

JOeSandbox Cloud BASIC



ID: 319311

Sample Name: PURCHASE
ORDER No-17-11-98543.xlsm

Cookbook:
defaultwindowsofficecookbook.jbs

Time: 07:56:19

Date: 18/11/2020

Version: 31.0.0 Red Diamond

Table of Contents

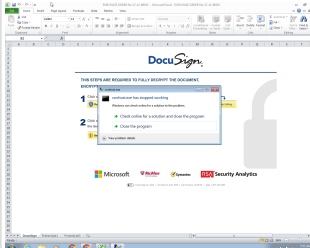
Table of Contents	2
Analysis Report PURCHASE ORDER No-17-11-98543.xlsm	4
Overview	4
General Information	4
Detection	4
Signatures	4
Classification	4
Startup	4
Malware Configuration	4
Yara Overview	4
Memory Dumps	4
Unpacked PEs	4
Sigma Overview	5
System Summary:	5
Signature Overview	5
AV Detection:	5
Software Vulnerabilities:	5
System Summary:	5
Data Obfuscation:	6
Malware Analysis System Evasion:	6
Mitre Att&ck Matrix	6
Behavior Graph	6
Screenshots	7
Thumbnails	7
Antivirus, Machine Learning and Genetic Malware Detection	8
Initial Sample	8
Dropped Files	8
Unpacked PE Files	8
Domains	8
URLs	9
Domains and IPs	9
Contacted Domains	9
Contacted URLs	9
URLs from Memory and Binaries	9
Contacted IPs	9
Public	9
General Information	10
Simulations	10
Behavior and APIs	10
Joe Sandbox View / Context	10
IPs	10
Domains	11
ASN	11
JA3 Fingerprints	11
Dropped Files	11
Created / dropped Files	11
Static File Info	15
General	15
File Icon	15
Static OLE Info	15
General	15
OLE File "PURCHASE ORDER No-17-11-98543.xlsm"	15
Indicators	15
Macro 4.0 Code	15
Network Behavior	15
Network Port Distribution	16

TCP Packets	16
UDP Packets	17
DNS Queries	18
DNS Answers	18
HTTP Request Dependency Graph	18
HTTP Packets	18
Code Manipulations	18
Statistics	19
Behavior	19
System Behavior	19
Analysis Process: EXCEL.EXE PID: 1756 Parent PID: 584	19
General	19
File Activities	19
File Created	19
File Deleted	20
File Moved	20
File Written	21
File Read	29
Registry Activities	30
Key Created	30
Key Value Created	30
Analysis Process: conhost.exe PID: 2512 Parent PID: 1756	35
General	35
Disassembly	35
Code Analysis	35

Analysis Report PURCHASE ORDER No-17-11-98543.xls...

Overview

General Information

Sample Name:	PURCHASE ORDER No-17-11-98543.xlsm
Analysis ID:	319311
MD5:	921ac551fe8d88c..
SHA1:	40702dc4f773cfa..
SHA256:	b1660b65514182..
Tags:	xlsm
Most interesting Screenshot:	

Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

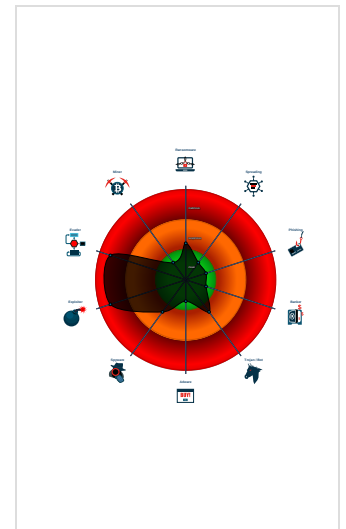
Hidden Macro 4.0

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

Signatures

- Detected unpacking (changes PE se...
- Detected unpacking (overwrites its o...
- Document exploit detected (creates ...
- Document exploit detected (drops P...
- Multi AV Scanner detection for doma...
- Multi AV Scanner detection for dropp...
- Multi AV Scanner detection for subm...
- Office document tries to convince vi...
- Contains functionality to detect slee...
- Document exploit detected (UrlDown...
- Document exploit detected (process...
- Found abnormal large hidden Excel ...
- Machine Learning detection for dropp...

Classification



Startup

- System is w7x64
-  EXCEL.EXE (PID: 1756 cmdline: 'C:\Program Files\Microsoft Office\Office14\EXCEL.EXE' /automation -Embedding MD5: 5FB0A0F93382ECD19F5F499A5CAA59F0)
 -  conhost.exe (PID: 2512 cmdline: 'C:\ETTER\AneDFma\conhost.exe' MD5: F5ECCDDC7EE3DF74B79DF21D04DD56A1)
- cleanup

Malware Configuration

No configs have been found

Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000003.00000003.2117438541.00000000005 80000.00000004.00000001.sdmp	SUSP_XORed_URL_in_EXE	Detects an XORed URL in an executable	Florian Roth	0x58de0:\$s1: 7++/epp
00000003.00000003.2117438541.00000000005 80000.00000004.00000001.sdmp	SUSP_XORed_Mozilla	Detects suspicious XORed keyword - Mozilla/5.0	Florian Roth	0x58b70:\$xo1: /x0D\x18\x0B\x0E\x0E\x03MWLR 0x58c90:\$xo1: ?\x1D\x08\x1B\x1E\x1E\x13G\B
00000003.00000002.2168715128.00000000005 10000.00000040.00000001.sdmp	SUSP_XORed_Mozilla	Detects suspicious XORed keyword - Mozilla/5.0	Florian Roth	0x599c0:\$xo1: /x0D\x18\x0B\x0E\x0E\x03MWLR 0x59ae0:\$xo1: ?\x1D\x08\x1B\x1E\x1E\x13G\B
00000003.00000002.2168603978.00000000002 F8000.00000040.00000001.sdmp	SUSP_XORed_Mozilla	Detects suspicious XORed keyword - Mozilla/5.0	Florian Roth	0x31849:\$xo1: /x0D\x18\x0B\x0E\x0E\x03MWLR 0x31966:\$xo1: ?\x1D\x08\x1B\x1E\x1E\x13G\B
00000003.00000002.2168630722.00000000004 00000.00000040.00020000.sdmp	SUSP_XORed_URL_in_EXE	Detects an XORed URL in an executable	Florian Roth	0x5a7e0:\$s1: 7++/epp 0x60160:\$s1: http:// 0x60160:\$f1: http://

Click to see the 1 entries

Unpacked PE

Source	Rule	Description	Author	Strings
3.2.conhost.exe.400000.0.unpack	SUSP_XORed_URL_in_EXE	Detects an XORed URL in an executable	Florian Roth	0x58de0:\$s1: 7++/epp
3.2.conhost.exe.400000.0.unpack	SUSP_XORed_Mozilla	Detects suspicious XORed keyword - Mozilla/5.0	Florian Roth	0x58b70:\$xo1: /x0D\x18\x0B\x0E\x0E\x03MWLR 0x58c90:\$xo1: ?\x1D\x08\x1B\x1E\x1E\x13]G\B
3.2.conhost.exe.400000.0.raw.unpack	SUSP_XORed_URL_in_EXE	Detects an XORed URL in an executable	Florian Roth	0x5a7e0:\$s1: 7++/epp 0x60160:\$s1: http:// 0x60160:\$f1: http://
3.2.conhost.exe.400000.0.raw.unpack	SUSP_XORed_Mozilla	Detects suspicious XORed keyword - Mozilla/5.0	Florian Roth	0x5a570:\$xo1: /x0D\x18\x0B\x0E\x0E\x03MWLR 0x5a690:\$xo1: ?\x1D\x08\x1B\x1E\x1E\x13]G\B
3.3.conhost.exe.580000.0.raw.unpack	SUSP_XORed_URL_in_EXE	Detects an XORed URL in an executable	Florian Roth	0x58de0:\$s1: 7++/epp

Click to see the 3 entries

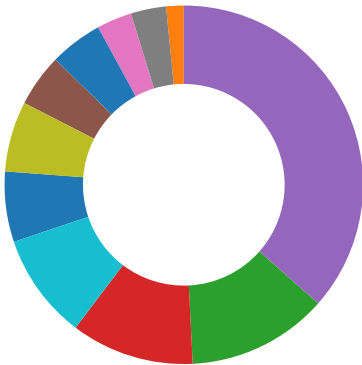
Sigma Overview

System Summary:



Sigma detected: System File Execution Location Anomaly

Signature Overview



- AV Detection
- Spreading
- Software Vulnerabilities
- Networking
- System Summary
- Data Obfuscation
- Persistence and Installation Behavior
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion
- Anti Debugging
- Language, Device and Operating System Detection

Click to jump to signature section

AV Detection:



- Multi AV Scanner detection for domain / URL
- Multi AV Scanner detection for dropped file
- Multi AV Scanner detection for submitted file
- Machine Learning detection for dropped file

Software Vulnerabilities:



- Document exploit detected (creates forbidden files)
- Document exploit detected (drops PE files)
- Document exploit detected (UrlDownloadToFile)
- Document exploit detected (process start blacklist hit)

System Summary:



Office document tries to convince victim to disable security protection (e.g. to enable ActiveX or Macros)
Found abnormal large hidden Excel 4.0 Macro sheet
Office process drops PE file

Data Obfuscation:



Detected unpacking (changes PE section rights)

Detected unpacking (overwrites its own PE header)

Malware Analysis System Evasion:

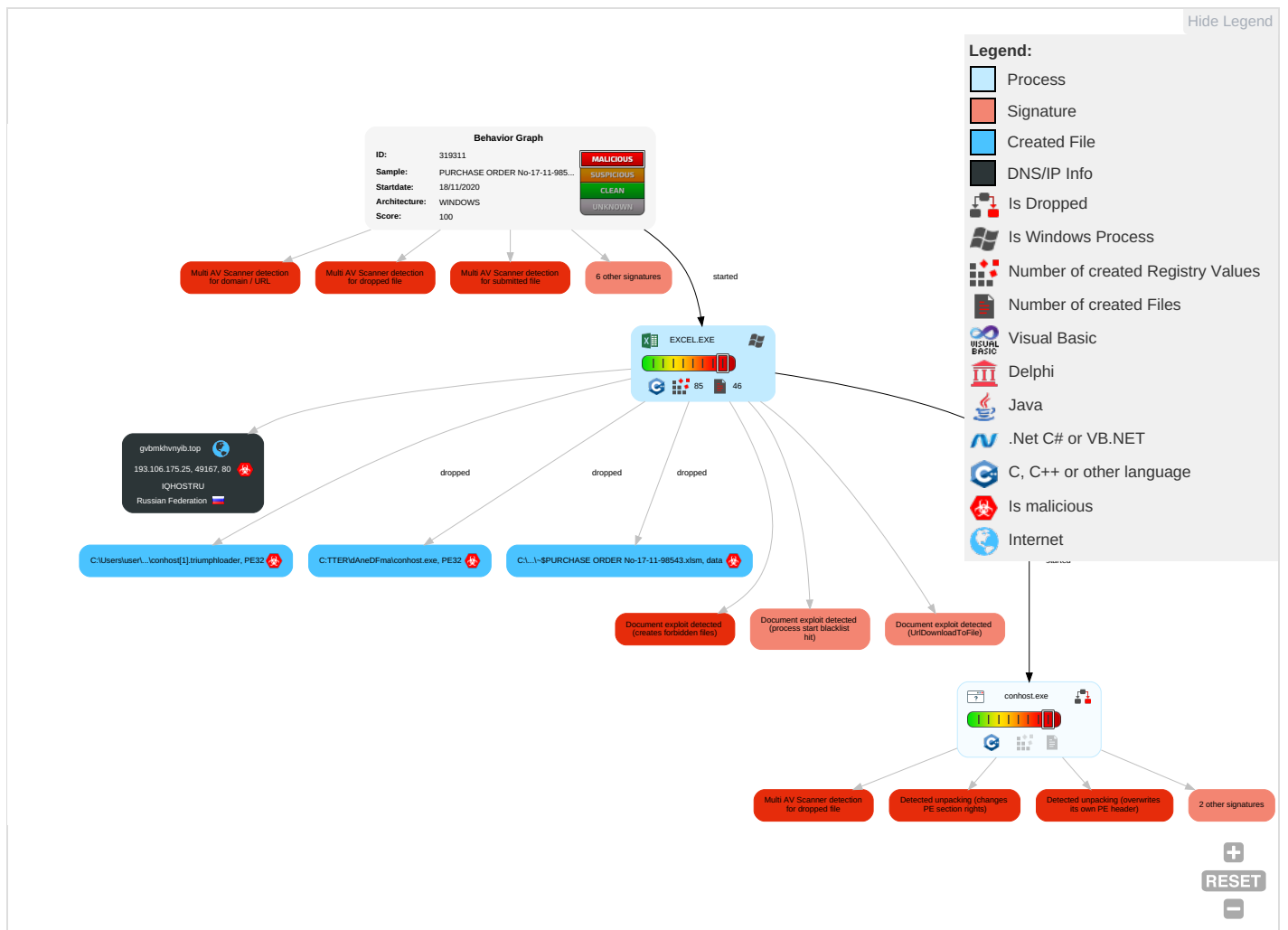


Contains functionality to detect sleep reduction / modifications

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	Command and Scripting Interpreter ²	Application Shimming ¹	Process Injection ¹	Masquerading ^{1 1}	OS Credential Dumping	System Time Discovery ¹	Remote Services	Archive Collected Data ¹	Exfiltration Over Other Network Medium	Encrypted Channel ¹	Eavesdrop Insecure Network Communication
Default Accounts	Scripting ^{1 1}	Boot or Logon Initialization Scripts	Application Shimming ¹	Disable or Modify Tools ¹	LSASS Memory	Security Software Discovery ^{2 4}	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Ingress Tool Transfer ^{1 2}	Exploit SS7 Redirect Pt Calls/SMS
Domain Accounts	Exploitation for Client Execution ^{4 3}	Logon Script (Windows)	Extra Window Memory Injection ¹	Virtualization/Sandbox Evasion ¹	Security Account Manager	Virtualization/Sandbox Evasion ¹	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Non-Application Layer Protocol ²	Exploit SS7 Track Device Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Process Injection ¹	NTDS	File and Directory Discovery ²	Distributed Component Object Model	Input Capture	Scheduled Transfer	Application Layer Protocol ^{2 2}	SIM Card Swap
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Deobfuscate/Decode Files or Information ¹	LSA Secrets	System Information Discovery ^{2 4}	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communication
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Scripting ^{1 1}	Cached Domain Credentials	System Owner/User Discovery	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamming or Denial of Service
External Remote Services	Scheduled Task	Startup Items	Startup Items	Obfuscated Files or Information ²	DCSync	Network Sniffing	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	Rogue Wi-Fi Access Point
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Software Packing ²	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)	Extra Window Memory Injection 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 Cell Base Station

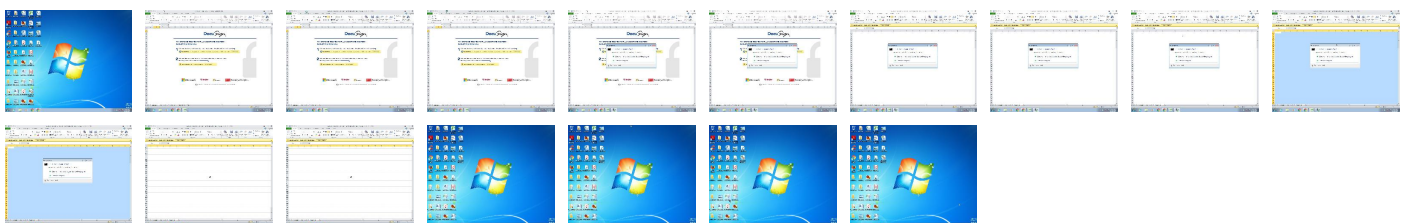
Behavior Graph

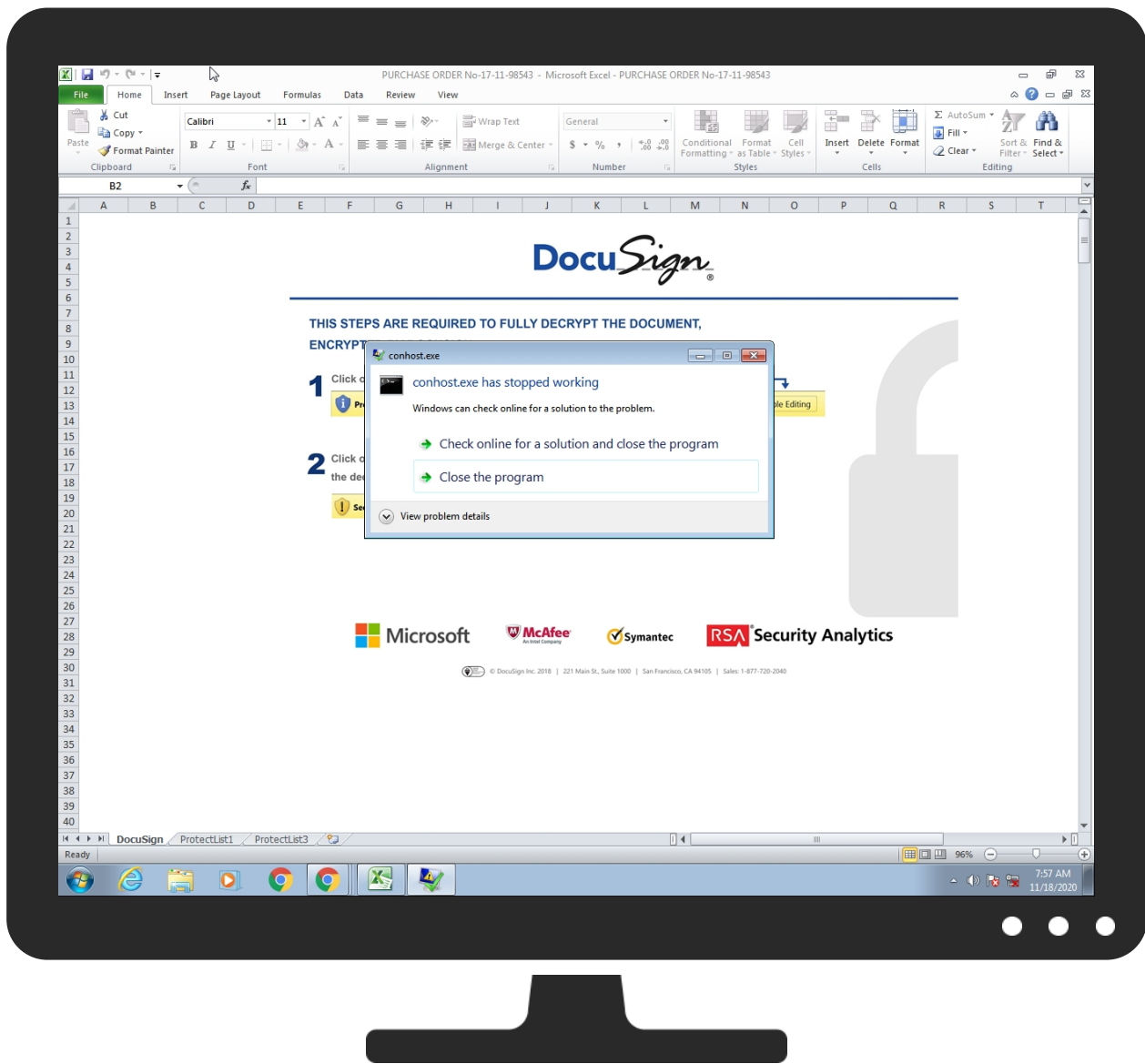


Screenshots

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
PURCHASE ORDER No-17-11-98543.xlsm	9%	VirusTotal		Browse
PURCHASE ORDER No-17-11-98543.xlsm	6%	ReversingLabs	Document-Office.Downloader.SLoad	

Dropped Files

Source	Detection	Scanner	Label	Link
C:\ETTER\AneDFma\conhost.exe	100%	Joe Sandbox ML		
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\T4O403JZ\conhost[1].triumphloader	100%	Joe Sandbox ML		
C:\ETTER\AneDFma\conhost.exe	29%	VirusTotal		Browse
C:\ETTER\AneDFma\conhost.exe	23%	ReversingLabs		
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\T4O403JZ\conhost[1].triumphloader	23%	ReversingLabs		

Unpacked PE Files

No Antivirus matches

Domains

Source	Detection	Scanner	Label	Link
gvbmkhvnyib.top	6%	Virustotal		Browse

URLs

Source	Detection	Scanner	Label	Link
http://gvbmkhvnyib.top/QtuFGobZaW/conhost.triumphloader	7%	Virustotal		Browse
http://gvbmkhvnyib.top/QtuFGobZaW/conhost.triumphloader	0%	Avira URL Cloud	safe	
http://4cnx9s25gsvw.top/syZsNnTNps.vx	0%	Avira URL Cloud	safe	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
gvbmkhvnyib.top	193.106.175.25	true	true	6%, Virustotal, Browse	unknown

Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
http://gvbmkhvnyib.top/QtuFGobZaW/conhost.triumphloader	true	7%, Virustotal, Browse - Avira URL Cloud: safe	unknown

URLs from Memory and Binaries

Name	Source	Malicious	Antivirus Detection	Reputation
http://4cnx9s25gsvw.top/syZsNnTNps.vx	conhost.exe	false	Avira URL Cloud: safe	unknown

Contacted IPs



Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
193.106.175.25	unknown	Russian Federation		50465	IQHOSTRU	true

General Information

Joe Sandbox Version:	31.0.0 Red Diamond
Analysis ID:	319311
Start date:	18.11.2020
Start time:	07:56:19
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 5m 59s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	PURCHASE ORDER No-17-11-98543.xlsm
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:	7
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.expl.evad.winXLSM@3/10@1/1
EGA Information:	Failed
HDC Information:	• Successful, ratio: 4.2% (good quality ratio 4.1%) • Quality average: 74.4% • Quality standard deviation: 19.8%
HCA Information:	• Successful, ratio: 98% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .xlsm • Found Word or Excel or PowerPoint or XPS Viewer • Attach to Office via COM • Scroll down • Close Viewer
Warnings:	Show All • Exclude process from analysis (whitelisted): dllhost.exe, WerFault.exe, svchost.exe • TCP Packets have been reduced to 100

Simulations

Behavior and APIs

No simulations

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
IQHOSTRU	VSL- DOCSVlIthwicBDYP6rk- xlsx.exe	Get hash	malicious	Browse	193.106.175.134
	COS1102213211.exe	Get hash	malicious	Browse	193.106.175.134
	ZT3146457.exe	Get hash	malicious	Browse	193.106.175.134
	PO.W424676.exe	Get hash	malicious	Browse	193.106.175.134
	KYOCERA.pdf.exe	Get hash	malicious	Browse	193.106.175.134
	1pGk0WbLBY.exe	Get hash	malicious	Browse	193.106.175.47
	Invoice.exe	Get hash	malicious	Browse	193.106.175.47
	remittance confirmation.xlsx	Get hash	malicious	Browse	193.106.175.47
	Quotation Complete Overhaul of Main Engine Niigata.exe	Get hash	malicious	Browse	193.106.175.47
	fHKvj3Yr9U.exe	Get hash	malicious	Browse	193.106.175.47
	Bmxcixs_Signed_.exe	Get hash	malicious	Browse	193.106.175.47
	Original Invoice-COAU7226107650.xlsx	Get hash	malicious	Browse	193.106.175.47
	yO07G0lvTRQkenm.exe	Get hash	malicious	Browse	193.106.175.47
	Mg3eGjc18X.exe	Get hash	malicious	Browse	193.106.175.47
	shipment_terms.xlsx	Get hash	malicious	Browse	193.106.175.47
	Bank Details.doc.exe	Get hash	malicious	Browse	193.106.175.47
	6236463D8973.pdf.exe	Get hash	malicious	Browse	193.106.175.47
	SDT_R224e18032356210_XLS.exe	Get hash	malicious	Browse	193.106.175.47
	0KtzKZlkMHhoTcu.exe	Get hash	malicious	Browse	193.106.175.47
	eWuKwajjuP.exe	Get hash	malicious	Browse	193.106.175.47

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\ETTERldAneDFmalconhost.exe		
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE	
File Type:	PE32 executable (GUI) Intel 80386, for MS Windows	
Category:	dropped	
Size (bytes):	297472	
Entropy (8bit):	7.789180781231072	
Encrypted:	false	
SSDEEP:	6144:niLXVcyDs4gQBOJVnl5EIoAxl2ioM+pQDCuaN9T3y3Dw6hjNScK:niLXVKJ93cuYWdT3yzppM1	
MD5:	F5ECCDDC7EE3DF74B79DF21D04DD56A1	
SHA1:	5E464AEF69763C3FC25BCEADF8FFF32A405D849	
SHA-256:	D893D3B0E8C2FA238A84EEEC1ADB6DEC0853828D314873BE41EE74280541B6D0	
SHA-512:	10023265D4AAB08D6CED1B32554754BFA3ED1941F6F92ECB21457CB73AFFBA0FAA8C115E2E2B56ECE9EAAEDB04D82C9EFFDDEE65BDE1FF328A8FEB276F9F41578	
Malicious:	true	
Antivirus:	- Antivirus: Joe Sandbox ML, Detection: 100% - Antivirus: Virustotal, Detection: 29%, Browse - Antivirus: ReversingLabs, Detection: 23%	
Reputation:	low	

C:\IETTER\dAneDFmalconhost.exe		 	
Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode...\$.....rh..rh..rh.. ..rh.. ..rh.. ..rh.....rh..ri.rh.. ..rh.. ..rh.. ..rh.Rich. rh.....PE..L...P^.....\$. ..@...@.....Y.<.....&.....0U.....T..@.....@.....text..U#.....\$. ..rdata..0"...@...\$...(.....@..@.data...XJ...p.....L.....@.....tls.....`.....@....rsrc...&.....(...b..... ...@..@.....		

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\T4O403JZ\conhost[1].triumphloader	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PE32 executable (GUI) Intel 80386, for MS Windows
Category:	downloaded
Size (bytes):	297472
Entropy (8bit):	7.789180781231072
Encrypted:	false
SSDEEP:	6144:niLXVcyDs4gQBOJVnl5EIoAxl2ioM+pQDCuaN9T3y3Dw6hjNScK:niLXVKJ93cuYWdT3yzppM1
MD5:	F5ECCDDC7EE3DF74B79DF21D04DD56A1
SHA1:	5E464AEF69763C3FC25BCEADF8FFF32A405D849
SHA-256:	D893D3B0E8C2FA238A84EEEC1ADB6DEC0853828D314873BE41EE74280541B6D0
SHA-512:	10023265D4AAB08D6CED1B32554754BFA3ED1941F6F92ECB21457CB73AFFBA0FAA8C115E2E2B56ECE9EAAEDB04D82C9EFFDDEE65BDE1FF328A8FEB276F9F41578
Malicious:	true
Antivirus:	- Antivirus: Joe Sandbox ML, Detection: 100% - Antivirus: ReversingLabs, Detection: 23%
Reputation:	low
IE Cache URL:	http://gvbmkhvnyib.top/QtuFGobZaW/conhost.triumphloader
Preview:	MZ.....@.....!..L!This program cannot be run in DOS mode...\$.....rh..rh..rh.. ..rh.. ..rh.. ..rh.....rh..ri.rh.. ..rh.. ..rh.. ..rh.Rich. rh.....PE..L...P^.....\$.....@...@.....Y..<.....&.....0U...T..@.....@.....text...U#.....\$.....`..rdata..0"...@...\$...(.....@..@.data...XJ...p.....L.....@.....tls.....`.....@....rsrc...&.....(...b..... ..@..@.....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\71A94C24.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 9 x 6, 8-bit colormap, interlaced
Category:	dropped
Size (bytes):	152
Entropy (8bit):	4.902652329045401
Encrypted:	false
SSDEEP:	3:yionv//thPlzIZRMlp8Lts7CX9/rIReYY2jm6Kpgsyx9yGlvH1p:6v/lhPxpkp8R/BI02j+Odyi9p
MD5:	A2C42F13DD6F6D98613D78C954D8E958
SHA1:	5D6EA91767736E71BB225D9408A21634E959C0EA
SHA-256:	CBA123392EDFD088C8A34FF7DEDfDD581712E1EC70A30B24E95EBF037C29625
SHA-512:	18F11A9EE85D9EAB340FF27FC1FCEBB1F9F0C945AF110364CE93634251E8EFC07A325F24572B42C2EA12EB60195FD94C70F7644C2698DE4BE70C49AC82B318BF
Malicious:	false
Reputation:	low
Preview:	.PNG.....IHDR.....Q.ta....sRGB.....gAMA.....a....PLTE.....U..~....tRNS...OJ....pHYs.....o.d....IDAT.Wc..00...B.....@.....IEND.B`.

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\A97335D5.jpg	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	JPEG image data, JFIF standard 1.01, aspect ratio, density 1x1, segment length 16, progressive, precision 8, 2806x1984, frames 3
Category:	dropped
Size (bytes):	157646
Entropy (8bit):	7.675046596886803
Encrypted:	false
SSDEEP:	3072:5G+FN/z4Oy7iR7Dzg8r/vQWtcGu9SovWBGv8ue+fFPrVPSA7QAp0JOs:51huWtcGWSoyGEAfFgCOEs
MD5:	EB37A7A3F548D1174FD2B0A4255B4843
SHA1:	4BB5CA34A1760676800497D3FE65C4A3596BB383
SHA-256:	1EC71CD6171D14F9BC6DA014D98E41AD5117A9CC70C8D921365FB65221F79C53
SHA-512:	87E29834910DD24ED489DF640689BB2B7E9729FFF33A3CC84295E4CF06F0A0AA0536939C019EC381D5DC5E2C530641E14357195BBCB06010F9D3D0CE8D5ED0F
Malicious:	false
Reputation:	low

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MS\IA97335D5.jpg

Preview:	JFIF.....'.....'##" ""#>1++>H<9<HWNWmhm.....'.....'##" ""#>1++>H<9<HWNWmhm.....".....Wp..O.UmK.....MAK.^.....L..W..i.a!.....j./.....#.e.....*..b./P..M....._"\$..L_@....).Rm....+...6.\0...W.... {.6&{..@4.....
----------	--

C:\Users\user\AppData\Local\Temp\68FE0000

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	402957
Entropy (8bit):	7.779201075265673
Encrypted:	false
SSDEEP:	3072:IKvrVXAx/8mQKPVOmvmplmImonVRQMVG+FN/z4Oy7iR7Dzg8r/vQWtcGu9SovWBGt:I+mvmpmImMD1huWtcGWSoyGEAfFgCOEI
MD5:	CE344653150155D9D547D42876AA35A5
SHA1:	BACD23941EAE898AF6A1BDB30A020BF88747B033
SHA-256:	1EAC165A5F9B3BBDC709205335875FBCF2E6ED4C0E78E41B5B41C21A45550722
SHA-512:	FCDEE4A12FBEB7EE38E41C646D524590E43407A95943F9D5EB5C98D3C897AFEBBDFEEF92F8A428D4CCBF7C2EB212E5E170CF6B6612260AC9C2BB7EBD0D2769F7
Malicious:	false
Reputation:	low
Preview:	.U.N#1...?. E3. ...*...<...[@cw2&~m_{!dl..F q.....lft....-j..B+.Tv..../(.....~.....F.s....y.ig...a.=)L.....\8....:l4..1<X]...B...V./e...).y.oE.....7.b.z..l.r...0...l.k.H.9...o...l..Jbu. !^.If.L.W....M....g.uC.bl....<jL{...L.l....@.^...J.t...6....n.2....t..M....=....n~...~K.=).5...]....A@y.C.o?..c.=d.../...2...t{o...o...o...].CT.j.z.15....=... Qn...5.....PK.....!L.L.....[Content_Types].xml ...{(.....N

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

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Read-Only, Directory, ctime=Tue Oct 17 10:04:00 2017, mtime=Wed Nov 18 14:56:49 2020, atime=Wed Nov 18 14:56:49 2020, length=16384, window=hide
Category:	dropped
Size (bytes):	867
Entropy (8bit):	4.4779282422579785
Encrypted:	false
SSDEEP:	12:85QVJLgXg/XAICPCHaXiB8XzB/UUkh/vX+WnicvbhnbDtZ3YilMMEpxRijKBTdJU:85sj/XTd6jOhXYeNDv3qErNru/
MD5:	163352799BFEEAA2E7ADF3EB03067A17
SHA1:	4E8D4D20F4B0FA986BB362AB09FB984D5A2D0EBE
SHA-256:	DFF13D9964198AD8BB1E83AAF26F4A882BCCAF8B1C355BA22130D163B294D416
SHA-512:	AC5FDDB7A67E02A199BE8C67582028005E8D54CE08DF36D31BFC396C475814FFE868DD90C84E6B33FC4FB8B9C906B7508710EE384F005671CCCA3910A1C41A4
Malicious:	false
Reputation:	low
Preview:	L.....F.....7G.....l.....l.....@.....i.....P.O.i.....+00.../C\.....t.1.....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....rQ....Desktop.d.....QK.XrQ.*....._.....=.....D.e.s.k.t.o.p...@.s.h.e.l.l.3.2...d.l.l.,-2.1. 7.6.9....i.....-...8...[.....?J.....C:\Users\.#.....\l992547\Users.user\Desktop.....\.....\.....\.....\D.e.s.k.t.o.p.....,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.....992547.....D_....3N...W...9r.[*.....]EkD_....3N...W ...9r.[*.....]Ek....

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\PURCHASE ORDER No-17-11-98543.LNK

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Archive, ctime=Wed Aug 26 14:08:16 2020, mtime=Wed Nov 18 14:56:49 2020, atime=Wed Nov 18 14:56:49 2020, length=402957, window=hide
Category:	dropped
Size (bytes):	4456
Entropy (8bit):	4.579357809049034
Encrypted:	false
SSDEEP:	96:8O4/XojFkTyT/EQh2O4/XojFkTyT/EQh2O4/XojFkTyT/EQh2O4/XojFkTyT/EQ/:8yjFSQEqjFSQEqjFSQEqjFSQ/
MD5:	B2D166D12A6637FE97494F0087A1FACF
SHA1:	D94EEE9B0CA669F4BC739B752F4A703BA282BD13
SHA-256:	8B4AA8F791979C5B7C2D9ED6275B6F9CB5086D3B63892799C626B4E123950B27
SHA-512:	2356D8F8431A0DCD2B0FC528E35967CEBE96C301D2F0A701A4698E41FED40E14436459EC5911C1D29FB99CA4A01D557E682372FBDD5641810C21B97A2C2724C
Malicious:	false
Reputation:	low

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\PURCHASE ORDER No-17-11-98543.LNK

Preview:	L.....F.....{.....&.....P.O. .i.....+00.../C:\.....t.1.....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.....2.....rQ.. .PURCHA~1.XLS..r.....Q.y.Q.y*...8.....P.U.R.C.H.A.S.E. .O.R.D.E.R. .N.o.-1.7.-1.1.-9.8.5.4.3...x.l.s.m.....-8...[.....?J.....C :\Users\.#.....\992547\Users.user\Desktop\PURCHASE ORDER No-17-11-98543.xlsm.9.....\.....\.....\D.e.s.k.t.o.p.\P.U.R.C.H.A.S.E. .O.R.D.E.R. .N.o.- .1.7.-1.1.-9.8.5.4.3...x.l.s.m.....;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.-3.6.7.3.6.4.7.7.-1.0.0.
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C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\index.dat

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	ASCII text, with CRLF line terminators
Category:	modified
Size (bytes):	306
Entropy (8bit):	4.979468454503797
Encrypted:	false
SSDEEP:	6:dj+lgg3sTOUlgg3sTmlgg3sTOUlgg3sTmlgg3sTOUlgg3sTmlgg3sTq;dOgrTlgrTCgrTlgrTCgrTlgrTCgrTq
MD5:	AA32031DB61362C7645F72B5CF99760F
SHA1:	DB105CCA2EE4332E413D8BF63DB980BE0D2624C1
SHA-256:	3992E9591EB0D63A33F27CDAAE69B8C03518D89027A1FA1FC693BBED60E795D96
SHA-512:	A59ADDEEDBA11A288BFCFC1047ABFEF0A98B10AA38EFC9C6B013C6B87CFCEFC202D652625619B14DC67E3D250DB572FBAE0B2818B9270E7C1476831D3D0AE251
Malicious:	false
Reputation:	low
Preview:	Desktop.LNK=0..[misc]..PURCHASE ORDER No-17-11-98543.LNK=0..PURCHASE ORDER No-17-11-98543.LNK=0..[misc]..PURCHASE ORDER No-17-11-98543.LNK=0..PURCHASE ORDER No-17-11-98543.LNK=0..[misc]..PURCHASE ORDER No-17-11-98543.LNK=0..PURCHASE ORDER No-17-11-98543.LNK=0..[misc]..PURCHASE ORDER No-17-11-98543.LNK=0..PURCHASE ORDER No-17-11-98543.LNK=0..

C:\Users\user\Desktop\2AFE0000

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	402957
Entropy (8bit):	7.779201075265673
Encrypted:	false
SSDEEP:	3072:IKvrVXAx/8mQKPVOmvmppmlmonVRQMVG+FN/z4Oy7iR7Dzg8r/vQWtcGu9SovWBGt:l+mvmpmlMD1huWtcGWSoyGEAFgCOEI
MD5:	CE344653150155D9D547D42876AA35A5
SHA1:	BACD23941EAE898AF6A1BDB30A020BF88747B033
SHA-256:	1EAC165A5F9B3BBDC709205335875FBCF2E6ED4C0E78E41B5B41C21A45550722
SHA-512:	FCDEE4A12FBEB7EE38E41C646D524590E43407A95943F9D5EB5C98D3C897AFEBBDFEEF92F8A428D4CCBF7C2EB212E5E170FCB6612260AC9C2BB7EBD0D2769F7
Malicious:	false
Reputation:	low
Preview:	.U.N#1....?.[E3. .*.<... @cw2&~m .{!dl..F q.....lft.....-j..B+.Tv...../(.....~.....F.s.....y.ig...a.=)L.....\8.....\4..1<.X]...B...V./e.)..y.oE.....7.b.z..l.r...0...!k.H.9.o...!Jbu. !^If.L.W....M.....g.u.C.bl....<jL{...L.l....@^...J.t...6.....n.2....t...M....=...n~..K.=.)5...]...A@y.C.o?.c.=:d.../...2...t;o...o...o.]....CT.j.z.15...=... Qn...5.....PK.....!L.L.....[Content_Types].xml ...({.....N

C:\Users\user\Desktop~\$PURCHASE ORDER No-17-11-98543.xlsm



Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	495
Entropy (8bit):	1.4377382811115937
Encrypted:	false
SSDEEP:	3:vZ/FFDJw2fj/FFDJw2fj/FFDJw2fj/vBFFGaFFGaFFGS
MD5:	98D7F9B901C91608CD7EA5509662BBCA
SHA1:	F166635CE572B615A1D80076A1AE8DE9220473CF
SHA-256:	F07A8B18E5B50003C4202041E82DDCCFBE254236AF2678C3CEFA709100F4FE
SHA-512:	5536FD72C18081A1CFB46EB2E311BB257764C53B293E0D4B90F9C6C5EFB00E5A3A28190A2D04F3EE2819CF8DC7EBA7747DC8E8910C8716ACA7BAED0532142DC
Malicious:	true
Reputation:	low
Preview:	.userA.l.b.u.s.useruserA.l.b.u.s.

Static File Info

General	
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File type:	Zip archive data, at least v2.0 to extract
Entropy (8bit):	7.772704052855693
TrID:	- Excel Microsoft Office Open XML Format document (40004/1) 83.33% - ZIP compressed archive (8000/1) 16.67%
File name:	PURCHASE ORDER No-17-11-98543.xlsm
File size:	401046
MD5:	921ac551fe8d88c2185f39f0e777eabd
SHA1:	40702dc4f773cfa3fc03c62ec810ba3f5e6b72d
SHA256:	b1660b65514182bf97a767caa264b0500ef14692e69dae1ddca344591e7e016d
SHA512:	41ca8f90604f42fc4a6685293d349e11e4267a2bbb09986a9ba4e5aaccf6424386cf877ddf7dfb5898314a388bce02390537ea7cbe37255f8d3730d050c057aa
SSDEEP:	6144:AESKAVwFGxh1huWtcGWSoyGEAfGCOExMR:tSKAVwFMtuEcd6GEAfF9x4
File Content Preview:	PK.....!.v.Fa.....docProps/app.xml ...(.....

File Icon



Icon Hash:	e4e2aa8aa4bcbcac
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Static OLE Info

General

Document Type:	OpenXML
Number of OLE Files:	1

OLE File "PURCHASE ORDER No-17-11-98543.xlsm"

Indicators

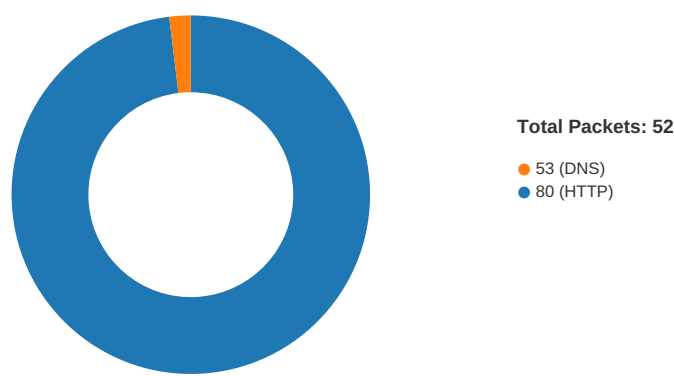
Has Summary Info:	
Application Name:	
Encrypted Document:	
Contains Word Document Stream:	
Contains Workbook/Book Stream:	
Contains PowerPoint Document Stream:	
Contains Visio Document Stream:	
Contains ObjectPool Stream:	
Flash Objects Count:	
Contains VBA Macros:	

Macro 4.0 Code

S_{11}

Network Behavior

Network Port Distribution



TCP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 18, 2020 07:57:22.702124119 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.760700941 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.760807991 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.761539936 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.819969893 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.830245018 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.830284119 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.830322981 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.830338001 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.830382109 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.830415964 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.834037066 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.834095001 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.834167004 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.834170103 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.834219933 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.834230900 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.834289074 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.834362984 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.834403992 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.834440947 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.834477901 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.834654093 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.835695982 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.889010906 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.889027119 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.889090061 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.889094114 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.889122963 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.889137030 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.889257908 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.889316082 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.889333963 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.889379025 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.889451027 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.889496088 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.889579058 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.889630079 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.889655113 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.889700890 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.891089916 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.892719030 CET	80	49167	193.106.175.25	192.168.2.22

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 18, 2020 07:57:22.892774105 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.892829895 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.892855883 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.892894030 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.892968893 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.892992973 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893013000 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893090010 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.893150091 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893174887 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.893232107 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893290043 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.893347979 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893373013 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893455029 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.893526077 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893585920 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.893651009 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.893654108 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893717051 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893781900 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.893857956 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.893861055 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.893913984 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.896778107 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.947757959 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.947827101 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.947845936 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.947926998 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.947952032 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.947954893 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.947993994 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948029041 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948065996 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948134899 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948178053 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948230028 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948272943 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948359013 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948404074 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948508978 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948559046 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948582888 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948622942 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948703051 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948745012 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948831081 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948873997 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.948945999 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.948988914 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.949076891 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.949155092 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.949194908 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.949265003 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.949304104 CET	80	49167	193.106.175.25	192.168.2.22
Nov 18, 2020 07:57:22.949351072 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.949570894 CET	49167	80	192.168.2.22	193.106.175.25
Nov 18, 2020 07:57:22.951247931 CET	80	49167	193.106.175.25	192.168.2.22

UDP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 18, 2020 07:57:22.464179039 CET	52197	53	192.168.2.22	8.8.8.8
Nov 18, 2020 07:57:22.688311100 CET	53	52197	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 07:57:22.464179039 CET	192.168.2.22	8.8.8.8	0xfda2	Standard query (0)	gvbmkhvnyib.top	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Nov 18, 2020 07:57:22.688311100 CET	8.8.8.8	192.168.2.22	0xfda2	No error (0)	gvbmkhvnyib.top		193.106.175.25	A (IP address)	IN (0x0001)

HTTP Request Dependency Graph

- [gvbmkhvnyib.top](#)

HTTP Packets

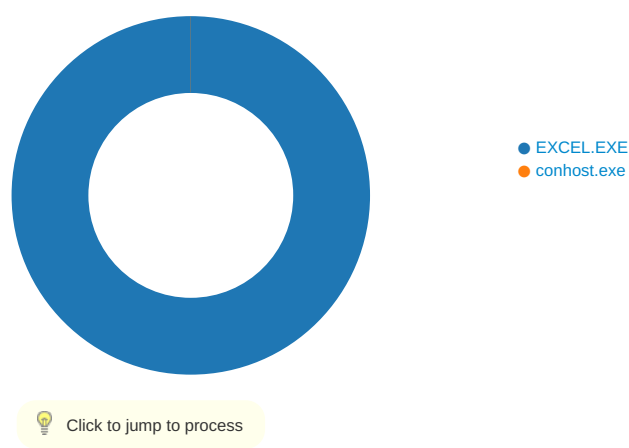
Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
0	192.168.2.22	49167	193.106.175.25	80	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE

[illegible]

Code Manipulations

Statistics

Behavior



System Behavior

Analysis Process: EXCEL.EXE PID: 1756 Parent PID: 584

General

Start time:	07:56:46
Start date:	18/11/2020
Path:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
Wow64 process (32bit):	false
Commandline:	'C:\Program Files\Microsoft Office\Office14\EXCEL.EXE' /automation -Embedding
Imagebase:	0x13f470000
File size:	27641504 bytes
MD5 hash:	5FB0A0F93382ECD19F5F499A5CAA59F0
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\F769.tmp	read attributes synchronize generic read	device	synchronous io non alert non directory file	success or wait	1	13F7BEC83	GetTempFileNameW
C:\Users\user\AppData\Local\Temp\68FE0000	read attributes synchronize generic read generic write	device	synchronous io non alert non directory file open no recall	success or wait	1	7FEEAC59AC0	unknown
C:\Users\user\Desktop\~\$PURCHASE ORDER No-17-11-98543.xlsm	read attributes delete syn chronize generic read generic write	device	synchronous io non alert non directory file delete on close open no recall	success or wait	1	7FEEAC59AC0	unknown
C:\Users\user\Desktop\2AFE0000	read attributes synchronize generic read generic write	device	synchronous io non alert non directory file open no recall	success or wait	1	7FEEAC59AC0	unknown

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\ETTER\	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	success or wait	1	14019828C	CreateDirectoryA
C:\ETTER\dAneDFma\	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	success or wait	1	14019828C	CreateDirectoryA
C:\Users\user	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\Users\user\AppData\Local	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\Users\user	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\Users\user\AppData\Roaming	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\Users\user\AppData\Roaming\Microsoft\Windows\Cookies	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\Users\user	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\Users\user\AppData\Local	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\Users\user\AppData\Local\Microsoft\Windows\History	read data or list directory synchronize	device	directory file synchronous io non alert open for backup ident open reparse point	object name collision	1	14019828C	URLDownloadToFileA
C:\ETTER\dAneDFma\conhost.exe	read attributes synchronize generic write	device	synchronous io non alert non directory file	success or wait	1	14019828C	URLDownloadToFileA

File Deleted

File Path	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\F769.tmp	success or wait	1	13FA2B818	DeleteFileW

File Moved

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\68FE0000	401722	1235	50 4b 01 02 2d 00 14 00 06 00 08 00 00 00 21 00 4c c4 4c 11 ab 01 00 00 ce 06 00 00 13 00 5b 43 6f 6e 74 65 6e 74 5f 54 79 70 65 73 5d 2e 78 6d 6c 50 4b 01 02 2d 00 14 00 06 00 08 00 00 00 21 00 b5 55 30 23 f5 00 00 00 4c 02 00 00 0b 00 00 00 00 00 00 00 00 00 00 00 00 00 e4 03 00 00 5f 72 65 6c 73 2f 2e 72 65 6c 73 50 4b 01 02 2d 00 14 00 06 00 08 00 00 00 21 00 b7 ae d3 c9 30 01 00 00 58 04 00 00 1a 00 00 00 00 00 00 00 00 00 00 00 00 00 0a 07 00 00 78 6c 2f 5f 72 65 6c 73 2f 77 6f 72 6b 62 6f 6f 6b 2e 78 6d 6c 2e 72 65 6c 73 50 4b 01 02 2d 00 14 00 06 00 08 00 00 00 21 00 48 68 1a 18 6a 02 00 00 36 05 00 00 0f 00 00 00 00 00 00 00 00 00 00 00 00 00 7a 09 00 00 78 6c 2f 77 6f 72 6b 62 6f 6f 6b 2e 78 6d 6c	PK..-.....!L.L.....[Content_Types].xmlPK..-.....!..U0#...L_rels/.re IsPK..-.....!....0...X...xl/_rels/wor kbook.xml.relsPK..-.....! Hh..j...6.....Z... xl/workbook.xml	success or wait	1	7FEEAC59AC0	unknown
C:\Users\user\Desktop\~\$PURCHASE ORDER No-17-11-98543.xlsm	unknown	55	05 41 6c 62 75 73 20	.user	success or wait	1	13F6BF526	WriteFile
C:\Users\user\Desktop\~\$PURCHASE ORDER No-17-11-98543.xlsm	unknown	110	05 00 41 00 6c 00 62 00 75 00 73 00 20 00	..A.l.b.u.s.	success or wait	1	13F6BF591	WriteFile

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Users\user\Desktop\PURCHASE ORDER No-17-11-98543.xlsm	0	8	pending	1	7FEEAC59AC0	unknown

Registry Activities

Key Created

Key Path	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\Common\Offline\Options	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency	success or wait	3	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery	success or wait	3	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery\EF7A8	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery\EF9E9	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery\EFAC3	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\StartupItems	success or wait	1	7FEEAC59AC0	unknown

Key Value Created

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Place MRU	Max Display	dword	25	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Max Display	dword	25	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 1	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\6516896632.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 2	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\9713424497.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 3	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\0887538035.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 4	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\8416751812.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 5	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\3580751004.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 6	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\5367203117.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 7	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\3764832265.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 8	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\3013890265.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 9	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\0615447233.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 10	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\4144085054.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 11	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\2109793820.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 12	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\1417002460.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 13	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\1387277564.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 14	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\9281004682.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 15	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\1169381505.xlsx	success or wait	1	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 16	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\9801086636.xlsx	success or wait	1	7FEEAC59AC0	unknown

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Max Display	dword	25	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 1	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\6516896632.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 2	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\9713424497.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 3	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\0887538035.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 4	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\8416751812.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 5	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\3580751004.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 6	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\5367203117.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 7	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\3764832265.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 8	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\3013890265.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 9	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\0615447233.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 10	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\4144085054.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 11	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\2109793820.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 12	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\1417002460.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 13	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\1387277564.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 14	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\9281004682.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 15	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\1169381505.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 16	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\9801086636.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 17	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\7838756049.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 18	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\8416181845.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 19	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\2874006916.xlsx	success or wait	2	7FEEAC59AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 20	unicode	[F0000000][T01D1BB6D4B429860][O0000000]*C:\Users\user\Desktop\9369051781.xlsx	success or wait	2	7FEEAC59AC0	unknown

Key Path	Name	Type	Old Data	New Data	Completion	Count	Source Address	Symbol
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Analysis Process: conhost.exe PID: 2512 Parent PID: 1756

General

Start time:	07:56:50
Start date:	18/11/2020
Path:	C:\ETTER\dAneDFma\conhost.exe
Wow64 process (32bit):	true
Commandline:	'C:\ETTER\dAneDFma\conhost.exe'
Imagebase:	0x400000
File size:	297472 bytes
MD5 hash:	F5ECCDDC7EE3DF74B79DF21D04DD56A1
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: SUSP_XORed_URL_in_EXE, Description: Detects an XORed URL in an executable, Source: 00000003.00000003.2117438541.0000000000580000.00000004.00000001.sdmp, Author: Florian Roth • Rule: SUSP_XORed_Mozilla, Description: Detects suspicious XORed keyword - Mozilla/5.0, Source: 00000003.00000003.2117438541.0000000000580000.00000004.00000001.sdmp, Author: Florian Roth • Rule: SUSP_XORed_Mozilla, Description: Detects suspicious XORed keyword - Mozilla/5.0, Source: 00000003.00000002.2168715128.0000000000510000.00000040.00000001.sdmp, Author: Florian Roth • Rule: SUSP_XORed_Mozilla, Description: Detects suspicious XORed keyword - Mozilla/5.0, Source: 00000003.00000002.2168603978.00000000002F8000.00000040.00000001.sdmp, Author: Florian Roth • Rule: SUSP_XORed_URL_in_EXE, Description: Detects an XORed URL in an executable, Source: 00000003.00000002.2168630722.0000000000400000.00000040.00020000.sdmp, Author: Florian Roth • Rule: SUSP_XORed_Mozilla, Description: Detects suspicious XORed keyword - Mozilla/5.0, Source: 00000003.00000002.2168630722.0000000000400000.00000040.00020000.sdmp, Author: Florian Roth
Antivirus matches:	• Detection: 100%, Joe Sandbox ML • Detection: 29%, Virustotal, Browse • Detection: 23%, ReversingLabs
Reputation:	low

Disassembly

Code Analysis