ID: 533021
Sample Name: ltylqhqpele080
Cookbook: default.jbs
Time: 23:25:16
Date: 02/12/2021
Version: 34.0.0 Boulder Opal

Table of Contents

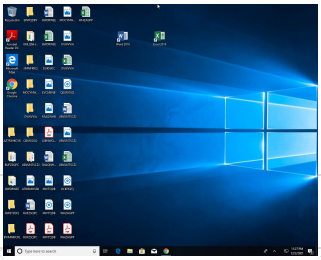
Windows Analysis Report ltylqhqpele080

Overview

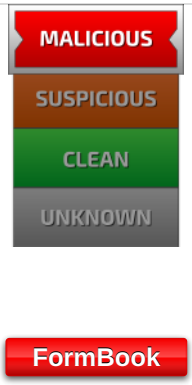
General Information

Sample Name:	ltylqhqpele080 (renamed file extension from none to exe)
Analysis ID:	533021
MD5:	45ee102bc8dcea..
SHA1:	7c2d4af342bec7d..
SHA256:	ecab5de023d847..
Tags:	exe Formbook
Infos:	

Most interesting Screenshot:



Detection



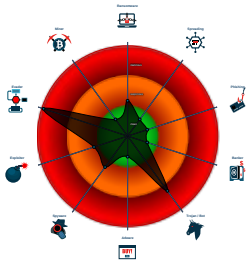
FormBook

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

Signatures

- Found malware configuration
- Snort IDS alert for network traffic (e.…
- Multi AV Scanner detection for subm…
- Yara detected FormBook
- Malicious sample detected (through …
- Yara detected AntiVM3
- Sample uses process hollowing tech…
- Maps a DLL or memory area into an…
- Tries to detect sandboxes and other…
- Self deletion via cmd delete
- .NET source code contains potentia…
- Injects a PE file into a foreign proce…

Classification



Process Tree

- **System is w10x64**
- ltylqhqpele080.exe (PID: 2208 cmdline: "C:\Users\user\Desktop\ltylqhqpele080.exe" MD5: 45EE102BC8DCEA993313FBCF1FF617F8)
  - ltylqhqpele080.exe (PID: 6932 cmdline: C:\Users\user\Desktop\ltylqhqpele080.exe MD5: 45EE102BC8DCEA993313FBCF1FF617F8)
    - explorer.exe (PID: 3424 cmdline: C:\Windows\Explorer.EXE MD5: AD5296B280E8F522A8A897C96BAB0E1D)
      - wscript.exe (PID: 5296 cmdline: C:\Windows\SysWOW64\wscript.exe MD5: 7075DD7B9BE8807FCA93ACD86F724884)
        - cmd.exe (PID: 5584 cmdline: /c del "C:\Users\user\Desktop\ltylqhqpele080.exe" MD5: F3BDBE3BB6F734E357235F4D5898582D)
          - conhost.exe (PID: 6192 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
        - explorer.exe (PID: 5884 cmdline: "C:\Windows\explorer.exe" /LOADSAVEDWINDOWS MD5: AD5296B280E8F522A8A897C96BAB0E1D)
- **cleanup**

Malware Configuration

Threatname: FormBook

```
{
  "C2 list": [
    "www.kjtaxpro.com/r0bh/"
  ],
  "decoy": [
    "karo-tasty.com",
    "canlioyuncuyuz.online",
    "app-demo.xyz",
    "fountainspringscapemay.com",
    "completefuid.com",
    "sideroyalpalacehotel.website",
    "tollesonhouses.com",
    "zjef.top",
    "fuckingmom89.xyz",
    "toituresante.com",
    "arabatas.com",
    "trans-mall.com",
    "davidruperezdorao.com",
    "cspro-lb.com",
    "xiluoxtmcwj.com",
    "medicinaoralbarcelona.com",
    "rayganesh.com",
    "bakosaoje.xyz",
    "8nst.com",
    "nigeriasecurityexpo.com",
    "geradsss.com",
    "nsureagent.com",
    "luxerlegends.com",
    "usedhondacar.com",
    "39mpt.xyz",
    "pellecorentin.com",
    "suddennnnnnnnnnn37.xyz",
    "feierabendshop.com",
    "latest-football.pro",
    "mayyaramedical.com",
    "astrielle.com",
    "icobrothers.media",
    "946aaw.net",
    "resourcesassitance.com",
    "divinebaking.online",
    "allmanac.info",
    "mushukids.com",
    "trendytechtreats.com",
    "clubfohl.com",
    "ttportalbham2.com",
    "productzon.net",
    "ambosholmzoril.com",
    "luosenhuagong.com",
    "zhbhhj.com",
    "eclox-btp.com",
    "oldstjoe.com",
    "longshengfz.com",
    "sarasotaexterminator.com",
    "getjoyce.net",
    "game-band.com",
    "5gongvo.xyz",
    "gcioral.xyz",
    "missuser.info",
    "invertirenstartup.com",
    "018seo.com",
    "angeleyesevents.com",
    "heritzlab.com",
    "eleditorplatense.com",
    "ectax.online",
    "ngaviations.com",
    "spiveyvillage.online",
    "heartfeltgiftery.com",
    "resortonannamariais.land",
    "crktinc.com"
  ]
}
```


Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000000.00000002.670774502.00000000028A1000.00000004.00000001.sdmp	JoeSecurity_AntiVM_3	Yara detected AntiVM_3	Joe Security	
00000009.00000002.921450922.0000000002380000.00000040.00020000.sdmp	JoeSecurity_FormBook	Yara detected FormBook	Joe Security	

Source	Rule	Description	Author	Strings
00000009.00000002.921450922.0000000002380000.00000040.00020000.sdmp	Formbook_1	autogenerated rule brought to you by yara-signator	Felix Bilstein - yara-signator at cocacoding dot com	• 0x8608:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x8992:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x146a5:$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94 • 0x14191:$sequence_2: 3B 4F 14 73 95 85 C9 74 91 • 0x147a7:$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F • 0x1491f:$sequence_4: 5D C3 8D 50 7C 80 FA 07 • 0x93aa:$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 83 E3 0F C1 EA 06 • 0x1340c:$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8 • 0xa122:$sequence_7: 66 89 0C 02 5B 8B E5 5D • 0x19b97:$sequence_8: 3C 54 74 04 3C 74 75 F4 • 0x1ac3a:$sequence_9: 56 68 03 01 00 00 8D 85 95 FE FF FF 6A 00
00000009.00000002.921450922.0000000002380000.00000040.00020000.sdmp	Formbook	detect Formbook in memory	JPCERT/CC Incident Response Group	• 0x16ac9:$sqlite3step: 68 34 1C 7B E1 • 0x16bdc:$sqlite3step: 68 34 1C 7B E1 • 0x16af8:$sqlite3text: 68 38 2A 90 C5 • 0x16c1d:$sqlite3text: 68 38 2A 90 C5 • 0x16b0b:$sqlite3blob: 68 53 D8 7F 8C • 0x16c33:$sqlite3blob: 68 53 D8 7F 8C
00000009.00000002.922183985.0000000002C90000.00000004.00000001.sdmp	JoeSecurity_FormBook	Yara detected FormBook	Joe Security	
Click to see the 31 entries				

Unpacked PEs

Source	Rule	Description	Author	Strings
4.0.ltylqhqpele080.exe.400000.6.unpack	JoeSecurity_FormBook	Yara detected FormBook	Joe Security	
4.0.ltylqhqpele080.exe.400000.6.unpack	Formbook_1	autogenerated rule brought to you by yara-signator	Felix Bilstein - yara-signator at cocacoding dot com	• 0x7808:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x7b92:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x138a5:$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94 • 0x13391:$sequence_2: 3B 4F 14 73 95 85 C9 74 91 • 0x139a7:$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F • 0x13b1f:$sequence_4: 5D C3 8D 50 7C 80 FA 07 • 0x85aa:$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 83 E3 0F C1 EA 06 • 0x1260c:$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8 • 0x9322:$sequence_7: 66 89 0C 02 5B 8B E5 5D • 0x18d97:$sequence_8: 3C 54 74 04 3C 74 75 F4 • 0x19e3a:$sequence_9: 56 68 03 01 00 00 8D 85 95 FE FF FF 6A 00
4.0.ltylqhqpele080.exe.400000.6.unpack	Formbook	detect Formbook in memory	JPCERT/CC Incident Response Group	• 0x15cc9:$sqlite3step: 68 34 1C 7B E1 • 0x15ddc:$sqlite3step: 68 34 1C 7B E1 • 0x15cf8:$sqlite3text: 68 38 2A 90 C5 • 0x15e1d:$sqlite3text: 68 38 2A 90 C5 • 0x15d0b:$sqlite3blob: 68 53 D8 7F 8C • 0x15e33:$sqlite3blob: 68 53 D8 7F 8C
4.0.ltylqhqpele080.exe.400000.8.raw.unpack	JoeSecurity_FormBook	Yara detected FormBook	Joe Security	
4.0.ltylqhqpele080.exe.400000.8.raw.unpack	Formbook_1	autogenerated rule brought to you by yara-signator	Felix Bilstein - yara-signator at cocacoding dot com	• 0x8608:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x8992:$sequence_0: 03 C8 0F 31 2B C1 89 45 FC • 0x146a5:$sequence_1: 3C 24 0F 84 76 FF FF FF 3C 25 74 94 • 0x14191:$sequence_2: 3B 4F 14 73 95 85 C9 74 91 • 0x147a7:$sequence_3: 3C 69 75 44 8B 7D 18 8B 0F • 0x1491f:$sequence_4: 5D C3 8D 50 7C 80 FA 07 • 0x93aa:$sequence_5: 0F BE 5C 0E 01 0F B6 54 0E 02 83 E3 0F C1 EA 06 • 0x1340c:$sequence_6: 57 89 45 FC 89 45 F4 89 45 F8 • 0xa122:$sequence_7: 66 89 0C 02 5B 8B E5 5D • 0x19b97:$sequence_8: 3C 54 74 04 3C 74 75 F4 • 0x1ac3a:$sequence_9: 56 68 03 01 00 00 8D 85 95 FE FF FF 6A 00
Click to see the 24 entries				

Sigma Overview

No Sigma rule has matched

Jbx Signature Overview

Click to jump to signature section

AV Detection:

- Found malware configuration
- Multi AV Scanner detection for submitted file
- Yara detected FormBook

Networking:

- Snort IDS alert for network traffic (e.g. based on Emerging Threat rules)
- C2 URLs / IPs found in malware configuration

E-Banking Fraud:

- Yara detected FormBook

System Summary:

- Malicious sample detected (through community Yara rule)

Data Obfuscation:

- .NET source code contains potential unpacker

Hooking and other Techniques for Hiding and Protection:

- Self deletion via cmd delete

Malware Analysis System Evasion:

- Yara detected AntiVM3
- Tries to detect sandboxes and other dynamic analysis tools (process name or module or function)
- Tries to detect virtualization through RDTSC time measurements

HIPS / PFW / Operating System Protection Evasion:

- Sample uses process hollowing technique
- Maps a DLL or memory area into another process
- Injects a PE file into a foreign processes
- Queues an APC in another process (thread injection)
- Modifies the context of a thread in another process (thread injection)

Stealing of Sensitive Information:

- Yara detected FormBook

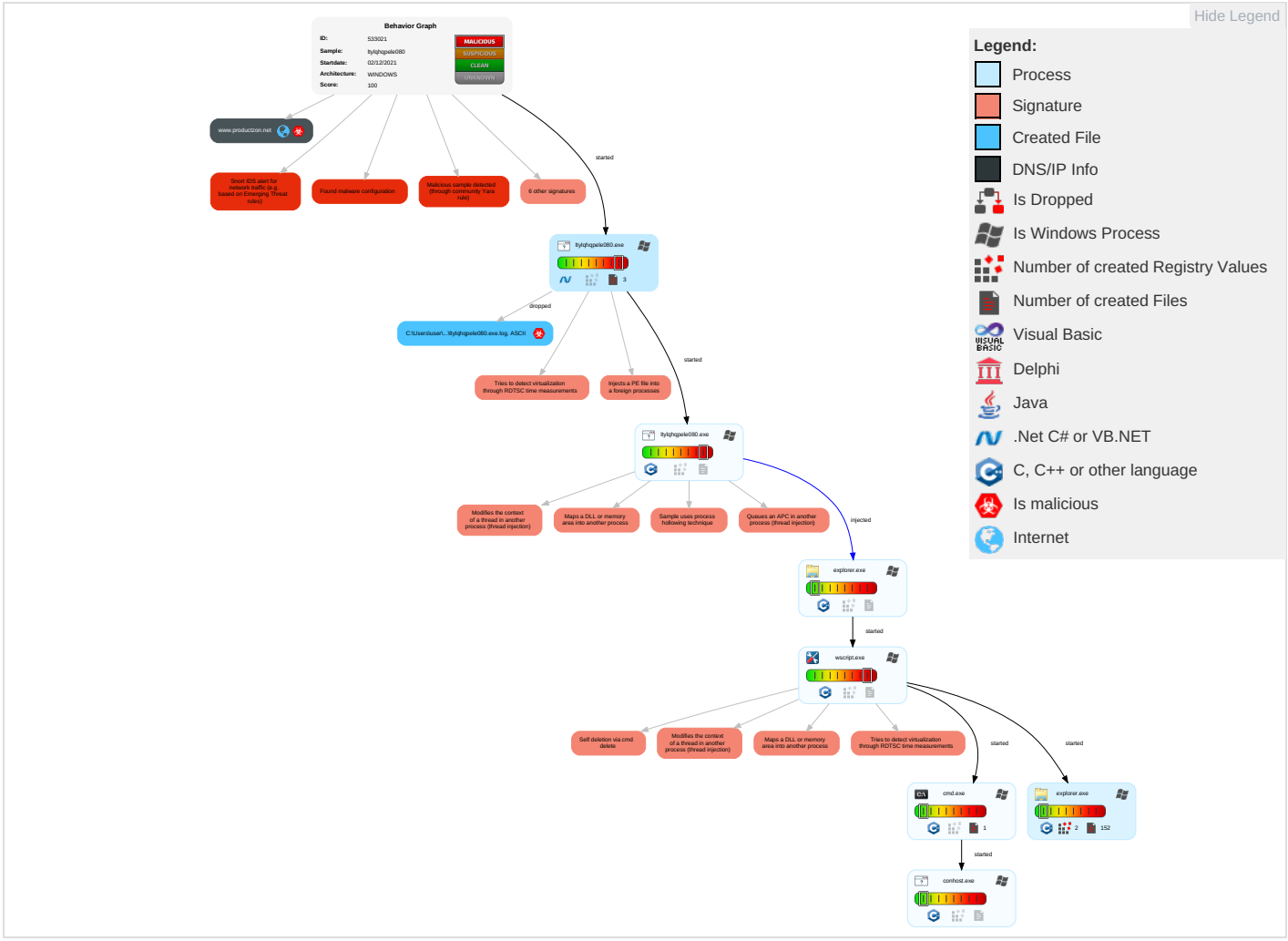
Remote Access Functionality:

- Yara detected FormBook

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects
Valid Accounts	Shared Modules 1	Path Interception	Process Injection 5 1 2	Masquerading 1	Input Capture 1	Query Registry 1	Remote Services	Input Capture 1	Exfiltration Over Other Network Medium	Encrypted Channel 1	Eavesdrop c Insecure Network Communica
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	Disable or Modify Tools 1	LSASS Memory	Security Software Discovery 2 3 1	Remote Desktop Protocol	Archive Collected Data 1	Exfiltration Over Bluetooth	Non-Application Layer Protocol 1	Exploit SS7 Redirect Phc Calls/SMS
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Virtualization/Sandbox Evasion 4 1	Security Account Manager	Process Discovery 2	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Application Layer Protocol 1 1	Exploit SS7 Track Devic Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Process Injection 5 1 2	NTDS	Virtualization/Sandbox Evasion 4 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM Card Swap
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Deobfuscate/Decode Files or Information 1	LSA Secrets	File and Directory Discovery 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communica
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Obfuscated Files or Information 4	Cached Domain Credentials	System Information Discovery 1 1 2	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamming or Denial of Service
External Remote Services	Scheduled Task	Startup Items	Startup Items	Software Packing 1 3	DCSync	Network Sniffing	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	Rogue Wi-Fi Access Poin
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Timestomp 1	Proc Filesystem	Network Service Scanning	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol	Downgrade Insecure Protocols
Exploit Public-Facing Application	PowerShell	At (Linux)	At (Linux)	File Deletion 1	/etc/passwd and /etc/shadow	System Network Connections Discovery	Software Deployment Tools	Data Staged	Exfiltration Over Asymmetric Encrypted Non-C2 Protocol	Web Protocols	Rogue Cellu Base Statior

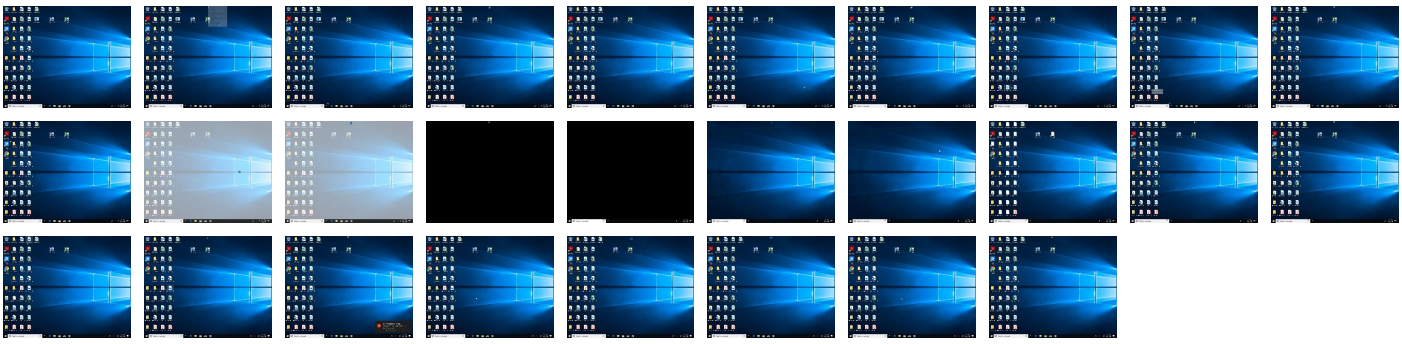
Behavior Graph



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
ltylqhqpele080.exe	36%	Virustotal		Browse
ltylqhqpele080.exe	70%	ReversingLabs	ByteCode-MSIL.Trojan.AgentTesla	

Dropped Files

No Antivirus matches

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
4.0.ltylqhqpele080.exe.400000.6.unpack	100%	Avira	TR/Crypt.ZPACK.Gen		Download File
4.2.ltylqhqpele080.exe.400000.0.unpack	100%	Avira	TR/Crypt.ZPACK.Gen		Download File
4.0.ltylqhqpele080.exe.400000.4.unpack	100%	Avira	TR/Crypt.ZPACK.Gen		Download File
4.0.ltylqhqpele080.exe.400000.8.unpack	100%	Avira	TR/Crypt.ZPACK.Gen		Download File

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://www.founder.com.cn/cn/bThe	0%	URL Reputation	safe	
http://www.tiro.com	0%	URL Reputation	safe	
http://www.goodfont.co.kr	0%	URL Reputation	safe	
http://www.carterandcone.coml	0%	URL Reputation	safe	
http://www.sajatypeworks.com	0%	URL Reputation	safe	
http://www.typography.netD	0%	URL Reputation	safe	
http://www.founder.com.cn/cn/cThe	0%	URL Reputation	safe	
http://www.galapagosdesign.com/staff/dennis.htm	0%	URL Reputation	safe	
http://fontfabrik.com	0%	URL Reputation	safe	
http://www.founder.com.cn/cn	0%	URL Reputation	safe	
http://www.jiyu-kobo.co.jp/	0%	URL Reputation	safe	
http://www.galapagosdesign.com/DPlease	0%	URL Reputation	safe	
http://www.sandoll.co.kr	0%	URL Reputation	safe	
http://schrosoft.com/win/2004/08/events/event	0%	Avira URL Cloud	safe	
http://www.urwpp.deDPlease	0%	URL Reputation	safe	
http://www.zhongyicts.com.cn	0%	URL Reputation	safe	
http://www.sakkal.com	0%	URL Reputation	safe	
http://schemas.microsoft.co	0%	URL Reputation	safe	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
www.productzon.net	217.116.0.191	true	true		unknown

URLs from Memory and Binaries

Contacted IPs

No contacted IP infos

General Information

Joe Sandbox Version:	34.0.0 Boulder Opal
Analysis ID:	533021
Start date:	02.12.2021
Start time:	23:25:16
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 10m 24s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	ltylqhqpele080 (renamed file extension from none to exe)
Cookbook file name:	default.jbs
Analysis system description:	Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211
Number of analysed new started processes analysed:	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:	1
Technologies:	• HCA enabled • EGA enabled • HDC enabled • AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL

Classification:	mal100.troj.evad.winEXE@8/1@1/0
EGA Information:	Failed
HDC Information:	• Successful, ratio: 17.9% (good quality ratio 15.8%) • Quality average: 71.5% • Quality standard deviation: 32%
HCA Information:	• Successful, ratio: 99% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Adjust boot time • Enable AMSI
Warnings:	Show All

Simulations

Behavior and APIs

Time	Type	Description
23:26:11	API Interceptor	1x Sleep call for process: ltylqhqpele080.exe modified
23:27:26	API Interceptor	203x Sleep call for process: explorer.exe modified

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

No context

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\ltylqhqpele080.exe.log

Process:	C:\Users\user\Desktop\ltylqhqpele080.exe
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	1216
Entropy (8bit):	5.355304211458859
Encrypted:	false
SSDEEP:	24:MLUE4K5E4Ks2E1qE4qXKDE4KhK3VZ9pKhPKIE4oKFKHKoZAE4Kzr7FE4x84j:MIHK5HKXE1qHiYHKhQnoPtHoxHhAHKzr
MD5:	FED34146BF2F2FA59DCF8702FCC8232E
SHA1:	B03BFEA175989D989850CF06FE5E7BBF56EAA00A
SHA-256:	123BE4E3590609A008E85501243AF5BC53FA0C26C82A92881B8879524F8C0D5C
SHA-512:	1CC89F2ED1DBD70628FA1DC41A32BA0BFA3E81EAE1A1CF3C5F6A48F2DA0BF1F21A5001B8A18B04043C5B8FE4FBE663068D86AA8C4BD8E17933F75687C3178F F6

C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\ltylqhqpele080.exe.log	
Malicious:	**true**
Reputation:	high, very likely benign file
Preview:	1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll",0..2,"System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..3,"System.Core, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\f1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"System.Configuration, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll",0..3,"System.Xml, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\b219d4630d26b88041b59c21

Static File Info

General

File type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
Entropy (8bit):	7.875247385950229
TrID:	• Win32 Executable (generic) Net Framework (10011505/4) 49.80% • Win32 Executable (generic) a (10002005/4) 49.75% • Generic CIL Executable (.NET, Mono, etc.) (73296/58) 0.36% • Windows Screen Saver (13104/52) 0.07% • Generic Win/DOS Executable (2004/3) 0.01%
File name:	ltylqhqpele080.exe
File size:	386048
MD5:	45ee102bc8dcea993313fbcf1ff617f8
SHA1:	7c2d4af342bec7d137df5ee7bb7048b3db22b692
SHA256:	ecab5de023d8473783a6824f69b59a1bfd7f1223792a96babfb997a292e7d789
SHA512:	46797175745f86e63bdaa1bcb5208cf91b8edc5c4b7de73164b95c2931e0f619c5630f99a9bca12ca714d32c28aa287ccddb6029e38d2ca98012de6232386df9
SSDEEP:	6144:R1SL/CSH+eCEP8iFZhaYoeiAbgrHh5WAzSOyNg5VCSMBa56KJv1B5v16yalpdEfZ:FSHzv7aMiAbwBgwVyS/CSMBa56lv1l7c
File Content Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....PE..L...2.Q.....0..... .....@.. .....@.....@.....

File Icon

Icon Hash:	00828e8e8686b000

Static PE Info

General

Entrypoint:	0x45f90a
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	32BIT_MACHINE, EXECUTABLE_IMAGE
DLL Characteristics:	NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT
Time Stamp:	0xA2510432 [Mon Apr 17 17:34:42 2056 UTC]
TLS Callbacks:	
CLR (.Net) Version:	v4.0.30319
OS Version Major:	4
OS Version Minor:	0
File Version Major:	4
File Version Minor:	0
Subsystem Version Major:	4
Subsystem Version Minor:	0

General

Import Hash:	f34d5f2d4577ed6d9ceec516c1f5a744

Entrypoint Preview

Data Directories

Sections

Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.text	0x2000	0x5d920	0x5da00	False	0.921103137517	data	7.88898363134	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.rsrc	0x60000	0x5d4	0x600	False	0.427734375	data	4.13824425453	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0x62000	0xc	0x200	False	0.044921875	data	0.0980041756627	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ

Resources

Imports

Version Infos

Network Behavior

Snort IDS Alerts

Timestamp	Protocol	SID	Message	Source Port	Dest Port	Source IP	Dest IP
12/02/21-23:28:17.477950	TCP	2031453	ET TROJAN FormBook CnC Checkin (GET)	49882	80	192.168.2.4	217.116.0.191
12/02/21-23:28:17.477950	TCP	2031449	ET TROJAN FormBook CnC Checkin (GET)	49882	80	192.168.2.4	217.116.0.191
12/02/21-23:28:17.477950	TCP	2031412	ET TROJAN FormBook CnC Checkin (GET)	49882	80	192.168.2.4	217.116.0.191

Network Port Distribution

UDP Packets

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Dec 2, 2021 23:28:17.350223064 CET	192.168.2.4	8.8.8.8	0x245a	Standard query (0)	www.producttzon.net	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Dec 2, 2021 23:28:17.408628941 CET	8.8.8.8	192.168.2.4	0x245a	No error (0)	www.producttzon.net		217.116.0.191	A (IP address)	IN (0x0001)

Code Manipulations

Statistics

Behavior

Click to jump to process

System Behavior

Analysis Process: ltylqhqpele080.exe PID: 2208 Parent PID: 3792

General

Start time:	23:26:05
Start date:	02/12/2021
Path:	C:\Users\user\Desktop\ltylqhqpele080.exe
Wow64 process (32bit):	true
Commandline:	"C:\Users\user\Desktop\ltylqhqpele080.exe"
Imagebase:	0x560000
File size:	386048 bytes
MD5 hash:	45EE102BC8DCEA993313FBCF1FF617F8
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Yara matches:	• Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 00000000.00000002.670774502.00000000028A1000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 00000000.00000002.670840541.00000000028DC000.00000004.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000000.00000002.671190577.00000000038A9000.00000004.00000001.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000000.00000002.671190577.00000000038A9000.00000004.00000001.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000000.00000002.671190577.00000000038A9000.00000004.00000001.sdmp, Author: JPCERT/CC Incident Response Group
Reputation:	low

File Activities

Show Windows behavior

File Created

File Written

File Read

Analysis Process: ltylqhqpele080.exe PID: 6932 Parent PID: 2208

General

Start time:	23:26:13
Start date:	02/12/2021
Path:	C:\Users\user\Desktop\ltylqhqpele080.exe
Wow64 process (32bit):	true
Commandline:	C:\Users\user\Desktop\ltylqhqpele080.exe
Imagebase:	0xf30000
File size:	386048 bytes
MD5 hash:	45EE102BC8DCEA993313FBCF1FF617F8
Has elevated privileges:	true

Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000004.00000002.726932121.0000000001C70000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000004.00000002.726932121.0000000001C70000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000004.00000002.726932121.0000000001C70000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000004.00000000.668458884.0000000000400000.00000040.00000001.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000004.00000000.668458884.0000000000400000.00000040.00000001.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000004.00000000.668458884.0000000000400000.00000040.00000001.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000004.00000002.720339473.0000000000400000.00000040.00000001.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000004.00000002.720339473.0000000000400000.00000040.00000001.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000004.00000002.720339473.0000000000400000.00000040.00000001.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000004.00000002.726954760.0000000001CA0000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000004.00000002.726954760.0000000001CA0000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000004.00000002.726954760.0000000001CA0000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000004.00000000.668091433.0000000000400000.00000040.00000001.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000004.00000000.668091433.0000000000400000.00000040.00000001.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000004.00000000.668091433.0000000000400000.00000040.00000001.sdmp, Author: JPCERT/CC Incident Response Group
Reputation:	low

File Activities

Show Windows behavior

File Read

Analysis Process: explorer.exe PID: 3424 Parent PID: 6932

General

Start time:	23:26:15
Start date:	02/12/2021
Path:	C:\Windows\explorer.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\Explorer.EXE
Imagebase:	0x7ff6fee60000
File size:	3933184 bytes
MD5 hash:	AD5296B280E8F522A8A897C96BAB0E1D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Yara matches:	• Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000006.00000000.695160915.000000000E475000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000006.00000000.695160915.000000000E475000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000006.00000000.695160915.000000000E475000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000006.00000000.708796821.000000000E475000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000006.00000000.708796821.000000000E475000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000006.00000000.708796821.000000000E475000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group
Reputation:	high

Analysis Process: wscript.exe PID: 5296 Parent PID: 3424

General

Start time:	23:26:35
Start date:	02/12/2021
Path:	C:\Windows\SysWOW64\wscript.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\wscript.exe
Imagebase:	0x110000
File size:	147456 bytes
MD5 hash:	7075DD7B9BE8807FCA93ACD86F724884
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000009.00000002.921450922.0000000002380000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000009.00000002.921450922.0000000002380000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000009.00000002.921450922.0000000002380000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000009.00000002.922183985.0000000002C90000.00000004.00000001.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000009.00000002.922183985.0000000002C90000.00000004.00000001.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000009.00000002.922183985.0000000002C90000.00000004.00000001.sdmp, Author: JPCERT/CC Incident Response Group • Rule: JoeSecurity_FormBook, Description: Yara detected FormBook, Source: 00000009.00000002.921041516.00000000022C0000.00000040.00020000.sdmp, Author: Joe Security • Rule: Formbook_1, Description: autogenerated rule brought to you by yara-signator, Source: 00000009.00000002.921041516.00000000022C0000.00000040.00020000.sdmp, Author: Felix Bilstein - yara-signator at cocacoding dot com • Rule: Formbook, Description: detect Formbook in memory, Source: 00000009.00000002.921041516.00000000022C0000.00000040.00020000.sdmp, Author: JPCERT/CC Incident Response Group
Reputation:	high

File Activities

Show Windows behavior

File Read

Analysis Process: cmd.exe PID: 5584 Parent PID: 5296

General

Start time:	23:26:40
Start date:	02/12/2021
Path:	C:\Windows\SysWOW64\cmd.exe
Wow64 process (32bit):	true
Commandline:	/c del "C:\Users\user\Desktop\ltylqhqpele080.exe"
Imagebase:	0x11d0000
File size:	232960 bytes
MD5 hash:	F3BDBE3BB6F734E357235F4D5898582D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities Show Windows behavior

Analysis Process: conhost.exe PID: 6192 Parent PID: 5584

General

Start time:	23:26:42
Start date:	02/12/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff6eb840000
File size:	625664 bytes
MD5 hash:	EA777DEEA782E8B4D7C7C33BBF8A4496
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: explorer.exe PID: 5884 Parent PID: 4652

General

Start time:	23:27:25
Start date:	02/12/2021
Path:	C:\Windows\explorer.exe
Wow64 process (32bit):	false
Commandline:	"C:\Windows\explorer.exe" /LOADSAVEDWINDOWS
Imagebase:	0x7ff6fee60000
File size:	3933184 bytes
MD5 hash:	AD5296B280E8F522A8A897C96BAB0E1D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities Show Windows behavior

Registry Activities Show Windows behavior

Disassembly

Code Analysis