90F42DD427128D64913D673E6041B413BD08BD2F81766335BF790EB
SHA-512:	CB8E523C80B9E664D553D799C94AEC6BE3484CE0ADB446AD56B08055B8498EF40A420A75951E0406D88F58FFE83439469C2E6B6A10F0AF7FCCB7628296126F93
Malicious:	**true**
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>t

C:\Users\user\AppData\Roaming\phDOuwVbtcmb.exe	
Process:	C:\Users\user\Desktop\DOC.exe
File Type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Category:	dropped
Size (bytes):	827392
Entropy (8bit):	6.923955794807188
Encrypted:	false
SSDEEP:	12288:kTfMMFw2iNv4sgMMAd2hFbRaWtI/LO6S9Yqj:0jFw1ushLEhFbMWC/Zx
MD5:	55BE7E1A6D40EB553A9053AF040F0A1C
SHA1:	25BD6CB389C1E6512F4D8165BF3C3FA7C766AB89
SHA-256:	26EE0A35BCA584B44BDCC03B68A35407265BC3E696BEAB9F2253E41529A547C0
SHA-512:	98F008AE51A45DADEFBC3D0F577CC384F14DE4EBBFFFB61A5222A82657FA75A5F875FA7D53850D79B300E0F40805BC26117D1C26817D776871BCB4852627FFF
Malicious:	**true**
Antivirus:	• Antivirus: Metadefender, Detection: 40%, Browse • Antivirus: ReversingLabs, Detection: 75%
Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....PE..L...]..a.....0..d...:..... .....@.. ..... .@.....p...O.....7..... ..... .H.....text....b... ...d..... ..`.rsrc....7.....8...f.....@..@.relo c.....@..B.....H.....@...pd.....:.....f.....0.....r...p.+..*".(....*.0..x.....}.....(.....(.....r...po.....{....r...po.....{....r...po..... {....r...po.....{....r...po.....{....r...po.....*..*..0..+.....,..{.....+.....,..{....o.....(....*..0..$.....(....s.....s...}.....s...}.....s...}.....s...}.....s...}.....s ...}.....s!...}.....s"...}.....s#...}. ....s#...}.....s#...}.....s#...}.....s#...}.....s#...}.....

C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe	
Process:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegSvcs.exe
File Type:	PE32 executable (console) Intel 80386 Mono/.Net assembly, for MS Windows
Category:	dropped
Size (bytes):	45152
Entropy (8bit):	6.149629800481177
Encrypted:	false
SSDEEP:	768:bBbSoy+SdIBf0k2dsYyV6Iq87PiU9FViaLmf:EoOIBf0ddsYy8LUjVBC
MD5:	2867A3817C9245F7CF518524DFD18F28
SHA1:	D7BA2A111CEDD5BF523224B3F1CFE58EEC7C2FDC
SHA-256:	43026DCFF238F20CFF0419924486DEE45178119CFDD0D366B79D67D950A9BF50
SHA-512:	7D3D3DBB42B7966644D716AA9CBC75327B2ACB02E43C61F1DAD4AFE5521F9FE248B33347DFE15B637FB33EB97CDB322BCAEAE08BAE3F2FD863A9AD9B3A4D B42
Malicious:	**true**
Antivirus:	• Antivirus: Metadefender, Detection: 0%, Browse • Antivirus: ReversingLabs, Detection: 0%
Joe Sandbox View:	• Filename: PI A19T010620.exe, Detection: malicious, Browse • Filename: Swift Copy.exe, Detection: malicious, Browse • Filename: SOA.exe, Detection: malicious, Browse • Filename: POSH service quotation.exe, Detection: malicious, Browse • Filename: SOA.exe, Detection: malicious, Browse • Filename: epda.exe, Detection: malicious, Browse • Filename: POSH service quotation..exe, Detection: malicious, Browse • Filename: SWIFT REF GO 20210730SFT21020137.exe, Detection: malicious, Browse • Filename: HJKcEjrUuzYMV9X.exe, Detection: malicious, Browse • Filename: est pda.exe, Detection: malicious, Browse • Filename: BL COPY.exe, Detection: malicious, Browse • Filename: DOC.exe, Detection: malicious, Browse • Filename: statement.exe, Detection: malicious, Browse • Filename: PO-K-128 IAN 340854.exe, Detection: malicious, Browse • Filename: PO#4500484210.exe, Detection: malicious, Browse • Filename: Invoice no SS21-22185.exe, Detection: malicious, Browse • Filename: SQycD6hL4Y.exe, Detection: malicious, Browse • Filename: Aggiornamento ordine Quantit#U00e0__BFM Srl 117-28050-01.exe, Detection: malicious, Browse • Filename: PAYMENT INSTRUCTIONS COPY.exe, Detection: malicious, Browse • Filename: FINAL SHIPPING DOC..exe, Detection: malicious, Browse
Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....PE..L...zX.Z.....0..d.....V.... .....@.. .....".. ..`.....O.....8.....r..`>..... ....H.....text...\c... ...d..... ..`.rsrc...8.....f.....@..@.reloc..... .....p.....@..B.....8.....H.....+...S.....|...P.....r...p(....*2.(....(....*z..r...p(....(....(.....}....*..{....*.s.....*.0..{.....Q.-.s.....+i~....o....(..... s.....o.....r!..p..(....Q.P,:.P.....(....o....o .....(....o!...o".....,..o#...t.....*..0..(..... ....s$.....o%....X..(....-..*.o&...*.0.....('.....&.....*.*.....0.....(.....&.....*..... .....0.....(.....(....~.....,(....~....o....9]...

C:\Windows\System32\drivers\etc\hosts	
Process:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegSvcs.exe
File Type:	ASCII text, with CRLF line terminators
Category:	modified
Size (bytes):	11
Entropy (8bit):	2.663532754804255
Encrypted:	false
SSDEEP:	3:iLE:iLE
MD5:	B24D295C1F84ECBFB566103374FB91C5
SHA1:	6A750D3F8B45C240637332071D34B403FA1FF55A
SHA-256:	4DC7B65075FBC5B5421551F0CB814CAFDC8CACA5957D393C222EE388B6F405F4
SHA-512:	9BE279BFA70A859608B50EF5D30BF2345F334E5F433C410EA6A188DCAB395BFF50C95B165177E59A29261464871C11F903A9ECE55B2D900FE49A9F3C49EB88FA
Malicious:	**true**
Preview:	..127.0.0.1

\Device\ConDrv	
Process:	C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1141
Entropy (8bit):	4.44831826838854
Encrypted:	false
SSDEEP:	24:zKLXkb4DObntKlglUEnfQtvNuNpKOK5aM9YJC:zKL0b4DQntKKH1MqJC
MD5:	1AEB3A784552CFD2AEDEDC1D43A97A4F
SHA1:	804286AB9F8B3DE053222826A69A7CDA3492411A
SHA-256:	0BC438F4B1208E1390C12D375B6CBB08BF47599D1F24BD07799BB1DF384AA293
SHA-512:	5305059BA86D5C2185E590EC036044B2A17ED9FD9863C2E3C7E7D8035EF0C79E53357AF5AE735F7D432BC70156D4BD3ACB42D100CFB05C2FB669EA22368F141
Malicious:	false

\Device\ConDrv	
Preview:	Microsoft (R) .NET Framework Services Installation Utility Version 4.7.3056.0..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 Re configure existing target application (default)... /noreconfig Don't reconfigure existing target application... /u Uninstall target application... /nologo S uppress logo output... /quiet Suppress logo output and success output... /c

Static File Info

General

File type:	PE32 executable (GUI) Intel 80386 Mono/.Net assemb ly, for MS Windows
Entropy (8bit):	6.923955794807188
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:	DOC.exe
File size:	827392
MD5:	55be7e1a6d40eb553a9053af040f0a1c
SHA1:	25bd6cb389c1e6512f4d8165bf3c3fa7c766ab89
SHA256:	26ee0a35bca584b44bdcc03b68a35407265bc3e696beab 9f2253e41529a547c0
SHA512:	98f008ae51a45dadefbc3d0f577cc384f14de4ebbfffb61a5 222a82657fa75a5f875fa7d53850d79b300e0f40805bc26 117d1c26817d776871bcb4852627fffa
SSDEEP:	12288:kTfMMFw2iNv4sgMMAd2hFbRaWtl/LO6S9Yqj:0j Fw1ushLEhFbMWC/Zx
File Content Preview:	MZ.....@.....!..L.!Th is program cannot be run in DOS mode....$.....PE..L...]. .a.....0..d...:..... .....@.. ..... .@.....

File Icon

Icon Hash:	18bc8cc4c6c2e120

Static PE Info

General

Entrypoint:	0x4982c2
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:	0x6100D35D [Wed Jul 28 03:47:41 2021 UTC]
TLS Callbacks:	
CLR (.Net) Version:	v4.0.30319
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	0x962c8	0x96400	False	0.70904937084	data	7.25993057149	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.rsrc	0x9a000	0x337fc	0x33800	False	0.509865177488	data	5.58948919804	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0xce000	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: DOC.exe PID: 4940 Parent PID: 5612

General

Start time:	23:14:01
Start date:	03/08/2021
Path:	C:\Users\user\Desktop\DOC.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\Desktop\DOC.exe'
Imagebase:	0x80000
File size:	827392 bytes
MD5 hash:	55BE7E1A6D40EB553A9053AF040F0A1C
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: 00000000.00000002.335493379.0000000003701000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000000.00000002.335493379.0000000003701000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000000.00000002.334373225.0000000003509000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000000.00000002.334373225.0000000003509000.00000004.00000001.sdmp, Author: Joe Security
Reputation:	low

File Activities

Show Windows behavior

File Created

File Deleted

File Written

File Read

Analysis Process: schtasks.exe PID: 6004 Parent PID: 4940

General

Start time:	23:14:48
Start date:	03/08/2021
Path:	C:\Windows\SysWOW64\schtasks.exe
Wow64 process (32bit):	true
Commandline:	'C:\Windows\System32\schtasks.exe' /Create /TN 'Updates\phDOuwVbtcmb' /XML 'C:\Users\user\AppData\Local\Temp\tmpFD9F.tmp'
Imagebase:	0x1330000
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: 5624 Parent PID: 6004

General

Start time:	23:14:49
Start date:	03/08/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff7ecfc0000
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: 5936 Parent PID: 4940

General

Start time:	23:14:50
Start date:	03/08/2021
Path:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegSvcs.exe
Wow64 process (32bit):	false
Commandline:	{path}
Imagebase:	0x160000
File size:	45152 bytes
MD5 hash:	2867A3817C9245F7CF518524DFD18F28
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: RegSvcs.exe PID: 5984 Parent PID: 4940

General

Start time:	23:14:50
Start date:	03/08/2021
Path:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegSvcs.exe
Wow64 process (32bit):	true
Commandline:	{path}
Imagebase:	0xe00000
File size:	45152 bytes
MD5 hash:	2867A3817C9245F7CF518524DFD18F28
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: 00000012.00000002.495444302.0000000000402000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_2, Description: Yara detected AgentTesla, Source: 00000012.00000002.495444302.0000000000402000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000012.00000002.501619417.00000000030C1000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000012.00000002.501619417.00000000030C1000.00000004.00000001.sdmp, Author: Joe Security
Reputation:	high

File Activities

Show Windows behavior

File Created

File Written

File Read

Registry Activities

Show Windows behavior

Key Value Created

Analysis Process: tKZVPq.exe PID: 5524 Parent PID: 3472

General

Start time:	23:15:19
Start date:	03/08/2021
Path:	C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe'
Imagebase:	0x540000
File size:	45152 bytes
MD5 hash:	2867A3817C9245F7CF518524DFD18F28
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:	high

File Activities

Show Windows behavior

File Created

File Written

File Read

Analysis Process: conhost.exe PID: 5436 Parent PID: 5524

General

Start time:	23:15:20
Start date:	03/08/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff7ecfc0000
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: tKZVPq.exe PID: 5052 Parent PID: 3472

General

Start time:	23:15:27
Start date:	03/08/2021
Path:	C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\tKZVPq\tKZVPq.exe'
Imagebase:	0xda0000
File size:	45152 bytes
MD5 hash:	2867A3817C9245F7CF518524DFD18F28
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET

Reputation:	high

File Activities Show Windows behavior

File Written

File Read

Analysis Process: conhost.exe PID: 5400 Parent PID: 5052

General

Start time:	23:15:28
Start date:	03/08/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff7ecfc0000
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