

JOeSandbox Cloud BASIC



ID: 319520

Sample Name: HLiw2LPA8i.rtf

Cookbook:

defaultwindowsofficecookbook.jbs

Time: 11:53:59

Date: 18/11/2020

Version: 31.0.0 Red Diamond

Table of Contents

Table of Contents	2
Analysis Report HLIw2LPA8i.rtf	5
Overview	5
General Information	5
Detection	5
Signatures	5
Classification	5
Startup	5
Malware Configuration	5
Threatname: NanoCore	5
Yara Overview	6
Memory Dumps	6
Unpacked PEs	6
Sigma Overview	7
System Summary:	7
Signature Overview	7
AV Detection:	7
Exploits:	8
E-Banking Fraud:	8
System Summary:	8
Boot Survival:	8
Hooking and other Techniques for Hiding and Protection:	8
Malware Analysis System Evasion:	8
HIPS / PFW / Operating System Protection Evasion:	8
Stealing of Sensitive Information:	8
Remote Access Functionality:	8
Mitre Att&ck Matrix	8
Behavior Graph	9
Screenshots	10
Thumbnails	10
Antivirus, Machine Learning and Genetic Malware Detection	11
Initial Sample	11
Dropped Files	11
Unpacked PE Files	11
Domains	12
URLs	12
Domains and IPs	12
Contacted Domains	12
Contacted URLs	12
URLs from Memory and Binaries	12
Contacted IPs	12
Public	13
General Information	13
Simulations	14
Behavior and APIs	14
Joe Sandbox View / Context	14
IPs	14
Domains	15
ASN	15
JA3 Fingerprints	16
Dropped Files	16
Created / dropped Files	16
Static File Info	20
General	20
File Icon	21
Static RTF Info	21

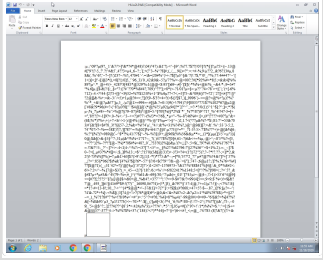
Objects	21
Network Behavior	21
Snort IDS Alerts	21
Network Port Distribution	21
TCP Packets	22
UDP Packets	23
DNS Queries	24
DNS Answers	24
HTTP Request Dependency Graph	24
HTTP Packets	24
Code Manipulations	25
Statistics	25
Behavior	25
System Behavior	26
Analysis Process: WINWORD.EXE PID: 2444 Parent PID: 584	26
General	26
File Activities	26
File Created	26
File Deleted	26
File Moved	26
File Read	26
Registry Activities	27
Key Created	27
Key Value Created	27
Key Value Modified	30
Analysis Process: EQNEDT32.EXE PID: 2428 Parent PID: 584	35
General	35
File Activities	35
Registry Activities	35
Key Created	35
Analysis Process: vbc.exe PID: 2528 Parent PID: 2428	35
General	35
File Activities	36
File Created	36
File Written	36
File Read	36
Registry Activities	37
Key Created	37
Key Value Created	37
Analysis Process: EQNEDT32.EXE PID: 2840 Parent PID: 584	37
General	37
File Activities	37
Registry Activities	37
Analysis Process: vbc.exe PID: 3024 Parent PID: 2528	37
General	38
Analysis Process: vbc.exe PID: 2956 Parent PID: 2528	38
General	38
File Activities	38
File Created	38
File Deleted	39
File Written	39
File Read	41
Registry Activities	41
Key Value Created	41
Analysis Process: schtasks.exe PID: 2256 Parent PID: 2956	42
General	42
File Activities	42
File Read	42
Analysis Process: schtasks.exe PID: 1552 Parent PID: 2956	42
General	42
File Activities	42
File Read	42
Analysis Process: taskeng.exe PID: 620 Parent PID: 860	43
General	43
File Activities	43
File Read	43
Registry Activities	43
Key Value Created	43
Analysis Process: vbc.exe PID: 2016 Parent PID: 620	43
General	43
File Activities	44
File Created	44
File Read	44

Analysis Process: smtpsvc.exe PID: 1164 Parent PID: 620	44
General	44
File Activities	45
File Created	45
File Read	45
Analysis Process: vlc.exe PID: 2524 Parent PID: 1388	45
General	45
Analysis Process: smtpsvc.exe PID: 1108 Parent PID: 1388	46
General	46
Analysis Process: vlc.exe PID: 2796 Parent PID: 1388	46
General	46
Analysis Process: vbc.exe PID: 1520 Parent PID: 2016	46
General	46
Analysis Process: vbc.exe PID: 2340 Parent PID: 2016	47
General	47
Analysis Process: vlc.exe PID: 2152 Parent PID: 2524	47
General	47
Analysis Process: smtpsvc.exe PID: 1744 Parent PID: 1164	48
General	48
Analysis Process: smtpsvc.exe PID: 2040 Parent PID: 1108	48
General	48
Analysis Process: vlc.exe PID: 2232 Parent PID: 2796	49
General	49
Disassembly	49
Code Analysis	49

Analysis Report HLIw2LPA8i.rtf

Overview

General Information

Sample Name:	HLiw2LPA8i.rtf
Analysis ID:	319520
MD5:	41820dc68297b8..
SHA1:	5292d196dffee7a..
SHA256:	216e0f960afa28b..
Tags:	NanoCore rtf
Most interesting Screenshot:	

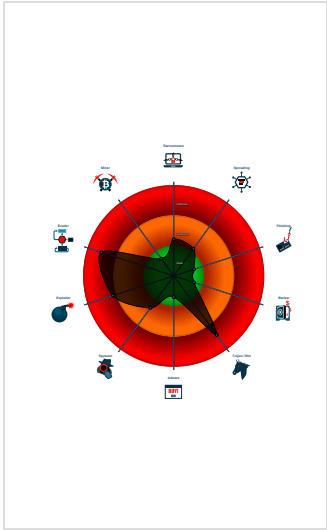
Detection

MALICIOUS SUSPICIOUS CLEAN UNKNOWN Nanocore	Score: 100 Range: 0 - 100 Whitelisted: false Confidence: 100%
--	---

Signatures

Detected Nanocore Rat Found malware configuration Malicious sample detected (through ... Multi AV Scanner detection for dropp... Multi AV Scanner detection for subm... Sigma detected: Droppers Exploiting... Sigma detected: EQNEDT32.EXE c... Sigma detected: File Dropped By EQ... Sigma detected: NanoCore Sigma detected: Scheduled temp file... Yara detected AntiVM_3 Yara detected Nanocore RAT Drops PF files to the user root direc...
--

Classification



Startup

System is w7x64 WINWORD.EXE (PID: 2444 cmdline: 'C:\Program Files\Microsoft Office\Office14\WINWORD.EXE' /Automation -Embedding MD5: 95C38D04597050285A18F66039EDB456) EQNEDT32.EXE (PID: 2428 cmdline: 'C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE' -Embedding MD5: A87236E214F6D42A65F5DEDAC816AEC8) vbc.exe (PID: 2528 cmdline: 'C:\Users\Public\vbc.exe' MD5: 678DAC5FC4C6A55F032BA40698895E6A) vbc.exe (PID: 3024 cmdline: 'C:\Users\Public\vbc.exe MD5: 678DAC5FC4C6A55F032BA40698895E6A) vbc.exe (PID: 2956 cmdline: 'C:\Users\Public\vbc.exe MD5: 678DAC5FC4C6A55F032BA40698895E6A) schtasks.exe (PID: 2256 cmdline: 'schtasks.exe' /create /f /tn 'SMTP Service' /xml 'C:\Users\user\AppData\Local\Temp\tmp759D.tmp' MD5: 2003E9B15E1C502B146DAD2E383AC1E3) schtasks.exe (PID: 1552 cmdline: 'schtasks.exe' /create /f /tn 'SMTP Service Task' /xml 'C:\Users\user\AppData\Local\Temp\tmp785C.tmp' MD5: 2003E9B15E1C502B146DAD2E383AC1E3) EQNEDT32.EXE (PID: 2840 cmdline: 'C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE' -Embedding MD5: A87236E214F6D42A65F5DEDAC816AEC8) taskeng.exe (PID: 620 cmdline: taskeng.exe {3F163B95-C921-42AE-AFC4-E420462D2554} S-1-5-21-966771315-3019405637-367336477-1006:user-PC\user:Interactive:[1] MD5: 65EA57712340C09B1B0C427B4848AE05) vbc.exe (PID: 2016 cmdline: 'C:\Users\Public\vbc.exe 0 MD5: 678DAC5FC4C6A55F032BA40698895E6A) vbc.exe (PID: 1520 cmdline: 'C:\Users\Public\vbc.exe MD5: 678DAC5FC4C6A55F032BA40698895E6A) vbc.exe (PID: 2340 cmdline: 'C:\Users\Public\vbc.exe MD5: 678DAC5FC4C6A55F032BA40698895E6A) smtpsvc.exe (PID: 1164 cmdline: 'C:\Program Files (x86)\SMTP Service\smtpsvc.exe' 0 MD5: 678DAC5FC4C6A55F032BA40698895E6A) smtpsvc.exe (PID: 1744 cmdline: 'C:\Program Files (x86)\SMTP Service\smtpsvc.exe MD5: 678DAC5FC4C6A55F032BA40698895E6A) vlc.exe (PID: 2524 cmdline: 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe' MD5: 678DAC5FC4C6A55F032BA40698895E6A) vlc.exe (PID: 2152 cmdline: 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe MD5: 678DAC5FC4C6A55F032BA40698895E6A) smtpsvc.exe (PID: 1108 cmdline: 'C:\Program Files (x86)\SMTP Service\smtpsvc.exe' MD5: 678DAC5FC4C6A55F032BA40698895E6A) smtpsvc.exe (PID: 2040 cmdline: 'C:\Program Files (x86)\SMTP Service\smtpsvc.exe MD5: 678DAC5FC4C6A55F032BA40698895E6A) vlc.exe (PID: 2796 cmdline: 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe' MD5: 678DAC5FC4C6A55F032BA40698895E6A) vlc.exe (PID: 2232 cmdline: 'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe MD5: 678DAC5FC4C6A55F032BA40698895E6A) cleanup
--

Malware Configuration

Threatname: NanoCore

```
{
  "C2": "": [
    "192.253.246.143"
  ],
  "Version": "": "NanoCore Client, Version=1.2.2.0"
}
```

Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000016.00000002.2320144510.00000000026 71000.00000004.00000001.sdmp	JoeSecurity_Nanocore	Yara detected Nanocore RAT	Joe Security	
00000016.00000002.2320144510.00000000026 71000.00000004.00000001.sdmp	NanoCore	unknown	Kevin Breen <kevin@technarchy.net>	0x24ea7:\$a: NanoCore 0x24f00:\$a: NanoCore 0x24f3d:\$a: NanoCore 0x24fb6:\$a: NanoCore 0x24f09:\$b: ClientPlugin 0x24f46:\$b: ClientPlugin 0x25844:\$b: ClientPlugin 0x25851:\$b: ClientPlugin 0x1b033:\$e: KeepAlive 0x25391:\$g: LogClientMessage 0x25311:\$i: get_Connected 0x152dd:\$j: #=q 0x1530d:\$j: #=q 0x15349:\$j: #=q 0x15371:\$j: #=q 0x153a1:\$j: #=q 0x153d1:\$j: #=q 0x15401:\$j: #=q 0x15431:\$j: #=q 0x1544d:\$j: #=q 0x1547d:\$j: #=q
00000018.00000002.2357810683.00000000004 02000.00000040.00000001.sdmp	Nanocore_RAT_Gen_2	Detetcs the Nanocore RAT	Florian Roth	0xff8d:\$x1: NanoCore.ClientPluginHost 0xffca:\$x2: IClientNetworkHost 0x13afd:\$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJlLdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe
00000018.00000002.2357810683.00000000004 02000.00000040.00000001.sdmp	JoeSecurity_Nanocore	Yara detected Nanocore RAT	Joe Security	
00000018.00000002.2357810683.00000000004 02000.00000040.00000001.sdmp	NanoCore	unknown	Kevin Breen <kevin@technarchy.net>	0xfcf5:\$a: NanoCore 0xfd05:\$a: NanoCore 0xff39:\$a: NanoCore 0xff4d:\$a: NanoCore 0xff8d:\$a: NanoCore 0xfd54:\$b: ClientPlugin 0xff56:\$b: ClientPlugin 0xff96:\$b: ClientPlugin 0xfe7b:\$c: ProjectData 0x10882:\$d: DESCrypto 0x1824e:\$e: KeepAlive 0x1623c:\$g: LogClientMessage 0x12437:\$i: get_Connected 0x10bb8:\$j: #=q 0x10be8:\$j: #=q 0x10c04:\$j: #=q 0x10c34:\$j: #=q 0x10c50:\$j: #=q 0x10c6c:\$j: #=q 0x10c9c:\$j: #=q 0x10cb8:\$j: #=q

Click to see the 67 entries

Unpacked PEs

Source	Rule	Description	Author	Strings
23.2.smtpsvc.exe.400000.1.unpack	Nanocore_RAT_Gen_2	Detetcs the Nanocore RAT	Florian Roth	0x1018d:\$x1: NanoCore.ClientPluginHost 0x101ca:\$x2: IClientNetworkHost 0x13cfd:\$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJlLdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe
23.2.smtpsvc.exe.400000.1.unpack	Nanocore_RAT_Feb18_1	Detects Nanocore RAT	Florian Roth	0xff05:\$x1: NanoCore Client.exe 0x1018d:\$x2: NanoCore.ClientPluginHost 0x117c6:\$s1: PluginCommand 0x117ba:\$s2: FileCommand 0x1266b:\$s3: PipeExists 0x18422:\$s4: PipeCreated 0x101b7:\$s5: IClientLoggingHost

Source	Rule	Description	Author	Strings
23.2.smtpsvc.exe.400000.1.unpack	JoeSecurity_Nanocore	Yara detected Nanocore RAT	Joe Security	
23.2.smtpsvc.exe.400000.1.unpack	NanoCore	unknown	Kevin Breen <kevin@techanarchy.net>	• 0xfef5:\$a: NanoCore • 0xff05:\$a: NanoCore • 0x10139:\$a: NanoCore • 0x1014d:\$a: NanoCore • 0x1018d:\$a: NanoCore • 0xff54:\$b: ClientPlugin • 0x10156:\$b: ClientPlugin • 0x10196:\$b: ClientPlugin • 0x1007b:\$c: ProjectData • 0x10a82:\$d: DESCrypto • 0x1844e:\$e: KeepAlive • 0x1643c:\$g: LogClientMessage • 0x12637:\$i: get_Connected • 0x10db8:\$j: #=q • 0x10de8:\$j: #=q • 0x10e04:\$j: #=q • 0x10e34:\$j: #=q • 0x10e50:\$j: #=q • 0x10e6c:\$j: #=q • 0x10e9c:\$j: #=q • 0x10eb8:\$j: #=q
24.2.smtpsvc.exe.400000.0.unpack	Nanocore_RAT_Gen_2	Detetcs the Nanocore RAT	Florian Roth	• 0x1018d:\$x1: NanoCore.ClientPluginHost • 0x101ca:\$x2: IClientNetworkHost • 0x13cfd:\$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJlLdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe

Click to see the 27 entries

Sigma Overview

System Summary:



Sigma detected: Droppers Exploiting CVE-2017-11882

Sigma detected: EQNEDT32.EXE connecting to internet

Sigma detected: File Dropped By EQNEDT32EXE

Sigma detected: NanoCore

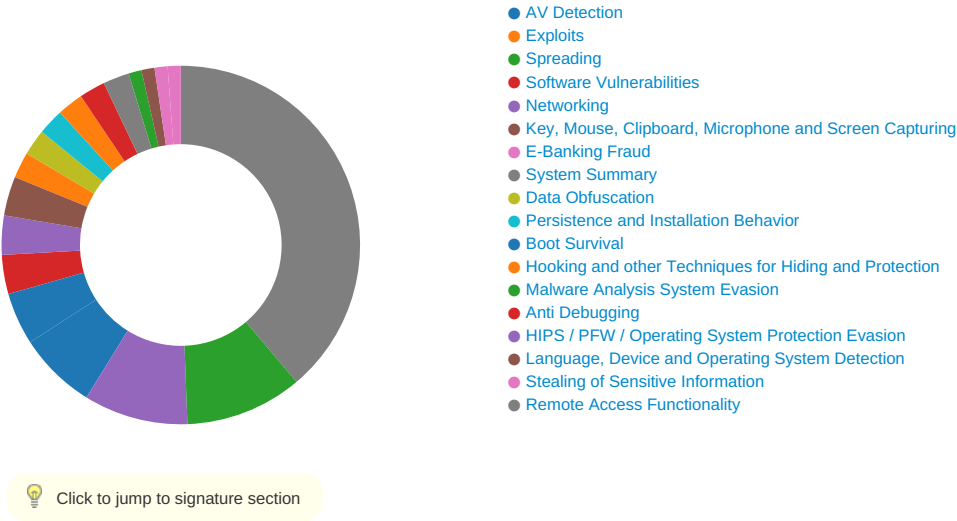
Sigma detected: Scheduled temp file as task from temp location

Sigma detected: Executables Started in Suspicious Folder

Sigma detected: Execution in Non-Executable Folder

Sigma detected: Suspicious Program Location Process Starts

Signature Overview



Found malware configuration
Multi AV Scanner detection for dropped file
Multi AV Scanner detection for submitted file
Yara detected Nanocore RAT
Machine Learning detection for dropped file

Exploits:



Office equation editor starts processes (likely CVE 2017-11882 or CVE-2018-0802)

E-Banking Fraud:



Yara detected Nanocore RAT

System Summary:



Malicious sample detected (through community Yara rule)

Office equation editor drops PE file

Boot Survival:



Drops PE files to the user root directory

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 AntiVM_3

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

Stealing of Sensitive Information:



Yara detected Nanocore RAT

Remote Access Functionality:



Detected Nanocore Rat

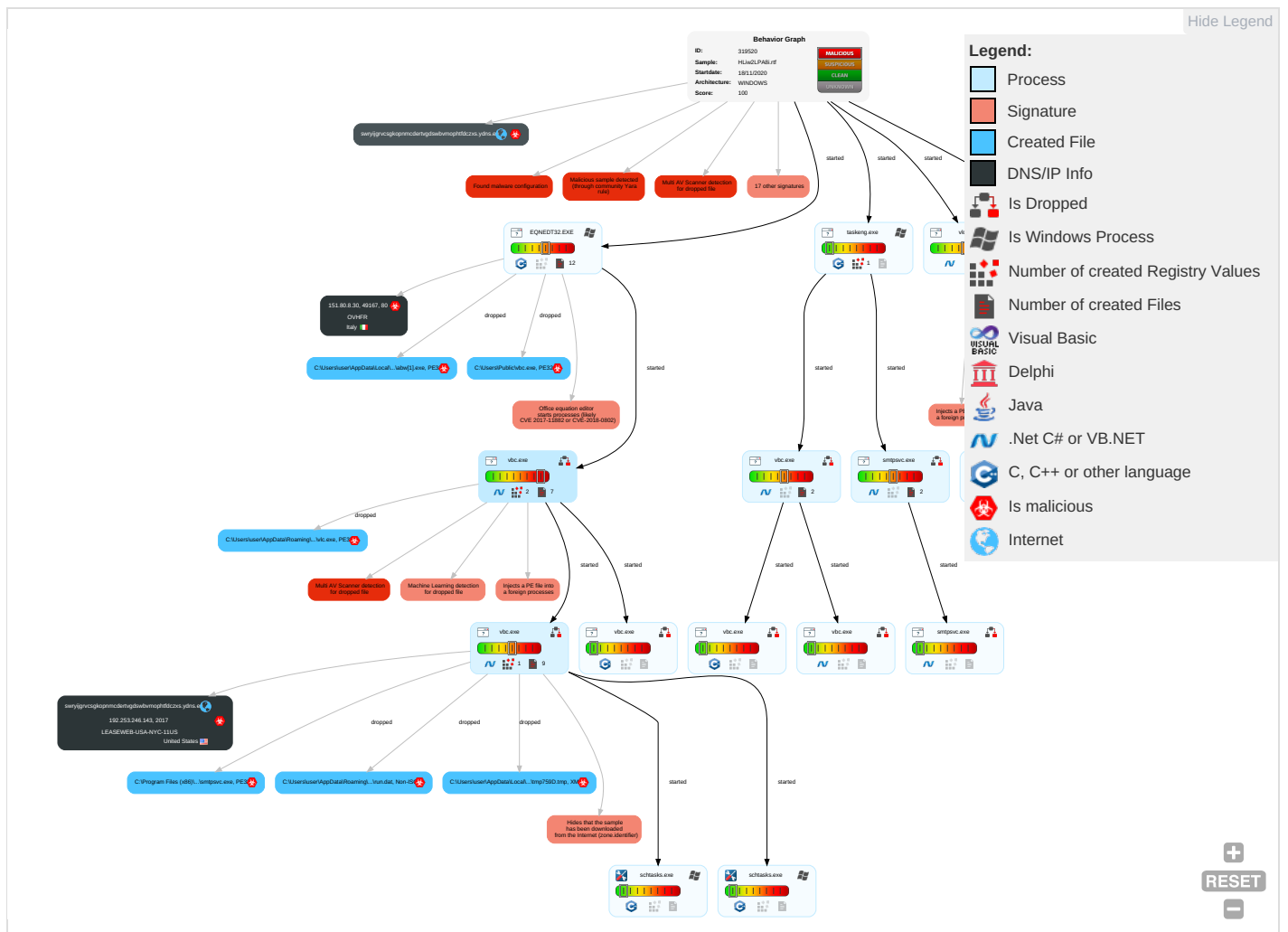
Yara detected Nanocore RAT

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	None
Valid Accounts	Exploitation for Client Execution 1 3	Scheduled Task/Job 1	Process Injection 1 1 2	Disable or Modify Tools 1	Input Capture 1 1	Account Discovery 1	Remote Services	Archive Collected Data 1	Exfiltration Over Other Network Medium	Ingress Tool Transfer 1 2	None

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Notes
Default Accounts	Command and Scripting Interpreter 1	Registry Run Keys / Startup Folder 1 1	Scheduled Task/Job 1	Obfuscated Files or Information 2	LSASS Memory	File and Directory Discovery 2	Remote Desktop Protocol	Input Capture 1 1	Exfiltration Over Bluetooth	Encrypted Channel 1	EFCC
Domain Accounts	Scheduled Task/Job 1	Logon Script (Windows)	Registry Run Keys / Startup Folder 1 1	Software Packing 3	Security Account Manager	System Information Discovery 1 3	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Remote Access Software 1	ETL
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Masquerading 1 1 2	NTDS	Security Software Discovery 2 1 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Non-Application Layer Protocol 2	SSS
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Virtualization/Sandbox Evasion 3	LSA Secrets	Virtualization/Sandbox Evasion 3	SSH	Keylogging	Data Transfer Size Limits	Application Layer Protocol 2 2	MCC
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Process Injection 1 1 2	Cached Domain Credentials	Process Discovery 2	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	JCS
External Remote Services	Scheduled Task	Startup Items	Startup Items	Hidden Files and Directories 1	DCSync	Application Window Discovery 1	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	FAC
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Indicator Removal from Tools	Proc Filesystem	System Owner/User Discovery 1	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol	CIFF
Exploit Public-Facing Application	PowerShell	At (Linux)	At (Linux)	Masquerading	/etc/passwd and /etc/shadow	Remote System Discovery 1	Software Deployment Tools	Data Staged	Exfiltration Over Asymmetric Encrypted Non-C2 Protocol	Web Protocols	FE

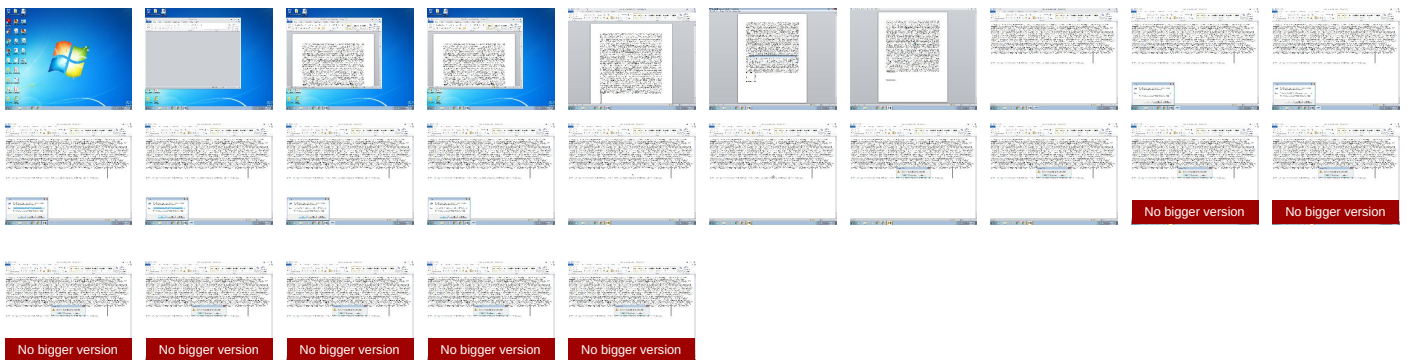
Behavior Graph

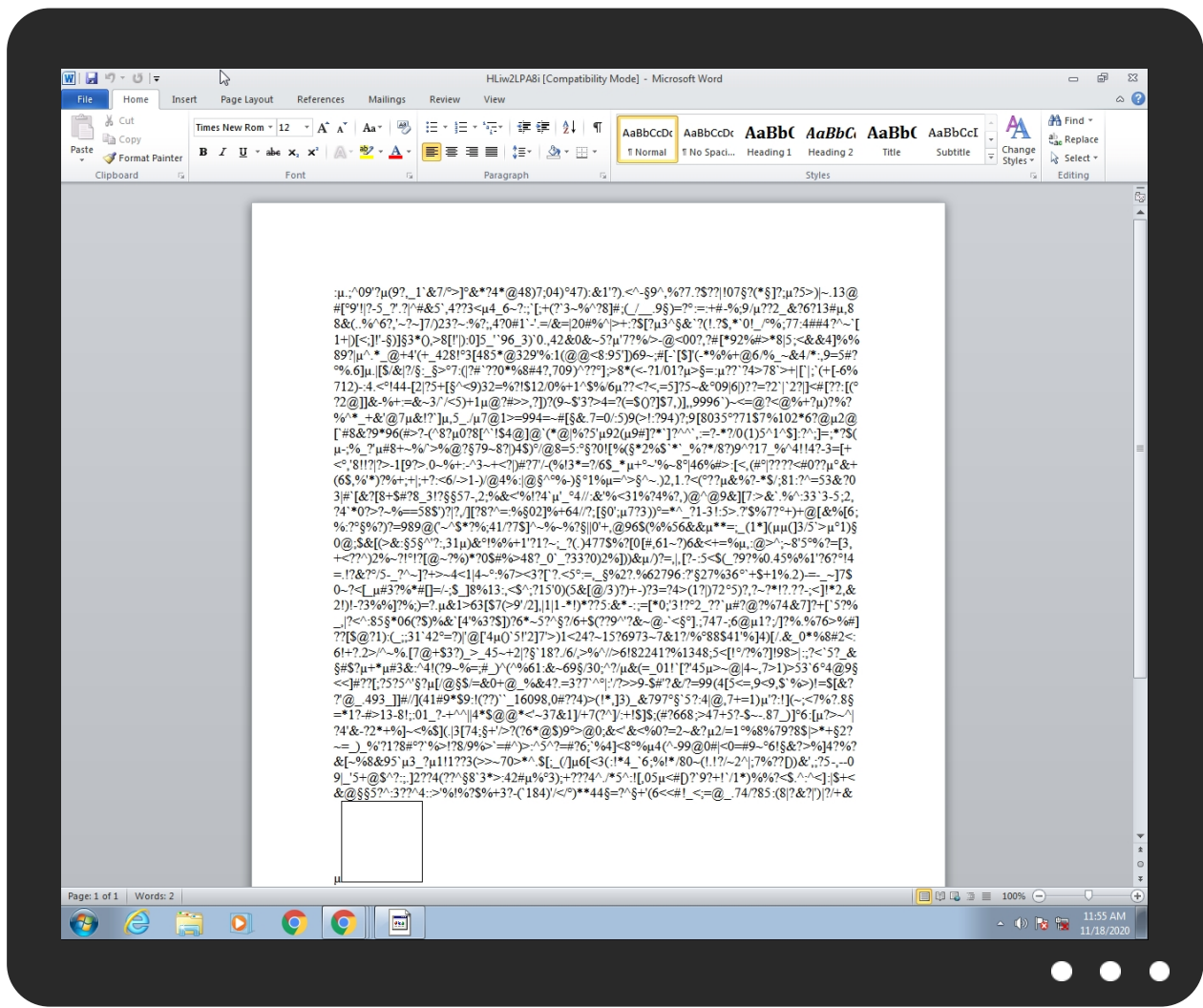


Screenshots

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
HLiw2LPA8i.rtf	41%	ReversingLabs	Document-RTF.Exploit.CVE-2017-11882	

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Program Files (x86)\SMTP Service\smtpsvc.exe	100%	Joe Sandbox ML		
C:\Users\Public\vlc.exe	100%	Joe Sandbox ML		
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1Plabw[1].exe	100%	Joe Sandbox ML		
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe	100%	Joe Sandbox ML		
C:\Program Files (x86)\SMTP Service\smtpsvc.exe	23%	ReversingLabs	ByteCode-MSIL.Trojan.DelShad	
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1Plabw[1].exe	23%	ReversingLabs	ByteCode-MSIL.Trojan.DelShad	
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe	23%	ReversingLabs	ByteCode-MSIL.Trojan.DelShad	
C:\Users\Public\vlc.exe	23%	ReversingLabs	ByteCode-MSIL.Trojan.DelShad	

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
23.2.smtpsvc.exe.400000.1.unpack	100%	Avira	TR/Dropper.Gen		Download File
24.2.smtpsvc.exe.400000.0.unpack	100%	Avira	TR/Dropper.Gen		Download File
25.2.vlc.exe.400000.1.unpack	100%	Avira	TR/Dropper.Gen		Download File
21.2.vbc.exe.400000.2.unpack	100%	Avira	TR/Dropper.Gen		Download File
22.2.vlc.exe.400000.0.unpack	100%	Avira	TR/Dropper.Gen		Download File
9.2.vbc.exe.400000.1.unpack	100%	Avira	TR/Dropper.Gen		Download File

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://151.80.8.30/abw.exe	0%	Avira URL Cloud	safe	
http://www.%s.comPA	0%	URL Reputation	safe	
http://www.%s.comPA	0%	URL Reputation	safe	
http://www.%s.comPA	0%	URL Reputation	safe	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
swryijgrvcsgkopnmcderavgdswbvmophtfdcxs.ydns.eu	192.253.246.143	true	true		unknown

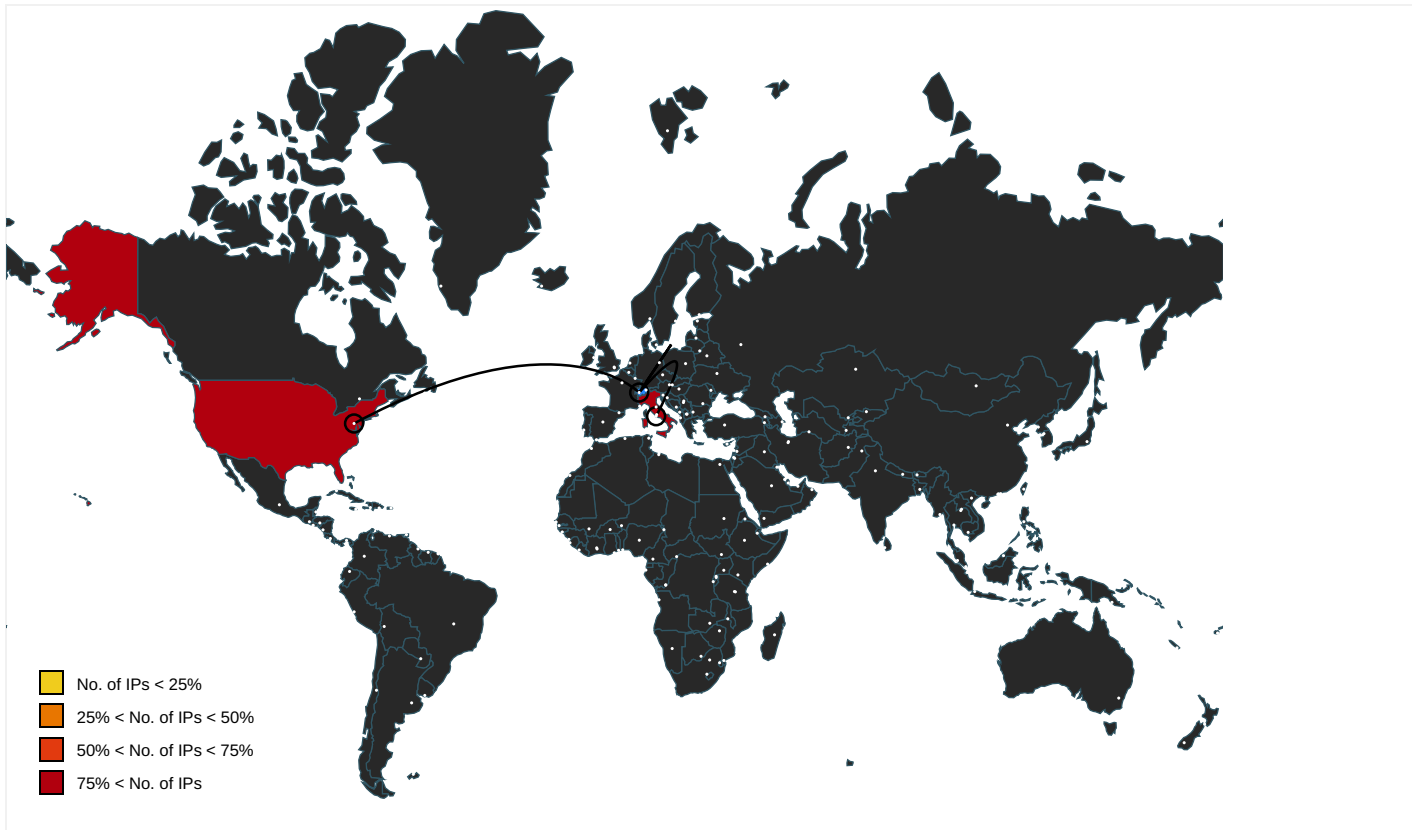
Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
http://151.80.8.30/abw.exe	true	Avira URL Cloud: safe	unknown

URLs from Memory and Binaries

Name	Source	Malicious	Antivirus Detection	Reputation
http://www.%s.comPA	vbc.exe, 00000004.00000002.2205582182.0000000008110000.0000002.00000001.sdmp, vbc.exe, 00000009.00000002.2382018390.00000005600000.00000002.00000001.sdmp, taskeng.exe, 0000000E.00000002.2376760777.0000000001B90000.00000002.00000001.sdmp	false	- URL Reputation: safe - URL Reputation: safe - URL Reputation: safe	low
http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous	vbc.exe, 00000004.00000002.2205582182.0000000008110000.0000002.00000001.sdmp, vbc.exe, 00000009.00000002.2382018390.00000005600000.00000002.00000001.sdmp, taskeng.exe, 0000000E.00000002.2376760777.0000000001B90000.00000002.00000001.sdmp	false		high

Contacted IPs



Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
151.80.8.30	unknown	Italy		16276	OVHFR	true
192.253.246.143	unknown	United States		396362	LEASEWEB-USA-NYC-11US	true

General Information

Joe Sandbox Version:	31.0.0 Red Diamond
Analysis ID:	319520
Start date:	18.11.2020
Start time:	11:53:59
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 11m 2s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	HLiw2LPA8i.rtf
Cookbook file name:	defaultwindowsofficecookbook.jbs
Analysis system description:	Windows 7 x64 SP1 with Office 2010 SP2 (IE 11, FF52, Chrome 57, Adobe Reader DC 15, Flash 25.0.0.127, Java 8 Update 121, .NET 4.6.2)
Number of analysed new started processes analysed:	26
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.expl.evad.winRTF@33/14@5/2

EGA Information:	Failed
HDC Information:	- Successful, ratio: 3.5% (good quality ratio 3.2%) - Quality average: 68.8% - Quality standard deviation: 31.8%
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: .rtf - Found Word or Excel or PowerPoint or XPS Viewer - Attach to Office via COM - Active ActiveX Object - Scroll down - Close Viewer
Warnings:	Show All - Exclude process from analysis (whitelisted): dllhost.exe, WerFault.exe, conhost.exe, svchost.exe - TCP Packets have been reduced to 100 - Report size exceeded maximum capacity and may have missing behavior information. - Report size getting too big, too many NtAllocateVirtualMemory calls found. - Report size getting too big, too many NtCreateFile calls found. - Report size getting too big, too many NtEnumerateValueKey calls found. - Report size getting too big, too many NtQueryAttributesFile calls found. - Report size getting too big, too many NtQueryValueKey calls found. - VT rate limit hit for: /opt/package/joesandbox/database/analysis/319520/sample/HLiw2LPA8i.rtf

Simulations

Behavior and APIs

Time	Type	Description
11:54:43	API Interceptor	190x Sleep call for process: EQNEDT32.EXE modified
11:54:45	API Interceptor	1507x Sleep call for process: vbc.exe modified
11:55:25	Autostart	Run: HKCU\Software\Microsoft\Windows\CurrentVersion\Run vlc "C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe"
11:55:29	API Interceptor	2x Sleep call for process: schtasks.exe modified
11:55:31	Task Scheduler	Run new task: SMTP Service path: "C:\Users\Public\vbc.exe" s>\$(Arg0)
11:55:31	Task Scheduler	Run new task: SMTP Service Task path: "C:\Program Files (x86)\SMTP Service\smtpsvc.exe" s>\$(Arg0)
11:55:31	API Interceptor	299x Sleep call for process: taskeng.exe modified
11:55:33	API Interceptor	547x Sleep call for process: smtpsvc.exe modified
11:55:33	Autostart	Run: HKLM\Software\Microsoft\Windows\CurrentVersion\Run SMTP Service C:\Program Files (x86)\SMTP Service\smtpsvc.exe
11:55:34	API Interceptor	504x Sleep call for process: vlc.exe modified
11:55:42	Autostart	Run: HKCU\Software\Microsoft\Windows\CurrentVersion\Run vlc "C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe"

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
151.80.8.30	Request for Quote.doc	Get hash	malicious	Browse	hieujhfbn bxgasjd.dy nv6.net/CKC.exe
192.253.246.143	f3wo2FuLN6.exe	Get hash	malicious	Browse	
	TLpMnhJmg7.exe	Get hash	malicious	Browse	

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	HDyADDol3l.exe	Get hash	malicious	Browse	
	3NWyBfF98R.exe	Get hash	malicious	Browse	

Domains

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
swryijgrvcsgkopnmcderavgdswbvmophtfd czxs.ydns.eu	f3wo2FuLN6.exe	Get hash	malicious	Browse	192.253.24 6.143
	SecuriteInfo.com.Trojan.DownLoader35.34609.25775.exe	Get hash	malicious	Browse	192.253.24 6.138
	Payment_Order_20201111.xlsx	Get hash	malicious	Browse	192.253.24 6.138
	TLpMnhJmg7.exe	Get hash	malicious	Browse	192.253.24 6.143
	HDyADDol3l.exe	Get hash	malicious	Browse	192.253.24 6.143
	S21Ji2TNug.exe	Get hash	malicious	Browse	192.253.24 6.141
	3NWyBfF98R.exe	Get hash	malicious	Browse	192.253.24 6.143
	22OR3ghkx.exe	Get hash	malicious	Browse	194.5.98.68
	2iVTzj8Bbe.exe	Get hash	malicious	Browse	5.135.233.28

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
OVHFR	baf6b9fcec491619b45c1dd7db56ad3d.exe	Get hash	malicious	Browse	213.186.33.16
	PO#865 and 866.exe	Get hash	malicious	Browse	51.75.130.83
	pqSZtQiuRy.exe	Get hash	malicious	Browse	158.69.65.151
	https://tg325.infusion-links.com/api/v1/click/5985883831533568/6575528038498304	Get hash	malicious	Browse	54.36.76.170
	https://tg325.infusion-links.com/api/v1/click/5985883831533568/6575528038498304	Get hash	malicious	Browse	54.36.76.170
	http://lessimones.org/wp-includes/ixr/wp-comment/one/alexra.harrod@ar.com	Get hash	malicious	Browse	46.105.57.169
	anthony.exe	Get hash	malicious	Browse	51.38.230.18
	https://epxilo.com/ggg/ofc/s/?signin=d41d8cd98f00b204e9800998ecf8427e&auth=c9b47394256a64d3f4cadfcb57b26f3cd680573fae1cb3c2 added9d53da824e3f77a60d99b	Get hash	malicious	Browse	54.39.123.117
	https://honcdestruction-shared.com/ViewHonc-SharedInfo	Get hash	malicious	Browse	51.210.112.129
	SMBS PO 30 quotation.xls	Get hash	malicious	Browse	217.182.137.43
	WeTransfer File for info@nanniottavio.it .html	Get hash	malicious	Browse	51.210.112.129
	e5ad48f310b56ceb013a30be125d967e.exe	Get hash	malicious	Browse	94.23.216.33
	23cf697d5faf11a3 added271e1d301173.exe	Get hash	malicious	Browse	91.121.200.35
	017088f2dc57fcb5a5bcb1a1e4eb70a6e.exe	Get hash	malicious	Browse	51.75.33.127
	Request for Quote.doc	Get hash	malicious	Browse	151.80.8.30
	FileZilla_3.51.0_win64_sponsored-setup.exe	Get hash	malicious	Browse	51.38.27.129
	FileZilla_3.51.0_win64_sponsored-setup.exe	Get hash	malicious	Browse	51.38.27.129
LEASEWEB-USA-NYC-11US	https://151.80.37.64/exploit/description/34365	Get hash	malicious	Browse	151.80.37.64
	https://facialxpressions.com/mox/	Get hash	malicious	Browse	144.217.67.58
	https://www.women.com/alexa/quiz-dialect-test	Get hash	malicious	Browse	51.210.112.63
	TDToxqrclL.exe	Get hash	malicious	Browse	23.105.131.177
	Ziiq5tl3CT.exe	Get hash	malicious	Browse	23.105.131.239
	f3wo2FuLN6.exe	Get hash	malicious	Browse	192.253.24 6.143
	ORDER INQUIRY.pdf.exe	Get hash	malicious	Browse	23.105.131.177
	Purchase Order 4500033557.pdf.exe	Get hash	malicious	Browse	23.105.131.177
	SecuriteInfo.com.Trojan.DownLoader35.34609.25775.exe	Get hash	malicious	Browse	192.253.24 6.138
	Proof_of_payment.xlsm	Get hash	malicious	Browse	23.105.131.217
	invoice tax.xlsm	Get hash	malicious	Browse	23.105.131.217
	SHIPPING DOCUMENTS.pdf.exe	Get hash	malicious	Browse	23.105.131.177
	Payment_Order_20201111.xlsx	Get hash	malicious	Browse	192.253.24 6.138
	TLpMnhJmg7.exe	Get hash	malicious	Browse	192.253.24 6.143
	HDyADDol3l.exe	Get hash	malicious	Browse	192.253.24 6.143

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	11.exe	Get hash	malicious	Browse	173.234.15 5.145
	53C29QAJnd.exe	Get hash	malicious	Browse	173.234.15 5.145
	OMQZvmAmCj.exe	Get hash	malicious	Browse	173.234.15 5.145
	gH4o5FCHAE.exe	Get hash	malicious	Browse	173.234.15 5.145
	SHIPPING INVOICE.pdf.exe	Get hash	malicious	Browse	23.105.131.177
	DOCUMENTO WAYBILL.exe	Get hash	malicious	Browse	23.105.131.133
	Proof Of Payment.exe	Get hash	malicious	Browse	23.105.131.129
	S21Ji2TNug.exe	Get hash	malicious	Browse	192.253.24 6.141

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

[illegible]

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1P\abw[1].exe		 
Process:	C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE	
File Type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows	
Category:	downloaded	
Size (bytes):	798720	
Entropy (8bit):	7.062174295870852	
Encrypted:	false	
SSDEEP:	24576:Jsa5TcLNpo2AbAtY7/6RQeWXKaRXKzklCbX:baha2EAt46wXKaRDCb	
MD5:	678DAC5FC4C6A55F032BA40698895E6A	
SHA1:	8EA9541292F8E5D68948031EBCEDAFE04DDA4A36	
SHA-256:	78491E950A624399F497CEDD25CAE2231223B1BCD2F93379480B3C9EDB4C6A92	
SHA-512:	3183B4FF5E16E81BD6E0509FA473F42AE8DB8D9C9B41405E8A723BA4647DDBD58356A324B3C6FBC9AC390BC592086C07424D65ECF34EA79BD68627DFD80C586	
Malicious:	true	
Antivirus:	- Antivirus: Joe Sandbox ML, Detection: 100% - Antivirus: ReversingLabs, Detection: 23%	
Reputation:	low	

C:\Users\user\AppData\Local\Temp\759D.tmp



Preview:	<?xml version="1.0" encoding="UTF-16"?>..<Task version="1.2" xmlns="http://schemas.microsoft.com/windows/2004/02/mit/task">.. <RegistrationInfo />.. <Triggers />.. <Principals>.. <Principal id="Author">.. <LogonType>InteractiveToken</LogonType>.. <RunLevel>HighestAvailable</RunLevel>.. </Principal>.. </Principals>.. <Settings>.. <MultipleInstancesPolicy>Parallel</MultipleInstancesPolicy>.. <DisallowStartIfOnBatteries>>false</DisallowStartIfOnBatteries>.. <StopIfGoingOnBatteries>false</StopIfGoingOnBatteries>.. <AllowHardTerminate>true</AllowHardTerminate>.. <StartWhenAvailable>>false</StartWhenAvailable>.. <RunOnlyIfNetworkAvailable>>false</RunOnlyIfNetworkAvailable>.. <IdleSettings>.. <StopOnIdleEnd>false</StopOnIdleEnd>.. <RestartOnIdle>false</RestartOnIdle>.. </IdleSettings>.. <AllowStartOnDemand>true</AllowStartOnDemand>.. <Enabled>true</Enabled>.. <Hidden>>false</Hidden>.. <RunOnlyIfIdle>false</RunOnlyIfIdle>.. <Wak
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C:\Users\user\AppData\Local\Temp\785C.tmp

Process:	C:\Users\Public\vlc.exe
File Type:	XML 1.0 document, ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1310
Entropy (8bit):	5.1063907901076036
Encrypted:	false
SSDEEP:	24:2dH4+S/4oL600QIMhEMjn5pwjVLUYODOLG9RJh7h8gK0RI4xtn:cbk4oL600QydbQxIYODOLedq3SI4j
MD5:	CFAE5A3B7D8AA9653FE2512578A0D23A
SHA1:	A91A2F8DAEF114F89038925ADA6784646A0A5B12
SHA-256:	2AB741415F193A2A9134EAC48A2310899D18EFB5E61C3E81C35140A7EFEA30FA
SHA-512:	9DFD7ECA6924AE2785CE826A447B6CE6D043C552FBD3B8A804CE6722B07A74900E703DC56CD4443CAE9AB9601F21A6068E29771E48497A9AE434096A11814E8
Malicious:	false
Preview:	<?xml version="1.0" encoding="UTF-16"?>..<Task version="1.2" xmlns="http://schemas.microsoft.com/windows/2004/02/mit/task">.. <RegistrationInfo />.. <Triggers />.. <Principals>.. <Principal id="Author">.. <LogonType>InteractiveToken</LogonType>.. <RunLevel>HighestAvailable</RunLevel>.. </Principal>.. </Principals>.. <Settings>.. <MultipleInstancesPolicy>Parallel</MultipleInstancesPolicy>.. <DisallowStartIfOnBatteries>false</DisallowStartIfOnBatteries>.. <StopIfGoingOnBatteries>false</StopIfGoingOnBatteries>.. <AllowHardTerminate>true</AllowHardTerminate>.. <StartWhenAvailable>false</StartWhenAvailable>.. <RunOnlyIfNetworkAvailable>false</RunOnlyIfNetworkAvailable>.. <IdleSettings>.. <StopOnIdleEnd>false</StopOnIdleEnd>.. <RestartOnIdle>false</RestartOnIdle>.. </IdleSettings>.. <AllowStartOnDemand>true</AllowStartOnDemand>.. <Enabled>true</Enabled>.. <Hidden>false</Hidden>.. <RunOnlyIfIdle>false</RunOnlyIfIdle>.. <Wak

C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\run.dat



Process:	C:\Users\Public\vlc.exe
File Type:	Non-ISO extended-ASCII text, with no line terminators
Category:	dropped
Size (bytes):	8
Entropy (8bit):	2.75
Encrypted:	false
SSDEEP:	3:Opp:Opp
MD5:	418D0E0CFC0D7FA94E7E818EB77761B0
SHA1:	A9016EE9E5AD5FDB39E4D404B33B7B2C4F7DE455
SHA-256:	27E691F904CC71E3044E3B7566F969A53EE95B0BCD19FE0CEADCB3DCF5F90C5F
SHA-512:	8C6A8B4CCFE7197D3EA4E999AD33524CA03FACA6821E021677C036592256431A001398400115A155A00411CCA99891CDECDDBCDBD28518CF8CD0E8878567496
Malicious:	true
Preview:	o00....H

C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\task.dat

Process:	C:\Users\Public\vlc.exe
File Type:	ASCII text, with no line terminators
Category:	dropped
Size (bytes):	23
Entropy (8bit):	3.849223912390625
Encrypted:	false
SSDEEP:	3:oNaHF5T7An:oNaHPEn
MD5:	1D9E6B0B439CE23002CBCC0D33204CD
SHA1:	F2BA6404171508424646530543A891EF54A26D77
SHA-256:	4F156226A01768B229B3F0807A841C9764B9757EDB5B1A08459565CDD34DA38C
SHA-512:	A0637495A857BF7BB4914733DB7D86A92A831502F7B3FF4376EF46B4306FFCE2AA95F0EC0CDFB0EC29275BB9718EE8FD37145CD21B0B71476217A06636199949
Malicious:	false
Preview:	C:\Users\Public\vlc.exe

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\HLiw2LPA8i.LNK

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Archive, ctime=Wed Aug 26 14:08:18 2020, mtime=Wed Aug 26 14:08:18 2020, atime=Wed Nov 18 18:54:41 2020, length=9774, window=hide
Category:	dropped
Size (bytes):	2028

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\HLiw2LPA8i.LNK	
Entropy (8bit):	4.542366311367571
Encrypted:	false
SSDEEP:	24:8iIH/XTm6Gbo3vem33Dv3q0dM7dD2iIH/XTm6Gbo3vem33Dv3q0dM7dV:8H/XTFGbsNm0Qh2H/XTFGbsNm0Q/
MD5:	35B0565B2E780AFF5FC1D6051EFC5A8D
SHA1:	870CE4F442CDDb6EC66785A020FD203CC934E823
SHA-256:	FA2FAEC0406C50749D50BDCB72F8CD82EF6766031C28745133F3FC758D62598B
SHA-512:	B2AF854BBF32A3C4E4095C6F01D46B7D1C03987E0747D129283C37C868924C3015119FBBDB83D4D02B3A3EFC70E0FF58F81F2807998758D63C09F160FD97ACE
Malicious:	false
Preview:	L.....F.....{.....{..2....&.....P.O.+00.../C\.....t1....QK.X..Users`.....QK.X*.....6.....U.s.e.r.s...@.s.h.e.l.l.3.2...d.l.l.,-.2 .1.8.1.3....L.1.....Q.y..user.8....QK.X.Q.y*...&=....U.....A.l.b.u.s....z.1.....Q.y..Desktop.d.....QK.X.Q.y*..._-=.....D.e.s.k.t.o.p...@.s.h.e.l.l.3.2...d.l.l.,-.2.1.7. 6.9.....f.2...&..rQ. .HLIW2L~1.RTF...J.....Q.y.Q.y*...8.....H.L.i.w.2.L.P.A.8.i...r.t.f.....x.....-...8...[.....?J.....C:\Users\..#\045012\Users .user\Desktop\HLiw2LPA8i.rtf.%.....\.....\.....\.....\D.e.s.k.t.o.p.\H.L.i.w.2.L.P.A.8.i...r.t.f.....(,LB.)...Ag.....1SPS.XF.L8C....&m.m.....-...S.-.1.-.5.-.2.1.-.9.6. 6.7.7.1.3.1.5.-.3.0.1.9.4.0.5.6.3.7.-.3.6.7.3.3.6.4.7.7.-.1.0.0.6.....`.....X.....045012.....D_....3N...W...9F.C.....[D_....3N...W...9F.C..

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\index.dat	
Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	70
Entropy (8bit):	4.157106324292785
Encrypted:	false
SSDEEP:	3:HmP1V3o1ig1V3omxWmP1V3ov:HU1V3+ig1V3Z1V3y
MD5:	DA0539CDFFD1E32F26C89C1F514E0C81
SHA1:	C6DE3360D68C412A594AE7F663D5B2D20DB78F72
SHA-256:	C8AA62D0DFA7D04B921DCA5864CB7419DD388730E20857A091D718625189D63E
SHA-512:	ADD1E881139E7E523D85AB9FE121F52D215F156A1F2B63451997DDAF0B517FA72732692AC1F60F07281205043AE3DADCAA0D77D965C48370EB17021AF2BAC
Malicious:	false
Preview:	[misc]..HLiw2LPA8i.LNK=0..HLiw2LPA8i.LNK=0..[misc]..HLiw2LPA8i.LNK=0..

C:\Users\user\AppData\Roaming\Microsoft\Templates\~\$Normal.dotm	
Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	data
Category:	dropped
Size (bytes):	162
Entropy (8bit):	2.431160061181642
Encrypted:	false
SSDEEP:	3:vrJlaCkWtVy3KGcils6w7Adtl:n:vdsCkWthGciWfQl
MD5:	4A5DFFE330E8BBBF59615CB0C71B87BE
SHA1:	7B896C17F93ECFC9B69E84FC1EADADD9DA550C4B
SHA-256:	D28616DC54FDEF1FF5C5BA05A77F178B7E3304493BAF3F4407409F2C84F4F215
SHA-512:	3AA160CB89F4D8393BCBF9FF4357FFE7AE00663F21F436D341FA4F5AD4AEDC737092985EB4A94A694A02780597C6375D1615908906A6CEC6D7AB616791B6285C
Malicious:	false
Preview:	.user.....A.l.b.u.s.....p.....P.....Z.....X..

C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe		 
Process:	C:\Users\Public\vlc.exe	
File Type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows	
Category:	dropped	
Size (bytes):	798720	
Entropy (8bit):	7.062174295870852	
Encrypted:	false	
SSDEEP:	24576:Jsa5TcLNpo2AbAtY7/6RQeWXKaRXKzklCbX:baha2EA46wXKaRDCb	
MD5:	678DAC5FC4C6A55F032BA40698895E6A	
SHA1:	8EA9541292F8E5D68948031EBCEDAFE04DDA4A36	
SHA-256:	78491E950A624399F497CEDD25CAE2231223B1BCD2F93379480B3C9EDB4C6A92	
SHA-512:	3183B4FF5E16E81BD6E0509FA473F42AE8DB8D9C9B41405E8A723BA4647DDBD58356A324B3C6FBC9AC390BC592086C07424D65ECF34EA79BD6862D7FD80C586	
Malicious:	true	
Antivirus:	- Antivirus: Joe Sandbox ML, Detection: 100% - Antivirus: ReversingLabs, Detection: 23%	

General

File Content Preview:

{\rtf5891...;^09?.(9?_1'&7/.>].&*?4*@48)7;04).47):&1'?<^~9^,%%?7.?5??|07.?[*.]?;..?5>)|~.13@#[.9]|?~5_?'.?|^#&5`,4??3<.4\_6~?;.[;+(? 3~%?8]#;(\_/.9.)=?;.:#+#-%;9/.??2\_&?6?13#.,88&(.%?6?,'~?~]7/)23?~-%?;,4?0#1`'-:/&=|20#%?|>+.?5[?3^.&'?(!.?5,*0!

File Icon



Icon Hash:

e4eea2aaa4b4b4a4

Static RTF Info

Objects

Id	Start	Format ID	Format	Classname	Datasize	Filename	Sourcepath	Temppath	Exploit
0	00000B06h	2	embedded	equalOn.3	2098				no

Network Behavior

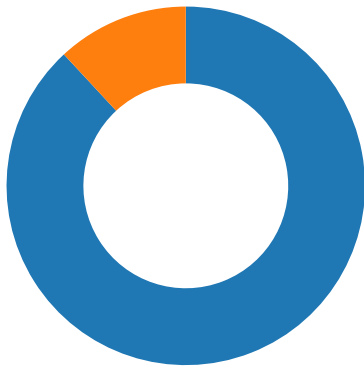
Snort IDS Alerts

Timestamp	Protocol	SID	Message	Source Port	Dest Port	Source IP	Dest IP
11/18/20-11:55:44.470110	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:55:47.474185	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:55:55.430038	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:09.829906	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:09.829927	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:17.001896	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:34.485943	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:37.489893	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:41.182034	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:50.266036	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:53.709906	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22
11/18/20-11:56:58.530108	ICMP	399	ICMP Destination Unreachable Host Unreachable			173.208.113.7	192.168.2.22

Network Port Distribution

Total Packets: 42

- 53 (DNS)
- 80 (HTTP)



TCP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 18, 2020 11:54:55.516313076 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.542042017 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.542313099 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.542629957 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.568844080 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.568875074 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.568890095 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.568906069 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.568969011 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.568993092 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.594613075 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.594645977 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.594661951 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.594672918 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.594686031 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.594697952 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.594710112 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.594724894 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.594759941 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.594805002 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.594825029 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.620558023 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620588064 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620603085 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620618105 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620634079 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620651960 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620670080 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620676994 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.620687008 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620699883 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.620699883 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620703936 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.620718956 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620728016 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.620737076 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620749950 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.620754957 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620771885 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620786905 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620798111 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.620799065 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.620804071 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.620819092 CET	49167	80	192.168.2.22	151.80.8.30

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 18, 2020 11:54:55.620877981 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.621985912 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646372080 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646401882 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646419048 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646434069 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646450043 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646470070 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646486998 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646502018 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646521091 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646537066 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646553993 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646570921 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646573067 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646584034 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646595001 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646599054 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646601915 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646603107 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646612883 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646617889 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646631002 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646642923 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646660089 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646676064 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646684885 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646692038 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646693945 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646696091 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646703005 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646708012 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646723986 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646739960 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646754980 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646755934 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646760941 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646773100 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646775007 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646792889 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646810055 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646821022 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646826029 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646826982 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646836042 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646842957 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646856070 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646858931 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.646887064 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.646897078 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.648106098 CET	49167	80	192.168.2.22	151.80.8.30
Nov 18, 2020 11:54:55.672571898 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.672614098 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.672640085 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.672667027 CET	80	49167	151.80.8.30	192.168.2.22
Nov 18, 2020 11:54:55.672693014 CET	80	49167	151.80.8.30	192.168.2.22

UDP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 18, 2020 11:55:43.246233940 CET	52197	53	192.168.2.22	8.8.8.8
Nov 18, 2020 11:55:43.295228958 CET	53	52197	8.8.8.8	192.168.2.22
Nov 18, 2020 11:56:06.690603018 CET	53099	53	192.168.2.22	8.8.8.8
Nov 18, 2020 11:56:06.725873947 CET	53	53099	8.8.8.8	192.168.2.22

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 18, 2020 11:56:31.337769985 CET	52838	53	192.168.2.22	8.8.8.8
Nov 18, 2020 11:56:31.373466969 CET	53	52838	8.8.8.8	192.168.2.22
Nov 18, 2020 11:56:47.535895109 CET	61200	53	192.168.2.22	8.8.8.8
Nov 18, 2020 11:56:47.576034069 CET	53	61200	8.8.8.8	192.168.2.22
Nov 18, 2020 11:57:12.656078100 CET	49548	53	192.168.2.22	8.8.8.8
Nov 18, 2020 11:57:12.708713055 CET	53	49548	8.8.8.8	192.168.2.22

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Nov 18, 2020 11:55:43.246233940 CET	192.168.2.22	8.8.8.8	0x95dc	Standard query (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu	A (IP address)	IN (0x0001)
Nov 18, 2020 11:56:06.690603018 CET	192.168.2.22	8.8.8.8	0x9e27	Standard query (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu	A (IP address)	IN (0x0001)
Nov 18, 2020 11:56:31.337769985 CET	192.168.2.22	8.8.8.8	0x9b5	Standard query (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu	A (IP address)	IN (0x0001)
Nov 18, 2020 11:56:47.535895109 CET	192.168.2.22	8.8.8.8	0xfeee	Standard query (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu	A (IP address)	IN (0x0001)
Nov 18, 2020 11:57:12.656078100 CET	192.168.2.22	8.8.8.8	0xa78b	Standard query (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Nov 18, 2020 11:55:43.295228958 CET	8.8.8.8	192.168.2.22	0x95dc	No error (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu		192.253.246.143	A (IP address)	IN (0x0001)
Nov 18, 2020 11:56:06.725873947 CET	8.8.8.8	192.168.2.22	0x9e27	No error (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu		192.253.246.143	A (IP address)	IN (0x0001)
Nov 18, 2020 11:56:31.373466969 CET	8.8.8.8	192.168.2.22	0x9b5	No error (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu		192.253.246.143	A (IP address)	IN (0x0001)
Nov 18, 2020 11:56:47.576034069 CET	8.8.8.8	192.168.2.22	0xfeee	No error (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu		192.253.246.143	A (IP address)	IN (0x0001)
Nov 18, 2020 11:57:12.708713055 CET	8.8.8.8	192.168.2.22	0xa78b	No error (0)	swryijgrvc sgkopnmcde rtvgdswbvm ophtfdczxs .ydns.eu		192.253.246.143	A (IP address)	IN (0x0001)

HTTP Request Dependency Graph

- 151.80.8.30

HTTP Packets

Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
0	192.168.2.22	49167	151.80.8.30	80	C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE

System Behavior

Analysis Process: WINWORD.EXE PID: 2444 Parent PID: 584

General

Start time:	11:54:42
Start date:	18/11/2020
Path:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
Wow64 process (32bit):	false
Commandline:	'C:\Program Files\Microsoft Office\Office14\WINWORD.EXE' /Automation -Embedding
Imagebase:	0x13f040000
File size:	1424032 bytes
MD5 hash:	95C38D04597050285A18F66039EDB456
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\VE	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	success or wait	1	7FEE95226B4	CreateDirectoryA

File Deleted

File Path	Completion	Count	Source Address	Symbol
C:\Users\user\Desktop\~\$iw2LPA8i.rtf	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\themedata.thm~	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\colorschememapping.xml~	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xml~	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs.rcv	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\~WRL0000.tmp	success or wait	1	7FEE9449AC0	unknown

File Moved

Old File Path	New File Path	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\imgs_files\themedata.thmx	C:\Users\user\AppData\Local\Temp\imgs_files\themedata.thm~..	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\colorschememapping.xml	C:\Users\user\AppData\Local\Temp\imgs_files\colorschememapping.xml~	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xml	C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xml~m~	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\themedata.thm	C:\Users\user\AppData\Local\Temp\imgs_files\themedata.thmx..	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\colorschememapping.xml_	C:\Users\user\AppData\Local\Temp\imgs_files\colorschememapping.xml	success or wait	1	7FEE9449AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xml_	C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xmlmx	success or wait	1	7FEE9449AC0	unknown

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
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File Read

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Roaming\Microsoft\UProof\CUSTOM.DIC	unknown	1	success or wait	1	7FEE93DEC53	ReadFile
C:\Users\user\AppData\Roaming\Microsoft\UProof\CUSTOM.DIC	unknown	4096	success or wait	1	7FEE93E6CAC	ReadFile

Registry Activities

Key Created

Key Path	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\VB	success or wait	1	7FEE945E72B	RegCreateKeyExA
HKEY_CURRENT_USER\Software\Microsoft\VB\7.0	success or wait	1	7FEE945E72B	RegCreateKeyExA
HKEY_CURRENT_USER\Software\Microsoft\VB\7.0\Com	success or wait	1	7FEE945E72B	RegCreateKeyExA
HKEY_CURRENT_USER\Software\Microsoft\Office\Com	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Resiliency	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Resiliency\DocumentRecovery	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Resiliency\DocumentRecovery\F8B10	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Place MRU	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Com\Recent Locations	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Com\Recent Locations\SharePoint	success or wait	1	7FEE9449AC0	unknown

Key Value Created

[illegible]

Page 28 of 50

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 11	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\9281004682.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 12	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\1169381505.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 13	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\9801086636.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 14	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\7838756049.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 15	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\8416181845.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 16	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\2874006916.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 17	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\9369051781.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 18	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\7606393495.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 19	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\4458179343.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 20	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\2849925037.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Place MRU	Max Display	dword	25	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Max Display	dword	25	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 1	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\8416751812.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 2	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\3580751004.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 3	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\5367203117.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 4	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\3764832265.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 5	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\3013890265.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 6	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\0615447233.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 7	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\4144085054.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 8	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\2109793820.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 9	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\1417002460.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 10	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\1387277564.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 11	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\9281004682.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 12	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\1169381505.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 13	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\9801086636.docx	success or wait	1	7FEE9449AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\file mru	Item 14	unicode	[F0000000][T01D1BB6D4B429860] [O0000000]*C:\Users\user\Desktop\7838756049.docx	success or wait	1	7FEE9449AC0	unknown

Key Path	Name	Type	Old Data	New Data	Completion	Count	Source	Symbol
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00			Address	
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00				
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00				
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00				
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00				
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00				
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00				
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00				
			00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00				
FF FF								

Analysis Process: EQNEDT32.EXE PID: 2428 Parent PID: 584

General

Start time:	11:54:43
Start date:	18/11/2020
Path:	C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE
Wow64 process (32bit):	true
Commandline:	'C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE' -Embedding
Imagebase:	0x400000
File size:	543304 bytes
MD5 hash:	A87236E214F6D42A65F5DEDAC816AEC8
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

File Path				Access	Attributes	Options	Completion	Count	Source Address	Symbol
File Path			Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
File Path					Offset	Length	Completion	Count	Source Address	Symbol

Registry Activities

Key Created

Key Path					Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Equation Editor					success or wait	1	41369F	RegCreateKeyExA
HKEY_CURRENT_USER\Software\Microsoft\Equation Editor\3.0					success or wait	1	41369F	RegCreateKeyExA
HKEY_CURRENT_USER\Software\Microsoft\Equation Editor\3.0\Options					success or wait	1	41369F	RegCreateKeyExA

Key Path	Name	Type	Old Data	New Data	Completion	Count	Source Address	Symbol
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Analysis Process: vbc.exe PID: 2528 Parent PID: 2428

General

Start time:	11:54:44
Start date:	18/11/2020
Path:	C:\Users\Public\vbc.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\Public\vbc.exe'
Imagebase:	0x120000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A

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: 00000004.00000002.2190777243.00000000031F9000.00000004.00000001.sdmp, Author: Florian Roth • Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000004.00000002.2190777243.00000000031F9000.00000004.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000004.00000002.2190777243.00000000031F9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Antivirus matches:	• Detection: 100%, Joe Sandbox ML • Detection: 23%, ReversingLabs
Reputation:	low

File Activities

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\GDIPFONTCACHEV1.DAT	read attributes synchronize generic read generic write	device sparse file	synchronous io non alert non directory file	success or wait	1	6C22AA52	unknown
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN	read data or list directory synchronize	device sparse file	directory file synchronous io non alert open for backup ident open reparse point	success or wait	1	6D1F4247	CreateDirectoryW
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe	read data or list directory read attributes delete synchronize generic write	device sparse file	sequential only non directory file	success or wait	1	52ACC53	CopyFileW

File Written

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe	0	65536	4d 5a 90 00 03 00 00 00 04 00 00 00 ff ff 00 00 b8 00 00 00 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 \$.....PE..L..... 00 00 00 00 00 00 00z....v... ..@.. 00 00 00 00 00 00 00 00 00 00 80 00 00 00 0e 1f ba 0e 00 b4 09 cd 21 b8 01 4c cd 21 54 68 69 73 20 70 72 6f 67 72 61 6d 20 63 61 6e 6e 6f 74 20 62 65 20 72 75 6e 20 69 6e 20 44 4f 53 20 6d 6f 64 65 2e 0d 0d 0a 24 00 00 00 00 00 00 00 50 45 00 00 4c 01 03 00 92 85 b4 5f 00 00 00 00 00 00 00 00 e0 00 02 01 0b 01 08 00 00 b4 07 00 00 7a 04 00 00 00 00 00 76 d3 07 00 00 20 00 00 00 e0 07 00 00 00 40 00 00 20 00 00 00 02 00 00 04 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00 00 80 0c 00 00 02 00 00 00 00 00 00 02 00 40 85 00 00 10 00 00 10 00 00 00 00 10 00 00 10 00 00 00 00 00 00 10 00 00 00 00 00 00 00 00 00 00	MZ.....@.....!..L!This program cannot be run in DOS mode... \$.....PE..L.....z....v... ..@..@.....	success or wait	13	52ACC53	CopyFileW

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	6E3C7995	unknown
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	6135	success or wait	1	6E3C7995	unknown
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\7582400666d289c016013ad0f6e0e3e6\mscorlib.ni.dll.aux	unknown	176	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6E3CA1A4	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Window s.Forms\fb06ad4bc55b9c3ca68a3f9259d826cd\System.Windows.Forms.ni.dll.aux	unknown	1720	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\1be7a15b1f33bf22e4f53aaf45518c77\System.ni.dll.aux	unknown	620	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Drawing\1d52bd4ac5e0a6422058a5d62c9f6d9d\System.Drawing.ni.dll.aux	unknown	584	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\eb4cca4f06a15158c3f7e2c56516729b\System.Core.ni.dll.aux	unknown	900	success or wait	1	6E2DDE2C	ReadFile

Registry Activities

Key Created

Key Path	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\GDIPPlus	success or wait	1	6C22AA52	unknown

Key Value Created

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\GDIPPlus	FontCachePath	unicode	C:\Users\user\AppData\Local	success or wait	1	6C22AA52	unknown
HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run	vlc	unicode	"C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe"	success or wait	1	6D1FAEBE	RegSetValueExW

Analysis Process: EQNEDT32.EXE PID: 2840 Parent PID: 584

General

Start time:	11:55:03
Start date:	18/11/2020
Path:	C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE
Wow64 process (32bit):	true
Commandline:	'C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE' -Embedding
Imagebase:	0x400000
File size:	543304 bytes
MD5 hash:	A87236E214F6D42A65F5DEDAC816AEC8
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

File Path	Offset	Length	Completion	Count	Source Address	Symbol
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Registry Activities

Key Path	Name	Type	Old Data	New Data	Completion	Count	Source Address	Symbol
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Analysis Process: vbc.exe PID: 3024 Parent PID: 2528

General	
Start time:	11:55:27
Start date:	18/11/2020
Path:	C:\Users\Public\vlc.exe
Wow64 process (32bit):	false
Commandline:	C:\Users\Public\vlc.exe
Imagebase:	0x120000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	low

Analysis Process: vlc.exe PID: 2956 Parent PID: 2528

General	
Start time:	11:55:27
Start date:	18/11/2020
Path:	C:\Users\Public\vlc.exe
Wow64 process (32bit):	true
Commandline:	C:\Users\Public\vlc.exe
Imagebase:	0x120000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	- Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000009.00000002.2377595847.0000000002181000.00000004.00000001.sdmp, Author: Joe Security - Rule: Nanocore_RAT_Gen_2, Description: Detects the Nanocore RAT, Source: 00000009.00000002.2377447258.0000000001F60000.00000004.00000001.sdmp, Author: Florian Roth - Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000009.00000002.2377447258.0000000001F60000.00000004.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000009.00000002.2377447258.0000000001F60000.00000004.00000001.sdmp, Author: Joe Security - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000009.00000002.2378417064.00000000031C9000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000009.00000002.2378417064.00000000031C9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> - Rule: Nanocore_RAT_Gen_2, Description: Detects the Nanocore RAT, Source: 00000009.00000002.2377365458.0000000001E70000.00000004.00000001.sdmp, Author: Florian Roth - Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000009.00000002.2377365458.0000000001E70000.00000004.00000001.sdmp, Author: Florian Roth - Rule: Nanocore_RAT_Gen_2, Description: Detects the Nanocore RAT, Source: 00000009.00000002.2376844141.0000000000402000.00000040.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000009.00000002.2376844141.0000000000402000.00000040.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000009.00000002.2376844141.0000000000402000.00000040.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

File Activities

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171	read data or list directory synchronize	device sparse file	directory file synchronous io non alert open for backup ident open reparse point	success or wait	1	6D1F4247	CreateDirectoryW
C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\run.dat	read attributes synchronize generic write	device sparse file	synchronous io non alert non directory file open no recall	success or wait	1	6D1FF4A8	CreateFileW
C:\Program Files (x86)\SMTP Service	read data or list directory synchronize	device sparse file	directory file synchronous io non alert open for backup ident open reparse point	success or wait	1	6D1F4247	CreateDirectoryW
C:\Program Files (x86)\SMTP Service\smtpsvc.exe	read data or list directory read attributes delete synchronize generic write	device sparse file	sequential only non directory file	success or wait	1	6D1F64C6	CopyFileW
C:\Users\user\AppData\Local\Temp\tmp759D.tmp	read attributes synchronize generic read	device sparse file	synchronous io non alert non directory file	success or wait	1	6D1F7C90	GetTempFileNameW
C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\task.dat	read attributes synchronize generic write	device sparse file	sequential only synchronous io non alert non directory file open no recall	success or wait	1	6D1FF4A8	CreateFileW
C:\Users\user\AppData\Local\Temp\tmp785C.tmp	read attributes synchronize generic read	device sparse file	synchronous io non alert non directory file	success or wait	1	6D1F7C90	GetTempFileNameW
C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\Logs	read data or list directory synchronize	device sparse file	directory file synchronous io non alert open for backup ident open reparse point	success or wait	1	6D1F4247	CreateDirectoryW
C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\Logs\user	read data or list directory synchronize	device sparse file	directory file synchronous io non alert open for backup ident open reparse point	success or wait	1	6D1F4247	CreateDirectoryW

File Deleted

File Path	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\tmp759D.tmp	success or wait	1	6D1F7D79	DeleteFileW
C:\Users\user\AppData\Local\Temp\tmp785C.tmp	success or wait	1	6D1F7D79	DeleteFileW

File Written

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Roaming\EA860E7A-A87F-4A88-92EF-38F744458171\run.dat	unknown	8	6f 30 30 e6 fb 8b d8 48	o00....H	success or wait	1	6D1FB2B3	WriteFile

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\tmp785C.tmp	unknown	1310	3c 3f 78 6d 6c 20 76 65 72 73 69 6f 6e 3d 22 31 2e 30 22 20 65 6e 63 6f 64 69 6e 67 3d 22 55 54 46 2d 31 36 22 3f 3e 0d 0a 3c 54 61 73 6b 20 76 65 72 73 69 6f 6e 3d 22 31 2e 32 22 20 78 6d 6c 6e 73 3d 22 68 74 74 70 3a 2f 2f 73 63 68 65 6d 61 73 2e 6d 69 63 72 6f 73 6f 66 74 2e 63 6f 6d 2f 77 69 6e 64 6f 77 73 2f 32 30 30 34 2f 30 32 2f 6d 69 74 2f 74 61 73 6b 22 3e 0d 0a 20 20 3c 52 65 67 69 73 74 72 61 74 69 6f 6e 49 6e 66 6f 20 2f 3e 0d 0a 20 20 3c 54 72 69 67 67 65 72 73 20 2f 3e 0d 0a 20 20 3c 50 72 69 6e 63 69 70 61 6c 73 3e 0d 0a 20 20 20 20 3c 50 72 69 6e 63 69 70 61 6c 20 69 64 3d 22 41 75 74 68 6f 72 22 3e 0d 0a 20 20 20 20 20 20 3c 4c 6f 67 6f 6e 54 79 70 65 3e 49 6e 74 65 72 61 63 74 69 76 65 54 6f 6b 65 6e 3c 2f 4c 6f 67 6f 6e 54 79 70 65 3e	<?xml version="1.0" encoding="UTF-16"?>.. <Task version="1.2" xmlns="http://schemas.mic roso ft.com/windows/2004/02/m it/task">.. <RegistrationInfo />.. <Triggers />.. <Principals>.. <Principal id="Author">.. <LogonType>InteractiveTo ken</LogonType>	success or wait	1	6D1FB2B3	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	6E3C7995	unknown
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	6135	success or wait	1	6E3C7995	unknown
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\7582400666d289c016013ad0f6e0e3e6\mscorlib.ni.dll.aux	unknown	176	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6E3CA1A4	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Windows.Forms\fb06ad4bc55b9c3ca68a3f9259d826cd\System.Windows.Forms.ni.dll.aux	unknown	1720	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\1be7a15b1f33bf22e4f53aaf45518c77\System.ni.dll.aux	unknown	620	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Drawing\1d52bd4ac5e0a6422058a5d62c9fd9d\System.Drawing.ni.dll.aux	unknown	584	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\Microsoft.V9921e851#4fc035341c55c61ce51e53d179d1e19d\Microsoft.VisualBasic.ni.dll.aux	unknown	1708	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\eb4cca4f06a15158c3f7e2c56516729b\System.Core.ni.dll.aux	unknown	900	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\Microsoft.NET\assembly\GAC_32\mscorlib\v4.0_4.0.0_0__b77a5c561934e089\mscorlib.dll	unknown	4096	success or wait	1	6E2F12BF	unknown
C:\Windows\Microsoft.NET\assembly\GAC_32\mscorlib\v4.0_4.0.0_0__b77a5c561934e089\mscorlib.dll	unknown	512	success or wait	1	6E2F12BF	unknown
C:\Users\Public\vlc.exe	unknown	4096	success or wait	1	6E2F12BF	unknown
C:\Users\Public\vlc.exe	unknown	512	success or wait	1	6E2F12BF	unknown
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\fe4b221b4109f0c78f57a792500699b5\System.Configuration.ni.dll.aux	unknown	864	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\4fbda26d781323081b45526da6e87b35\System.Xml.ni.dll.aux	unknown	748	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4096	success or wait	1	6D1FB2B3	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4096	end of file	1	6D1FB2B3	ReadFile

Registry Activities

Key Value Created

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Run	SMTP Service	unicode	C:\Program Files (x86)\SMTP Service\smtpsvc.exe	success or wait	1	6D1FAEBE	RegSetValueExW

Analysis Process: schtasks.exe PID: 2256 Parent PID: 2956

General

Start time:	11:55:29
Start date:	18/11/2020
Path:	C:\Windows\SysWOW64\schtasks.exe
Wow64 process (32bit):	true
Commandline:	'schtasks.exe' /create /f /tn 'SMTP Service' /xml 'C:\Users\user\AppData\Local\Temp\tmp759D.tmp'
Imagebase:	0xd60000
File size:	179712 bytes
MD5 hash:	2003E9B15E1C502B146DAD2E383AC1E3
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

File Read

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\tmp759D.tmp	unknown	2	success or wait	1	D68F47	ReadFile
C:\Users\user\AppData\Local\Temp\tmp759D.tmp	unknown	1287	success or wait	1	D6900C	ReadFile

Analysis Process: schtasks.exe PID: 1552 Parent PID: 2956

General

Start time:	11:55:30
Start date:	18/11/2020
Path:	C:\Windows\SysWOW64\schtasks.exe
Wow64 process (32bit):	true
Commandline:	'schtasks.exe' /create /f /tn 'SMTP Service Task' /xml 'C:\Users\user\AppData\Local\Temp\tmp785C.tmp'
Imagebase:	0x760000
File size:	179712 bytes
MD5 hash:	2003E9B15E1C502B146DAD2E383AC1E3
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

File Read

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\tmp785C.tmp	unknown	2	success or wait	1	768F47	ReadFile
C:\Users\user\AppData\Local\Temp\tmp785C.tmp	unknown	1311	success or wait	1	76900C	ReadFile

Analysis Process: taskeng.exe PID: 620 Parent PID: 860

General

Start time:	11:55:31
Start date:	18/11/2020
Path:	C:\Windows\System32\taskeng.exe
Wow64 process (32bit):	false
Commandline:	taskeng.exe {3F163B95-C921-42AE-AFC4-E420462D2554} S-1-5-21-966771315-3019405637-367336477-1006:user-PC\user:Interactive:[1]
Imagebase:	0xff080000
File size:	464384 bytes
MD5 hash:	65EA57712340C09B1B0C427B4848AE05
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	moderate

File Activities

File Read

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Windows\System32\Tasks\SMTP Service	unknown	2	success or wait	1	FF08433D	ReadFile
C:\Windows\System32\Tasks\SMTP Service	unknown	2652	success or wait	1	FF0843A4	ReadFile
C:\Windows\System32\Tasks\SMTP Service Task	unknown	2	success or wait	1	FF08433D	ReadFile
C:\Windows\System32\Tasks\SMTP Service Task	unknown	2700	success or wait	1	FF0843A4	ReadFile

Registry Activities

Key Value Created

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\Handshake\{3F163B95-C921-42AE-AFC4-E420462D2554}	data	binary	4D 45 4F 57 01 00 00 00 E4 B7 BD 92 8B F2 A0 46 B5 51 45 A5 2B DD 51 25 00 00 00 00 00 00 FC D3 A0 71 63 DC 39 8B DA 95 AA 0C B7 BD 2B D0 01 6C 00 00 6C 02 00 00 E2 19 0A 2B 7A 4C D4 17 00 00 00 00	success or wait	1	FF092CB8	RegSetValueExW

Analysis Process: vbc.exe PID: 2016 Parent PID: 620

General

Start time:	11:55:32
Start date:	18/11/2020
Path:	C:\Users\Public\vbc.exe
Wow64 process (32bit):	true
Commandline:	C:\Users\Public\vbc.exe 0
Imagebase:	0x120000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	- Rule: Nanocore_RAT_Gen_2, Description: Detects the Nanocore RAT, Source: 0000000F.00000002.2307261141.00000000034B9000.00000004.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 0000000F.00000002.2307261141.00000000034B9000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 0000000F.00000002.2307261141.00000000034B9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>

Reputation:	low
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File Activities

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe	read data or list directory read attributes delete synchronize generic write	device sparse file	sequential only non directory file	object name collision	1	512CC53	CopyFileW
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe	read attributes delete synchronize generic write	device sparse file	sequential only non directory file	object name collision	1	512CC53	CopyFileW

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	6E3C7995	unknown
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	6135	success or wait	1	6E3C7995	unknown
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\7582400666d289c016013ad0f6e0e3e6\mscorlib.ni.dll.aux	unknown	176	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6E3CA1A4	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Windows.Forms\fb06ad4bc55b9c3ca68a3f9259d826cd\System.Windows.Forms.ni.dll.aux	unknown	1720	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\1be7a15b1f33bf22e4f53aaf45518c77\System.ni.dll.aux	unknown	620	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Drawing\g1d52bd4ac5e0a6422058a5d62c9f6d9d\System.Drawing.ni.dll.aux	unknown	584	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\b4cca4f06a15158c3f7e2c56516729b\System.Core.ni.dll.aux	unknown	900	success or wait	1	6E2DDE2C	ReadFile

Analysis Process: smtpsvc.exe PID: 1164 Parent PID: 620

General

Start time:	11:55:32
Start date:	18/11/2020
Path:	C:\Program Files (x86)\SMTP Service\smtpsvc.exe
Wow64 process (32bit):	true
Commandline:	'C:\Program Files (x86)\SMTP Service\smtpsvc.exe' 0
Imagebase:	0x1020000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
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: 00000010.00000002.2308206391.00000000034F9000.00000004.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000010.00000002.2308206391.00000000034F9000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000010.00000002.2308206391.00000000034F9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>

Antivirus matches:	- Detection: 100%, Joe Sandbox ML - Detection: 23%, ReversingLabs
Reputation:	low

File Activities

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe	read data or list directory read attributes delete synchronize generic write	device sparse file	sequential only non directory file	object name collision	1	52ECC53	CopyFileW
C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe	read attributes delete synchronize generic write	device sparse file	sequential only non directory file	object name collision	1	52ECC53	CopyFileW

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	6E3C7995	unknown
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	6135	success or wait	1	6E3C7995	unknown
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\7582400666d289c016013ad0f6e0e3e6\mscorlib.ni.dll.aux	unknown	176	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config	unknown	4095	success or wait	1	6E3CA1A4	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Windows.Forms\fb06ad4bc55b9c3ca68a3f9259d826cd\System.Windows.Forms.ni.dll.aux	unknown	1720	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\1be7a15b1f33bf22e4f53aaf45518c77\System.ni.dll.aux	unknown	620	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Drawing\1d52bd4ac5e0a6422058a5d62c9f6d9d\System.Drawing.ni.dll.aux	unknown	584	success or wait	1	6E2DDE2C	ReadFile
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\eb4cca4f06a15158c3f7e2c56516729b\System.Core.ni.dll.aux	unknown	900	success or wait	1	6E2DDE2C	ReadFile

Analysis Process: vlc.exe PID: 2524 Parent PID: 1388

General

Start time:	11:55:34
Start date:	18/11/2020
Path:	C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe'
Imagebase:	0x11a0000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
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: 00000011.00000002.2307722949.0000000003679000.00000004.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000011.00000002.2307722949.0000000003679000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000011.00000002.2307722949.0000000003679000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Antivirus matches:	- Detection: 100%, Joe Sandbox ML - Detection: 23%, ReversingLabs
Reputation:	low

Analysis Process: smtpsvc.exe PID: 1108 Parent PID: 1388**General**

Start time:	11:55:42
Start date:	18/11/2020
Path:	C:\Program Files (x86)\SMTP Service\smtpsvc.exe
Wow64 process (32bit):	true
Commandline:	'C:\Program Files (x86)\SMTP Service\smtpsvc.exe'
Imagebase:	0x1020000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
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: 00000012.00000002.2329341948.00000000034F9000.00000004.00000001.sdmp, Author: Florian Roth • Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000012.00000002.2329341948.00000000034F9000.00000004.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000012.00000002.2329341948.00000000034F9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

Analysis Process: vlc.exe PID: 2796 Parent PID: 1388**General**

Start time:	11:55:54
Start date:	18/11/2020
Path:	C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe'
Imagebase:	0x11a0000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
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: 00000013.00000002.2330228588.0000000003679000.00000004.00000001.sdmp, Author: Florian Roth • Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000013.00000002.2330228588.0000000003679000.00000004.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000013.00000002.2330228588.0000000003679000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

Analysis Process: vbc.exe PID: 1520 Parent PID: 2016**General**

Start time:	11:56:11
Start date:	18/11/2020
Path:	C:\Users\Public\vbc.exe
Wow64 process (32bit):	false
Commandline:	C:\Users\Public\vbc.exe
Imagebase:	0x120000
File size:	798720 bytes

MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	low

Analysis Process: vbc.exe PID: 2340 Parent PID: 2016

General

Start time:	11:56:20
Start date:	18/11/2020
Path:	C:\Users\Public\vbc.exe
Wow64 process (32bit):	true
Commandline:	C:\Users\Public\vbc.exe
Imagebase:	0x120000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	- Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000015.00000002.2320926216.00000000024F1000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000015.00000002.2320926216.00000000024F1000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000015.00000002.2321066951.00000000034F9000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000015.00000002.2321066951.00000000034F9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> - Rule: Nanocore_RAT_Gen_2, Description: Detects the Nanocore RAT, Source: 00000015.00000002.2319296048.0000000000402000.00000040.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000015.00000002.2319296048.0000000000402000.00000040.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000015.00000002.2319296048.0000000000402000.00000040.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

Analysis Process: vlc.exe PID: 2152 Parent PID: 2524

General

Start time:	11:56:20
Start date:	18/11/2020
Path:	C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe
Wow64 process (32bit):	true
Commandline:	C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe
Imagebase:	0x11a0000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET

Yara matches:	- Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000016.00000002.2320144510.0000000002671000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000016.00000002.2320144510.0000000002671000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> - Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000016.00000002.2317509791.000000000402000.00000040.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000016.00000002.2317509791.000000000402000.00000040.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000016.00000002.2317509791.000000000402000.00000040.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000016.00000002.2320316767.0000000003679000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000016.00000002.2320316767.0000000003679000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

Analysis Process: smtpsvc.exe PID: 1744 Parent PID: 1164

General

Start time:	11:56:20
Start date:	18/11/2020
Path:	C:\Program Files (x86)\SMTP Service\smtpsvc.exe
Wow64 process (32bit):	true
Commandline:	C:\Program Files (x86)\SMTP Service\smtpsvc.exe
Imagebase:	0x1020000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	- Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000017.00000002.2321076230.00000000024F1000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000017.00000002.2321076230.00000000024F1000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000017.00000002.2321277835.00000000034F9000.00000004.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000017.00000002.2321277835.00000000034F9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> - Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000017.00000002.2318434814.000000000402000.00000040.00000001.sdmp, Author: Florian Roth - Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000017.00000002.2318434814.000000000402000.00000040.00000001.sdmp, Author: Joe Security - Rule: NanoCore, Description: unknown, Source: 00000017.00000002.2318434814.000000000402000.00000040.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

Analysis Process: smtpsvc.exe PID: 2040 Parent PID: 1108

General

Start time:	11:56:29
Start date:	18/11/2020
Path:	C:\Program Files (x86)\SMTP Service\smtpsvc.exe
Wow64 process (32bit):	true
Commandline:	C:\Program Files (x86)\SMTP Service\smtpsvc.exe
Imagebase:	0x1020000

File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
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: 00000018.00000002.2357810683.0000000000402000.00000040.00000001.sdmp, Author: Florian Roth • Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000018.00000002.2357810683.0000000000402000.00000040.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000018.00000002.2357810683.0000000000402000.00000040.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> • Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000018.00000002.2359615621.00000000024F1000.00000004.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000018.00000002.2359615621.00000000024F1000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> • Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000018.00000002.2359723177.00000000034F9000.00000004.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000018.00000002.2359723177.00000000034F9000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

Analysis Process: vlc.exe PID: 2232 Parent PID: 2796

General

Start time:	11:56:32
Start date:	18/11/2020
Path:	C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe
Wow64 process (32bit):	true
Commandline:	C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\VideoLAN\vlc.exe
Imagebase:	0x11a0000
File size:	798720 bytes
MD5 hash:	678DAC5FC4C6A55F032BA40698895E6A
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	• Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000019.00000002.2360426478.0000000002671000.00000004.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000019.00000002.2360426478.0000000002671000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> • Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000019.00000002.2360527590.0000000003679000.00000004.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000019.00000002.2360527590.0000000003679000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net> • Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000019.00000002.2359327901.0000000000402000.00000040.00000001.sdmp, Author: Florian Roth • Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000019.00000002.2359327901.0000000000402000.00000040.00000001.sdmp, Author: Joe Security • Rule: NanoCore, Description: unknown, Source: 00000019.00000002.2359327901.0000000000402000.00000040.00000001.sdmp, Author: Kevin Breen <kevin@technarchy.net>
Reputation:	low

Disassembly

Code Analysis

