ID: 427681
Sample Name:
document230134.xlsx
Cookbook:
defaultwindowsofficecookbook.jbs
Time: 15:06:51
Date: 01/06/2021
Version: 32.0.0 Black Diamond

Table of Contents

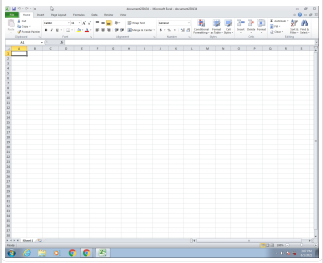
Analysis Report document230134.xlsx

Overview

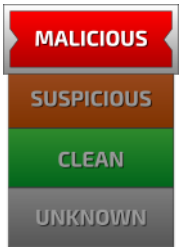
General Information

Sample Name:	document230134.xlsx
Analysis ID:	427681
MD5:	badd03190784a6..
SHA1:	5bb5f2ca6419e2e.
SHA256:	16b1d0cbb8eb48..
Infos:	

Most interesting Screenshot:



Detection

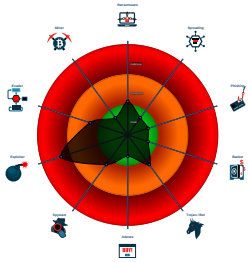


Score:	76
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

- Multi AV Scanner detection for subm…
- Sigma detected: Droppers Exploiting…
- Sigma detected: EQNEDT32.EXE c…
- Machine Learning detection for samp…
- Office equation editor starts process…
- Sigma detected: Microsoft Office Pr…
- Creates a process in suspended mo…
- Internet Provider seen in connection…
- May sleep (evasive loops) to hinder …
- Office Equation Editor has been star…
- Potential document exploit detected…
- Queries the volume information (nam…
- Tries to connect to HTTP servers, b…

Classification



Process Tree

- **System is w7x64**
- EXCEL.EXE (PID: 2068 cmdline: 'C:\Program Files\Microsoft Office\Office14\EXCEL.EXE' /automation -Embedding MD5: 5FB0A0F93382ECD19F5F499A5CAA59F0)
- EQNEDT32.EXE (PID: 2540 cmdline: 'C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE' -Embedding MD5: A87236E214F6D42A65F5DEDAC816AEC8)
  - cmd.exe (PID: 2788 cmdline: C:\Windows\system32\cmd.exe /c C:\Users\Public\name.exe MD5: AD7B9C14083B52BC532FBA5948342B98)
- **cleanup**

Malware Configuration

No configs have been found

Yara Overview

No yara matches

Sigma Overview

Exploits:

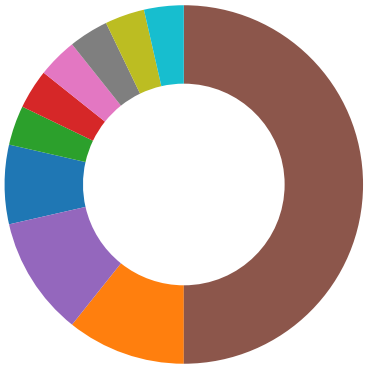
Sigma detected: EQNEDT32.EXE connecting to internet

System Summary:

Sigma detected: Droppers Exploiting CVE-2017-11882

Sigma detected: Microsoft Office Product Spawning Windows Shell

Signature Overview



- AV Detection
- Exploits
- Compliance
- Software Vulnerabilities
- Networking
- System Summary
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion
- HIPS / PFW / Operating System Protection Evasion
- Language, Device and Operating System Detection

Click to jump to signature section

AV Detection:

Multi AV Scanner detection for submitted file

Machine Learning detection for sample

Exploits:

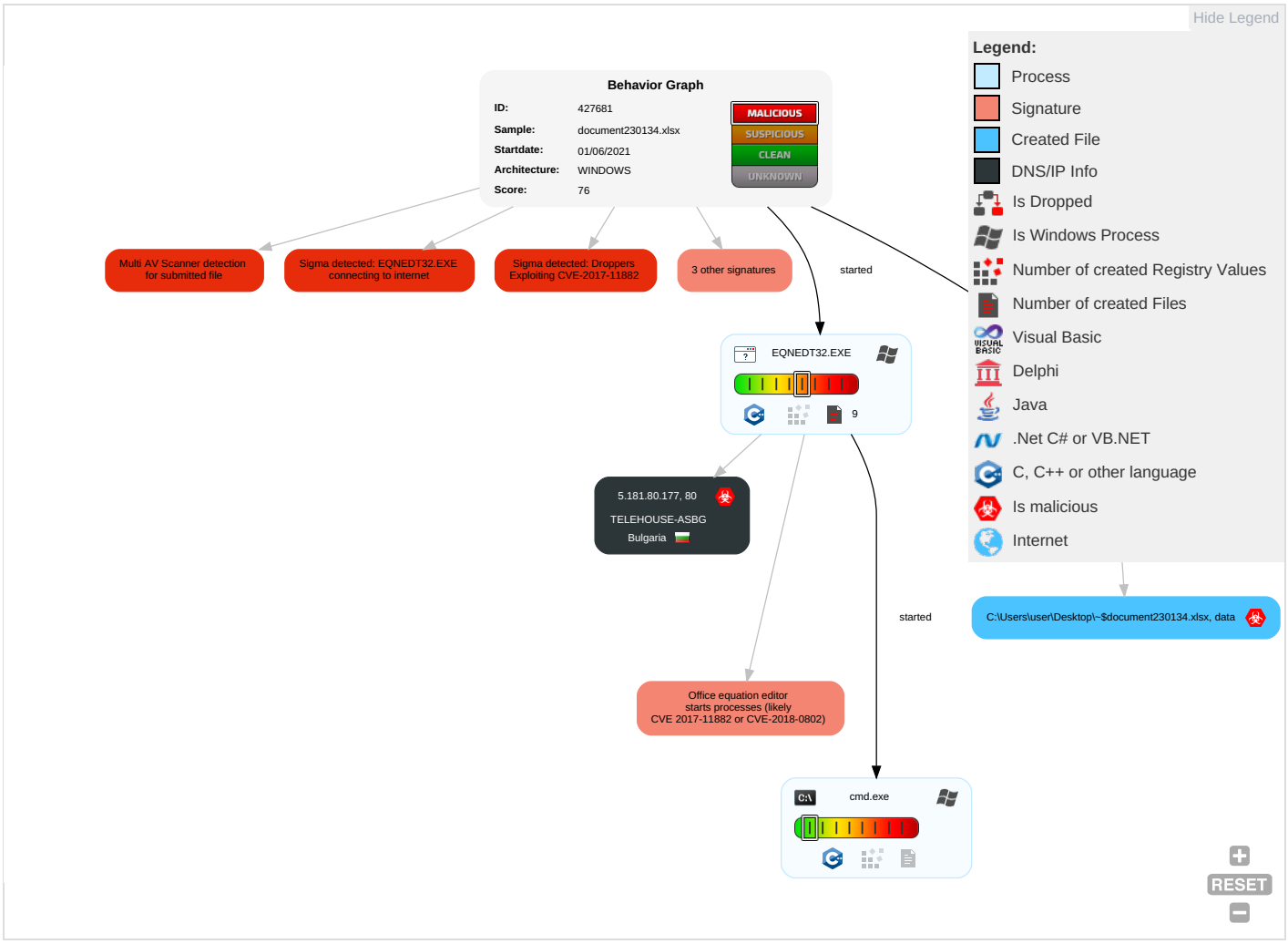
Office equation editor starts processes (likely CVE 2017-11882 or CVE-2018-0802)

System Summary:

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 1	Path Interception	Process Injection 1 1	Masquerading 1	OS Credential Dumping	Virtualization/Sandbox Evasion 1	Remote Services	Data from Local System	Exfiltration Over Other Network Medium	Data Obfuscation	Eavesdrop on Insecure Network Communication
Default Accounts	Exploitation for Client Execution 1 1	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	Virtualization/Sandbox Evasion 1	LSASS Memory	File and Directory Discovery 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Junk Data	Exploit SS7 to Redirect Phone Calls/SMS
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Process Injection 1 1	Security Account Manager	System Information Discovery 1 1	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Steganography	Exploit SS7 to Track Device Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Binary Padding	NTDS	Remote System Discovery 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM Card Swap

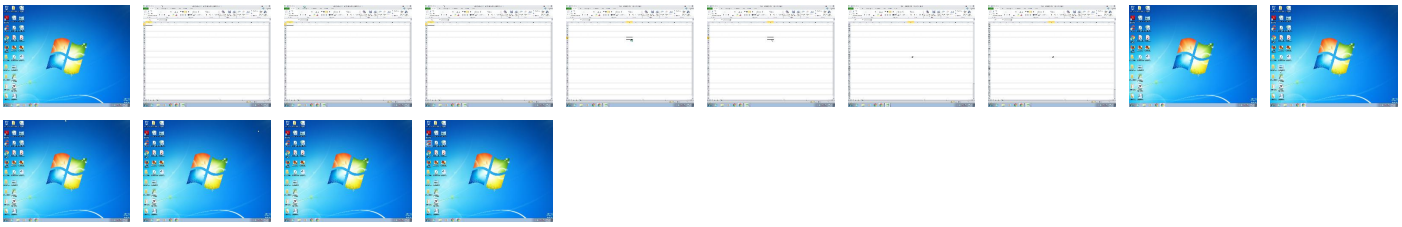
Behavior Graph

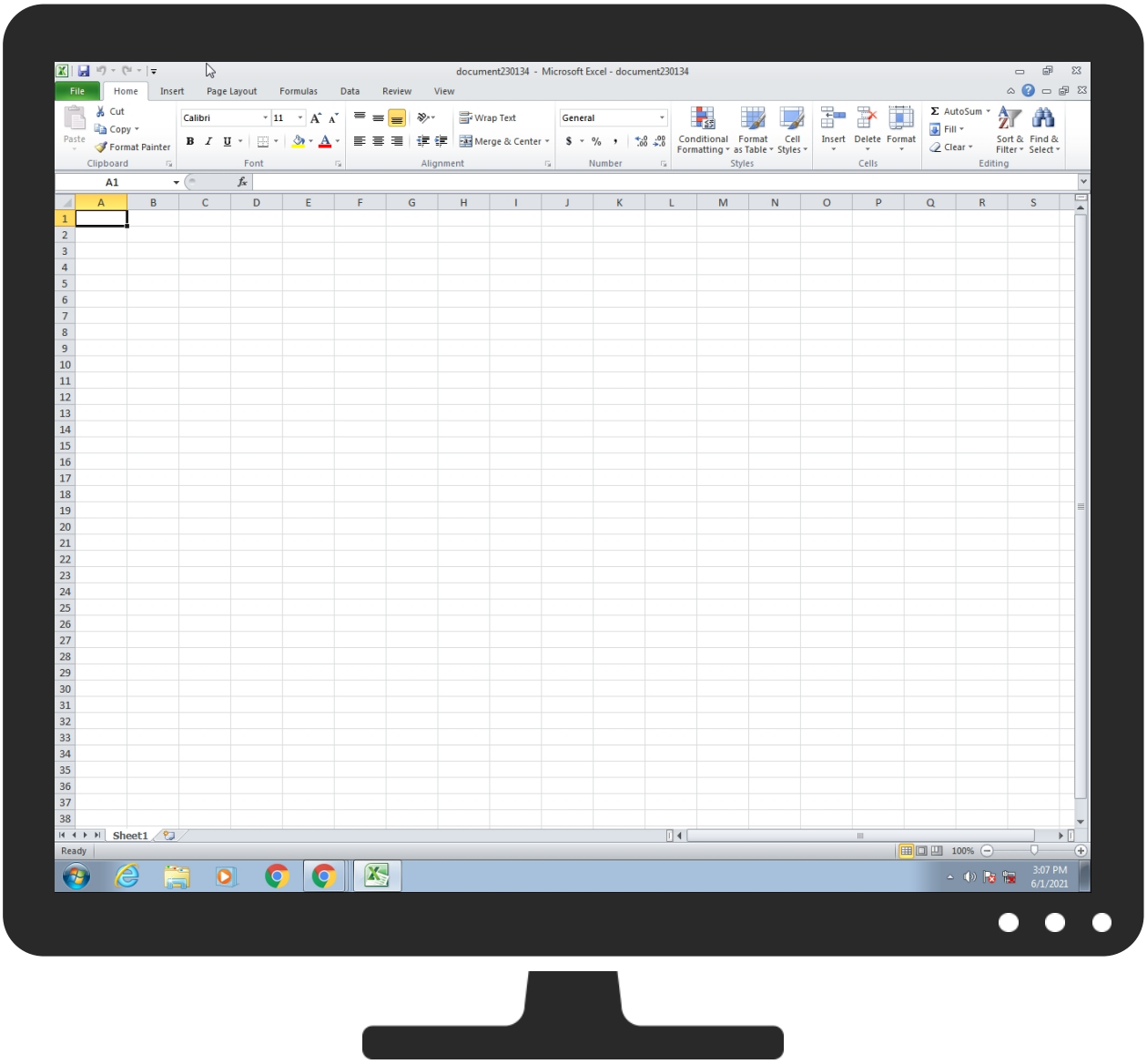


Screenshots

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
document230134.xlsx	53%	Virustotal		Browse
document230134.xlsx	23%	Metadefender		Browse
document230134.xlsx	47%	ReversingLabs	Document-Office.Exploit.CVE-2017-11882	
document230134.xlsx	100%	Joe Sandbox ML		

Dropped Files

No Antivirus matches

Unpacked PE Files

No Antivirus matches

Domains

No Antivirus matches

URLs

No Antivirus matches

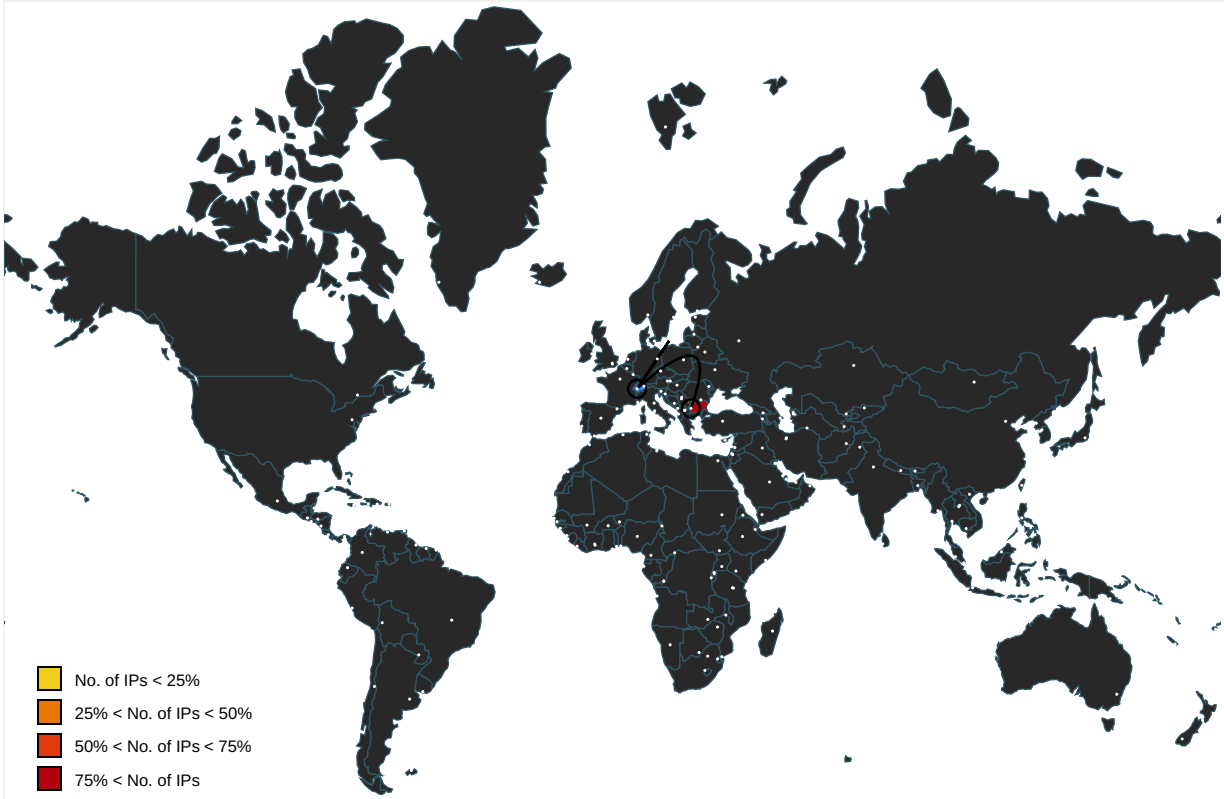
No Antivirus matches

Domains and IPs

Contacted Domains

No contacted domains info

Contacted IPs



Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
5.181.80.177	unknown	Bulgaria		57344	TELEHOUSE-ASBG	true

General Information

Joe Sandbox Version:	32.0.0 Black Diamond
Analysis ID:	427681
Start date:	01.06.2021
Start time:	15:06:51
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 10m 26s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	document230134.xlsx
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:	6
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:	• EGA enabled • HDC enabled • AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal76.expl.winXLSX@4/1@0/1
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .xlsx • 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, conhost.exe • Not all processes where analyzed, report is missing behavior information

Simulations

Behavior and APIs

Time	Type	Description
15:07:53	API Interceptor	95x Sleep call for process: EQNEDT32.EXE modified

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
5.181.80.177	request_list.xlsx	Get hash	malicious	Browse	• 5.181.80.177/craNw2jQBW7dZkj.exe
	faktura #696498.xlsx	Get hash	malicious	Browse	• 5.181.80.177/ob1.exe

Domains

No context

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
TELEHOUSE-ASBG	1AB8.exe.exe	Get hash	malicious	Browse	• 130.185.250.214
	document230134.xlsx	Get hash	malicious	Browse	• 5.181.80.177
	request_list.xlsx	Get hash	malicious	Browse	• 5.181.80.177
	faktura #696498.xlsx	Get hash	malicious	Browse	• 5.181.80.177
	97238623.exe	Get hash	malicious	Browse	• 130.185.250.214
	dhl-tracking.jar	Get hash	malicious	Browse	• 130.185.250.214
	97238623.exe	Get hash	malicious	Browse	• 130.185.250.214
	nzGUqSK11D.exe	Get hash	malicious	Browse	• 217.174.159.110

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Users\user\Desktop\~$document230134.xlsx

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	165
Entropy (8bit):	1.4377382811115937
Encrypted:	false
SSDEEP:	3:vZ/FFDJw2fV:vBFFGS
MD5:	797869BB881CFBCDAC2064F92B26E46F
SHA1:	61C1B8FBF505956A77E9A79CE74EF5E281B01F4B
SHA-256:	D4E4008DD7DFB936F22D9EF3CC569C6F88804715EAB8101045BA1CD0B081F185
SHA-512:	1B8350E1500F969107754045EB84EA9F72B53498B1DC05911D6C7E771316C632EA750FBCE8AD3A82D664E3C65CC5251D0E4A21F750911AE5DC2FC3653E49F58
Malicious:	**true**
Reputation:	high, very likely benign file
Preview:	.user ..A.l.b.u.s. . . . .

Static File Info

General

File type:	Microsoft Excel 2007+
Entropy (8bit):	7.99766702069879
TrID:	• Excel Microsoft Office Open XML Format document (40004/1) 83.33% • ZIP compressed archive (8000/1) 16.67%
File name:	document230134.xlsx
File size:	700955
MD5:	badd03190784a6b9d067f2f7ff309a20
SHA1:	5bb5f2ca6419e2ec079d3b24f708f393a431196a
SHA256:	16b1d0cbb8eb4804ccedaed0abd454606f0d237abe3d4f8ac212ff3a027270c7
SHA512:	f57c35895fb9dfd467dfb0f2dd7267454318e18bf6b059e959e59a64715571b865ee064e452deb49c67ee510da97fa9b89af5c8ce0e094672eecf24c4f360312
SSDEEP:	12288:f1zpUhqcwOnuNy0CezOCi0akxpcBDX+gPPJ+GaEj/b5INqKMq7hS5KC:fUhqvOuNy0Cx0HQDuYJJau/bKy6w0C
File Content Preview:	PK.....8Q.R....~...Z.....[Content_Types].xmlUT.....`...`...`..MO.1...&..M..-..cX8.^L.D=x,...n.t.....|..l.;...t..NoU.l..m..h.-....X?)...c.VdH.....B..E.{~.y]G.....1%.wR..B.0..<G.!..5MdTz.& /Z....'....Ct;}.....a..7.$p(..Mb.*...Y...r../J.....

File Icon

Icon Hash:	e4e2aa8aa4b4bcb4

Static OLE Info

General

Document Type:	OpenXML

General	
Number of OLE Files:	1

OLE File "/opt/package/joesandbox/database/analysis/427681/sample/document230134.xlsx"

Indicators	
Has Summary Info:	False
Application Name:	unknown
Encrypted Document:	False
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:	False

Summary	
Author:	GREEN
Last Saved By:	GREEN
Create Time:	2021-02-03T07:57:22Z
Last Saved Time:	2021-02-03T07:57:35Z
Creating Application:	Microsoft Excel
Security:	0

Document Summary	
Thumbnail Scaling Desired:	false
Company:	
Contains Dirty Links:	false
Shared Document:	false
Changed Hyperlinks:	false
Application Version:	15.0300

Streams

Stream Path: \x1olE10NaTive, File Type: data, Stream Size: 953617

General	
Stream Path:	\x1olE10NaTive
File Type:	data
Stream Size:	953617
Entropy:	6.02549040532
Base64 Encoded:	False
Data ASCII:	. . . . . Y . . . . o . , ... ` . . / . M . . ) . O . . . . . 6 U . . . . . 2 . . G . . . . . _ . . . B . R . . . 2 . h . l . 4 . . . 3 . . . . . B . . . . d . . . f - . . . Z ? 8 . . . . . m . A K . Y . R ^ . f . . . . ? T . . ` u . . . . F . . ` . . 4 n . . . . . ~ . . . 5 p . . . . . p @ . . . l `) . e J . . _ . l . . d 6 . . (u . . . . . S . . . . > . . . p < . . . Q J . y . c . z . P . . . . . < . F M . 4 ! . . h q . . . I k . . . X % . 8 . , : . F . . . . . X [
Data Raw:	bc 10 08 02 03 fd eb b2 59 9c 01 08 ef 6f bd 2c bf 89 d0 81 c5 60 fe bb 2f 8b 4d b0 8b 29 be 4f 98 b9 ff f7 d6 8b 36 55 ff d6 05 14 05 32 1d 05 47 14 ce e2 ff e0 dd 84 5f 9f aa ad 42 00 52 a1 0c 80 32 c1 13 68 de 6c bf 34 80 c8 ae 33 0d 01 d0 97 1c 1c fd 82 b7 42 dc 16 de 04 64 fa 07 f4 66 2d e6 9c 0d 5a 3f 38 9e b0 f1 ae 83 6d ae 41 4b f3 59 d3 52 5e a7 66 a5 b7 ff f4 3f 54 06 82

Stream Path: 94Zni13, File Type: empty, Stream Size: 0

General	
Stream Path:	94Zni13
File Type:	empty
Stream Size:	0
Entropy:	0.0
Base64 Encoded:	False
Data ASCII:	
Data Raw:	

Network Behavior

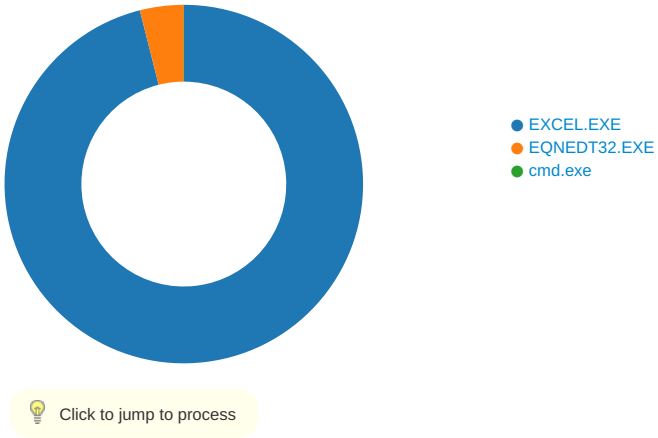
TCP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Jun 1, 2021 15:07:58.285458088 CEST	49165	80	192.168.2.22	5.181.80.177
Jun 1, 2021 15:08:01.280786991 CEST	49165	80	192.168.2.22	5.181.80.177

Code Manipulations

Statistics

Behavior



System Behavior

Analysis Process: EXCEL.EXE PID: 2068 Parent PID: 584

General

Start time:	15:07:34
Start date:	01/06/2021
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:	0x13fde0000
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

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\3EB5.tmp	read attributes | synchronize | generic read	device	synchronous io non alert | non directory file	success or wait	1	14012EC83	GetTempFileNameW

File Deleted

File Path	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\imgs_files\stylesheet.cs~	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\tabstrip.ht~	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\sheet001.ht~	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xm~	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs.rcv	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs.ht~	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\3EB5.tmp	success or wait	1	14039B818	DeleteFileW

File Moved

Old File Path	New File Path	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\imgs_files\stylesheet.css	C:\Users\user\AppData\Local\Temp\imgs_files\stylesheet.cs~..	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\tabstrip.htm	C:\Users\user\AppData\Local\Temp\imgs_files\tabstrip.ht~s~	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\sheet001.htm	C:\Users\user\AppData\Local\Temp\imgs_files\sheet001.ht~s~	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xml	C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xm~s~	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\stylesheet.cs_	C:\Users\user\AppData\Local\Temp\imgs_files\stylesheet.css..	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\tabstrip.ht_	C:\Users\user\AppData\Local\Temp\imgs_files\tabstrip.htmss	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\sheet001.ht_	C:\Users\user\AppData\Local\Temp\imgs_files\sheet001.htmss	success or wait	1	7FEEA9E9AC0	unknown
C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xm_	C:\Users\user\AppData\Local\Temp\imgs_files\filelist.xmlss	success or wait	1	7FEEA9E9AC0	unknown

File Written

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol
C:\Users\user\Desktop\~$document230134.xlsx	unknown	55	05 41 6c 62 75 73 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	.user	success or wait	1	14002F526	WriteFile
C:\Users\user\Desktop\~$document230134.xlsx	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	14002F591	WriteFile

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\Office\14.0\Excel\Resiliency\StartupItems	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\Common\Offline\Options	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery	success or wait	1	7FEEA9E9AC0	unknown

Key Path	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery\F3EF4	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery\F3FAF	success or wait	1	7FEEA9E9AC0	unknown

Key Value Created

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\StartupItems	%x7	binary	25 78 37 00 14 08 00 00 02 00 00 00 00 00 00 00 52 00 00 00 01 00 00 00 28 00 00 00 1E 00 00 00 64 00 6F 00 63 00 75 00 6D 00 65 00 6E 00 74 00 32 00 33 00 30 00 31 00 33 00 34 00 2E 00 78 00 6C 00 73 00 78 00 00 00 64 00 6F 00 63 00 75 00 6D 00 65 00 6E 00 74 00 32 00 33 00 30 00 31 00 33 00 34 00 00 00	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Place MRU	Max Display	dword	25	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Max Display	dword	25	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 1	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\8878498721.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 2	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\3771420242.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 3	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\5795694722.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 4	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\6516896632.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 5	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\9713424497.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 6	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\0887538035.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 7	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\8416751812.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 8	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\3580751004.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 9	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\5367203117.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 10	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\3764832265.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 11	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\3013890265.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 12	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\0615447233.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 13	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\4144085054.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 14	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\2109793820.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 15	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\1417002460.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 16	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\1387277564.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 17	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\9281004682.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 18	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\1169381505.xlsx	success or wait	1	7FEEA9E9AC0	unknown

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 19	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\9801086636.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 20	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\7838756049.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery\F3EF4	F3EF4	binary	04 00 00 00 14 08 00 00 2A 00 00 00 43 00 3A 00 5C 00 55 00 73 00 65 00 72 00 73 00 5C 00 41 00 6C 00 62 00 75 00 73 00 5C 00 41 00 70 00 70 00 44 00 61 00 74 00 61 00 5C 00 4C 00 6F 00 63 00 61 00 6C 00 5C 00 54 00 65 00 6D 00 70 00 5C 00 69 00 6D 00 67 00 73 00 2E 00 68 00 74 00 6D 00 00 00 00 00 22 00 00 00 43 00 3A 00 5C 00 55 00 73 00 65 00 72 00 73 00 5C 00 41 00 6C 00 62 00 75 00 73 00 5C 00 41 00 70 00 70 00 44 00 61 00 74 00 61 00 5C 00 4C 00 6F 00 63 00 61 00 6C 00 5C 00 54 00 65 00 6D 00 70 00 5C 00 01 00 00 00 01 00 00 00 76 D2 AB 99 32 57 D7 01 F4 3E 0F 00 F4 3E 0F 00 00 00 00 00 B8 02 00 00 56 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 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 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 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 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	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Place MRU	Max Display	dword	25	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Max Display	dword	25	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 1	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\8878498721.xlsx	success or wait	1	7FEEA9E9AC0	unknown

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 2	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\3771420242.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 3	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\5795694722.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 4	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\6516896632.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 5	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\9713424497.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 6	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\0887538035.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 7	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\8416751812.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 8	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\3580751004.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 9	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\5367203117.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 10	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\3764832265.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 11	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\3013890265.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 12	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\0615447233.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 13	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\4144085054.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 14	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\2109793820.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 15	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\1417002460.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 16	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\1387277564.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 17	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\9281004682.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 18	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\1169381505.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 19	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\9801086636.xlsx	success or wait	1	7FEEA9E9AC0	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\file mru	Item 20	unicode	[F00000000][T01D1BB6D4B429860][O00000000]*C:\Users\user\Desktop\7838756049.xlsx	success or wait	1	7FEEA9E9AC0	unknown

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Excel\Resiliency\DocumentRecovery\F3FAF	F3FAF	binary	04 00 00 00 14 08 00 00 2A 00 00 00 43 00 3A 00 5C 00 55 00 73 00 65 00 72 00 73 00 5C 00 41 00 6C 00 62 00 75 00 73 00 5C 00 41 00 70 00 70 00 44 00 61 00 74 00 61 00 5C 00 4C 00 6F 00 63 00 61 00 6C 00 5C 00 54 00 65 00 6D 00 70 00 5C 00 69 00 6D 00 67 00 73 00 2E 00 68 00 74 00 6D 00 00 00 00 00 22 00 00 00 43 00 3A 00 5C 00 55 00 73 00 65 00 72 00 73 00 5C 00 41 00 6C 00 62 00 75 00 73 00 5C 00 41 00 70 00 70 00 44 00 61 00 74 00 61 00 5C 00 4C 00 6F 00 63 00 61 00 6C 00 5C 00 54 00 65 00 6D 00 70 00 5C 00 01 00 00 00 01 00 00 00 76 D2 AB 99 32 57 D7 01 AF 3F 0F 00 AF 3F 0F 00 00 00 00 00 B8 02 00 00 56 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 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 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 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 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	success or wait	1	7FEEA9E9AC0	unknown

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

Analysis Process: EQNEDT32.EXE PID: 2540 Parent PID: 584

General

Start time:	15:07:53
Start date:	01/06/2021
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	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

Analysis Process: cmd.exe PID: 2788 Parent PID: 2540

General

Start time:	15:08:00
Start date:	01/06/2021
Path:	C:\Windows\SysWOW64\cmd.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\system32\cmd.exe /c C:\Users\Public\name.exe
Imagebase:	0x4a2f0000
File size:	302592 bytes
MD5 hash:	AD7B9C14083B52BC532FBA5948342B98
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Disassembly