ID: 682651
Sample Name:
ballfin,file,08.11.22.doc
Cookbook:
defaultwindowsofficecookbook.jbs
Time: 20:10:07
Date: 11/08/2022
Version: 35.0.0 Citrine

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Stream Path: PROJECTwm, File Type: data, Stream Size: 41 14
General 14
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Stream Path: VBA/__SRP_2, File Type: data, Stream Size: 5116 14
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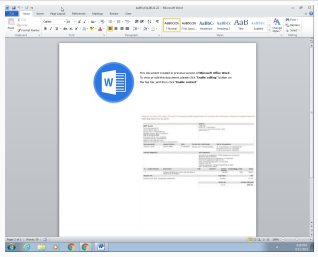
Windows Analysis Report

ballfin,file,08.11.22.doc

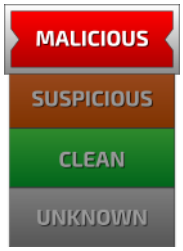
Overview

General Information

Sample Name:	ballfin,file,08.11.22.doc
Analysis ID:	682651
MD5:	75d17f46accbe9…
SHA1:	6ae88b35e85f6fb.
SHA256:	4f479dc5b981aa..
Tags:	doc IcedID
Infos:	



Detection

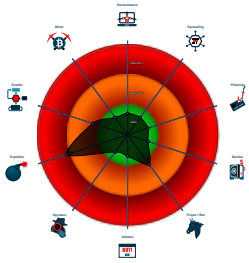


Score:	64
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

- Office document tries to convince v…
- Multi AV Scanner detection for subm…
- Document contains an embedded V…
- Machine Learning detection for sam…
- Potential document exploit detected…
- Tries to connect to HTTP servers, b…
- Document contains an embedded V…
- Document contains embedded VBA…
- IP address seen in connection with …
- Document misses a certain OLE str…

Classification



Process Tree

- **System is w7x64**
- WINWORD.EXE (PID: 2264 cmdline: "C:\Program Files\Microsoft Office\Office14\WINWORD.EXE" /Automation -Embedding MD5: 9EE74859D22DAE61F1750B3A1BACB6F5)
- **cleanup**

Malware Configuration

No configs have been found

Yara Signatures

No yara matches

Sigma Signatures

No Sigma rule has matched

Snort Signatures

No Snort rule has matched

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Joe Sandbox Signatures

AV Detection

Multi AV Scanner detection for submitted file

Machine Learning detection for sample

System Summary

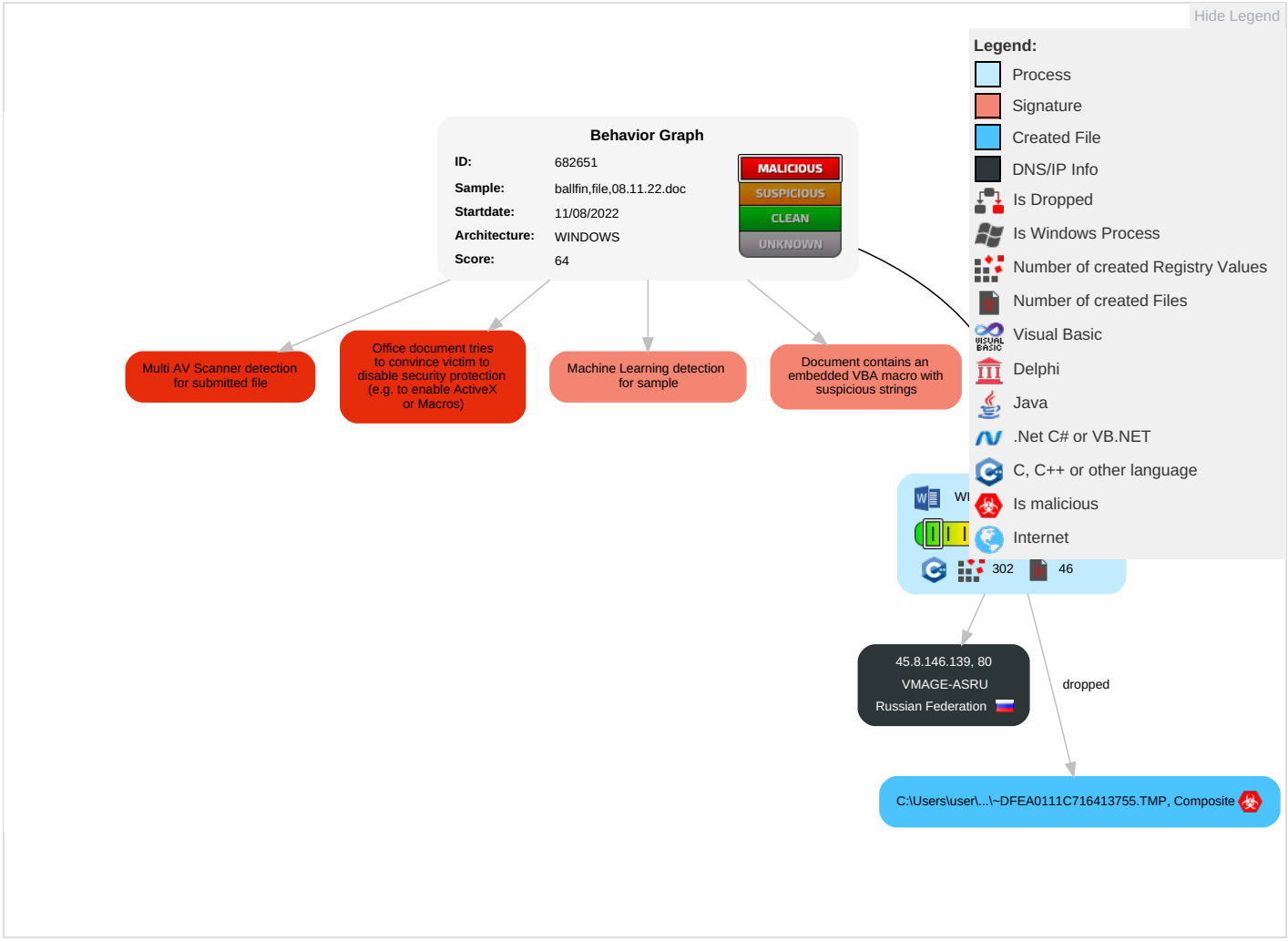
Office document tries to convince victim to disable security protection (e.g. to enable ActiveX or Macros)

Document contains an embedded VBA macro with suspicious strings

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects	Remote Service Effects	Impact
Valid Accounts	1 2 Scripting	Path Interception	Path Interception	1 Masquerading	OS Credential Dumping	1 File and Directory Discovery	Remote Services	Data from Local System	Exfiltration Over Other Network Medium	1 Ingress Tool Transfer	Eavesdrop on Insecure Network Communication	Remotely Track Device Without Authorization	Modify System Partition
Default Accounts	1 Exploitation for Client Execution	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	1 Disable or Modify Tools	LSASS Memory	1 System Information Discovery	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Junk Data	Exploit SS7 to Redirect Phone Calls/SMS	Remotely Wipe Data Without Authorization	Device Lockout
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	1 2 Scripting	Security Account Manager	Query Registry	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Steganography	Exploit SS7 to Track Device Location	Obtain Device Cloud Backups	Delete Device Data

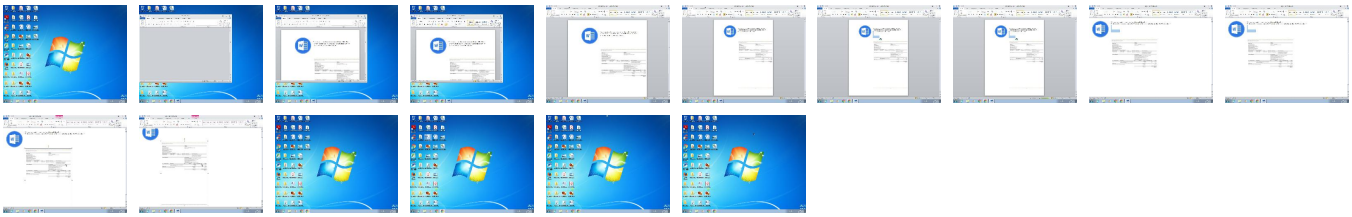
Behavior Graph

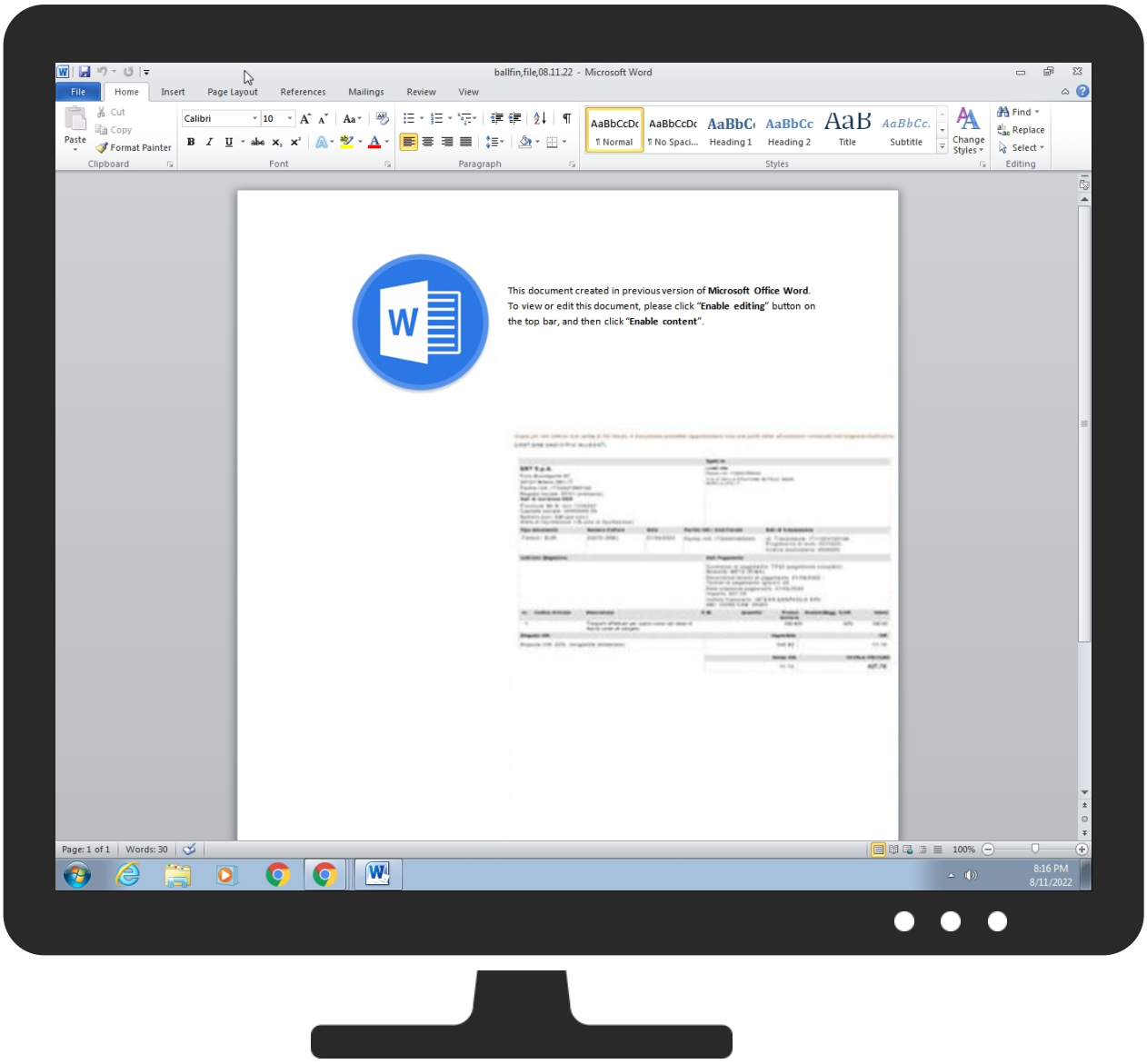


Screenshots

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
ballfin,file,08.11.22.doc	23%	Virustotal		Browse
ballfin,file,08.11.22.doc	16%	ReversingLabs	Script-Macro.Trojan.Amphitryon	
ballfin,file,08.11.22.doc	100%	Joe Sandbox ML		

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Users\user\AppData\Local\Temp\~DFEA0111C716413755.TMP	100%	Joe Sandbox ML		

Unpacked PE Files

No Antivirus matches

Domains

No Antivirus matches

URLs

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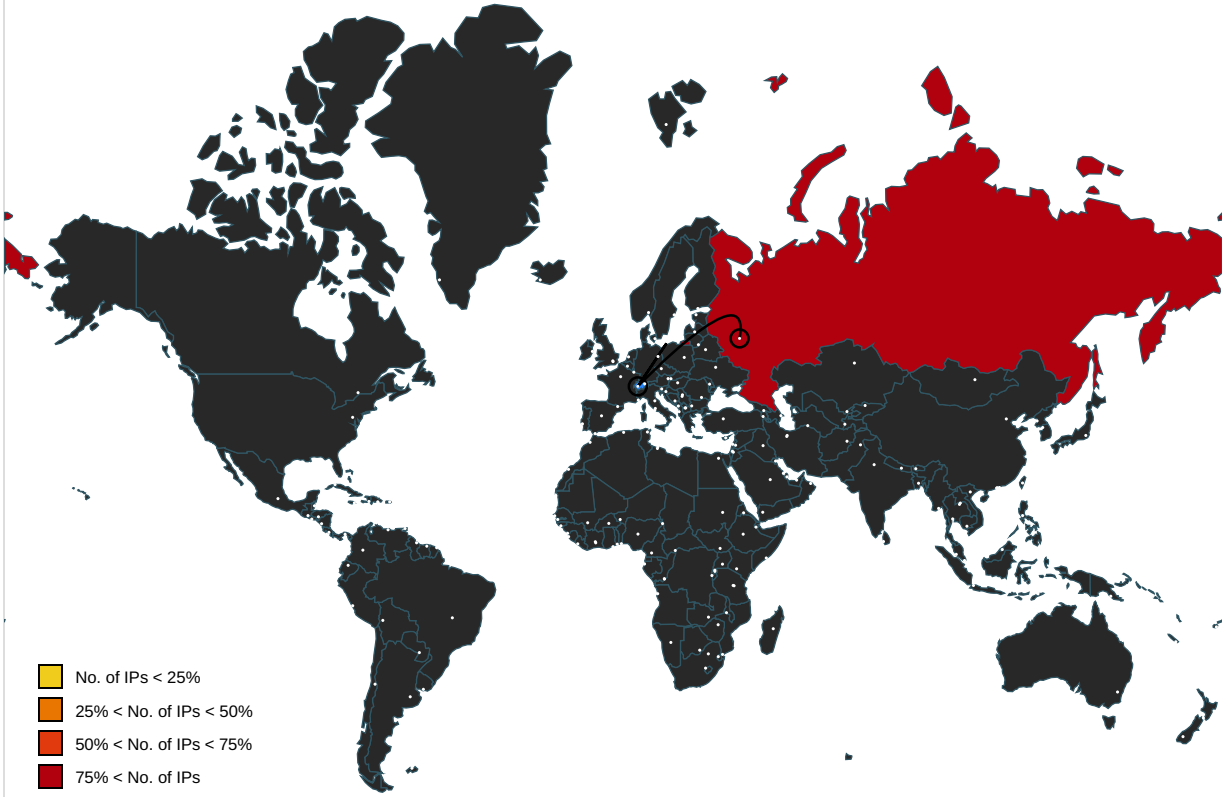
No Antivirus matches

Domains and IPs

Contacted Domains

No contacted domains info

World Map of Contacted IPs



Public IPs

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
45.8.146.139	unknown	Russian Federation		44676	VMAGE-ASRU	false

General Information

Joe Sandbox Version:	35.0.0 Citrine
Analysis ID:	682651
Start date and time:	2022-08-11 20:10:07 +02:00
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 5m 39s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	ballfin,file,08.11.22.doc
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)
Run name:	Without Instrumentation
Number of analysed new started processes analysed:	4
Number of new started drivers analysed:	0
Number of existing processes analysed:	0

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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:	mal64.expl.winDOC@1/11@0/1
EGA Information:	Failed
HDC Information:	Failed
HCA Information:	• Successful, ratio: 100% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Found application associated with file extension: .doc • Adjust boot time • Enable AMSI • Found Word or Excel or PowerPoint or XPS Viewer • Attach to Office via COM • Scroll down • Close Viewer

Warnings

- Exclude process from analysis (whitelisted): dllhost.exe
- Report size getting too big, too many NtQueryAttributesFile calls found.

Simulations

Behavior and APIs

No simulations

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASNs

No context

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\92A494E5.png	
Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	PNG image data, 410 x 568, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	61935
Entropy (8bit):	7.988218918927523
Encrypted:	false
SSDEEP:	1536:vFo53cC4vJ7Y8qgUmqhIIPI2MM+ikJU78DPaFx:vy53qv6nmII0I2ngJAEan
MD5:	4800E90C87A78932178C7D338BA32F43
SHA1:	8006244EDAFF9A31546A17FCF99CB61DA4F69417
SHA-256:	8CD11EB654C64C7315F7B2904D123532F7993FAF2F210B250C4C4D670200FF73
SHA-512:	58994BDC81FF937B05B307C161F852383DAA8504EA17522CD96CDE6EBF99E4992BA64DBEA532424AC16FBD8273999295DBBB74E48A77AAB2122C5701633DC7A3
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.PNG.....IHDR.....8.....X.L.. .IDATx..}i..F.-..\r.E.l..u..3....L....^TR-.....DF...*I.e;i.:U.L&...pq.p.1.HD.Z.@.6.._cc.....>.n....2v..c.%...)..G.?|...>k...bf.....c0.sy..$...a....<.....>".=X1.....1.^|.....|.....I`E..c.#.T.....'.'.....$6&L1.0.H...X&".cp.l...p.>..?.@?.1.Tp.....Y...=D.]....).w=...~..yp..{x/.....d}1.G.h..b."1..-}.0x...O.....<. &n...0.1...el....'".. ....C<t..A.H..4O.L.G....v...6Bd....W{..>..;W.....E.#<..s.^...Q...B.o.=l.lB{...1.ab.$D..:WB$O..V..>..k...y~.w".....A...-.D..;.I.4b.D..E".3...1...f....J.~xv.35G&&....?.acR...P.N....)...U.J....F.I...c$... ....a..z&...1..I...D...b.A4.....U.._.D.Z...E.6.G9t..=..qj...^L.$.;...>..S&dD.X... 1...0.{~.w..P.....1.U(.....j.PM.....9J..[.O2...).12swy%.3..M?NGt_.....Z.....?F..+.....[4@.=.....;.".6..i.c..qH4...Ll...8.kl....="".!..h.g7.\'.....Bb.A...f..o).+..`..++..?u..<.i.M..Gvs..@w.$.2X..'.[.h.8h.3..G.g.E...3..d.)..V*../$)....'"%...F....~...s.1@|.....dE.8D|..d.....N.z..(...

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\EB54F374.png	
Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	PNG image data, 440 x 440, 8-bit/color RGBA, non-interlaced
Category:	dropped
Size (bytes):	256382
Entropy (8bit):	7.980585954508351
Encrypted:	false
SSDEEP:	6144:mCEm3Vq8LdNmYXjyTmRwYbWgGBtvnYA96+jNztlbEgM:pEmlvWwy2xbiBmb+Zztlbg
MD5:	7C4404A9A30A9E0DBC736DADB560C774
SHA1:	34122AE87D3DA63C05DB71E043BE6E5641D8F4ED
SHA-256:	964ADAD2626BEAE97F471D03E04D03D51C03551E69C803CDE0752478EE37EDC4
SHA-512:	176AAA14ABAA29353A3F5CD1EF8BE6725B60FF363A2F24619617D7BE13B4DBC4ACF74DE3559711068219BA3011DF265237EF64C58F79E6789C64C6454BBA1CAA
Malicious:	false
Reputation:	low
Preview:	.PNG.....IHDR.....7.....sRGB.....gAMA.....a.....pHYs..!...!.....IDATx^.....Eu..u.O&.$..}g>..I..Q1.h...Kb.Jo..D.D....M[q...Wh...*.q.!:..D..C.Q.#.,...;.....w.s9]..... .S.N.SuNU=...}...B..F...A.t.....,Z.m.....j.B....=ql...m>..3....a.....ce..YU}.`..Hz...o.@.Z<..._a.?...U...t.lhyz...{.....,y.....<.....R\|..O<.'iU...BK..kh.\.}P..i.5.d.....Cx...,3V....4.'/...d>.Z6e'.c...B....TYm....m...b. .=.LU..^yk>.....v..K..-O.#.z..@...i.Pa.....ph.*...p-T\K..jH..1H..gHhqm.....'Tz..*.....o.R.u.rf.....6.....K}H.....B.W:qmSB..*.t...N...1.1\|.m.2.*>!q._*...z.@M'.\|K...s....L/.....4q.s.JL8.a.1\../.m.B..E.t.ii..o.P....I\B.K\|..m'W..M....p..N.....[\...2.A..5...O\.V.-..._.3.t..2...\|...@..m..J..3.0... c...'..2.....Z\|.....3.....^..1.'....I..-....7.V. ..K'.xj....t.@..m~...K.!_q-..h..Kh.&..Y....g.M.q.....-.....'..5..1....Z\|...Oh..!.....T.L.....\....A....m...p=\|..^...Vn....[.....2$.|...p.=|..1\./5^*..+=a..B..t.W..oqm;*=...'m..3.->e.x.

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\~WRF{441A99A0-AFC4-432D-B427-555F7ADFCBAE}.tmp	
Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	Composite Document File V2 Document, Cannot read section info
Category:	dropped
Size (bytes):	28672
Entropy (8bit):	4.002674844054299
Encrypted:	false
SSDEEP:	384:Otsky8JS9wT6fXlm/uLtk+y8JS9wT6fXlm/u:/ky8RmdFe+y8RmdF
MD5:	6A8285312F2D5A09185318A91E28993F
SHA1:	EB0248F7EA6586FB51217C463283DB03496780FE
SHA-256:	FA3907879337F61E602FEF559DDA753D7A6CE97B93FF5E46D11E4D57F2A7B4AD
SHA-512:	3BFB5E62972F6FE3427365F45429C3D9E2CC2A6A010326F3AF2168DC5FA652A763652A085FBC6911E36EAD16AAEE928DD25930E9035C76A8B6FAF99BB92A3F89
Malicious:	false
Reputation:	low
Preview:	.....>.....(.....4...).....*...+...,...-...../...0...1...2...3...5...6.....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\~WRS{3A52D94E-FA83-4CAE-B0A1-20CA83D4592A}.tmp

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	data
Category:	dropped
Size (bytes):	1024
Entropy (8bit):	0.05390218305374581
Encrypted:	false
SSDEEP:	3:ol3lYdn:4Wn
MD5:	5D4D94EE7E06BBB0AF9584119797B23A
SHA1:	DBB111419C704F116EFA8E72471DD83E86E49677
SHA-256:	4826C0D860AF884D3343CA6460B0006A7A2CE7DBCCC4D743208585D997CC5FD1
SHA-512:	95F83AE84CAFCCED5EAF504546725C34D5F9710E5CA2D11761486970F2FBECCB25F9CF50BBFC272BD75E1A66A18B7783F09E1C1454AFDA519624BC2BB2F28EA4
Malicious:	false
Reputation:	high, very likely benign file
Preview:	....

C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\~WRS{EA20CFDB-A2BB-4FC3-87D7-E28338CEA79B}.tmp

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	data
Category:	dropped
Size (bytes):	1536
Entropy (8bit):	2.1316685601583454
Encrypted:	false
SSDEEP:	12:DMlzfRLZRW4WZ1MFKuQ9cc3xn82l0kwkvEzF4ipOO4jO4Pll8OHkUZ08/W4c:4LG1ND9Pxn82GkoFXpOOWOYqOHiJz
MD5:	4BC8627D21650763B6FE360EE6D71C61
SHA1:	F5F15E24D35CBC67A4BC8279E1EB9036FB7E8F9B
SHA-256:	3675A775E98B8A89485D1528246FC5F08A775D8FB59BFFE75F3E0C06DBDD8C99
SHA-512:	DCA12BDA8958114D7EAFB1537FDD9F28E4A90F0626975AD6066511EC0860AE49B509CF6849BEEF92D7FF5929A8922F30CC7B7A0D4A72489EBF3FFAC6F57C9A91
Malicious:	false
Reputation:	low
Preview:	../../...T.h.i.s. .d.o.c.u.m.e.n.t. .c.r.e.a.t.e.d. .i.n. .p.r.e.v.i.o.u.s. .v.e.r.s.i.o.n. .o.f. .M.i.c.r.o.s.o.f.t. .O.f.f.i.c.e. .W.o.r.d.....T.o. .v.i.e.w. .o.r. .e.d.i.t. .t.h.i.s. .d.o.c.u.m.e.n.t.,. .p.l.e.a.s.e. .c.l.i.c.k. .. E.n.a.b.l.e. .e.d.i.t.i.n.g.. .b.u.t.t.o.n. .o.n. .t.h.e. .t.o.p. .b.a.r.,. .a.n.d. .t.h.e.n. .c.l.i.c.k. .. E.n.a.b.l.e. .c.o.n.t.e.n.t. .....z..... ....

C:\Users\user\AppData\Local\Temp\~DFEA0111C716413755.TMP

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	Composite Document File V2 Document, Cannot read section info
Category:	dropped
Size (bytes):	60416
Entropy (8bit):	4.1510654116302925
Encrypted:	false
SSDEEP:	768:oM10nzOxhm5dcQ1vl+u/yqZjcRm2vPWWHBG9vcMbAnOzGqag:oMszOxMcQ1t+u/ZkPWGBG6MbEOzGqag
MD5:	B36786485381BF92841387855764E377
SHA1:	E2852619C35C125FEF16687FB0F0822F40B6EE0F
SHA-256:	E0AFD6DD69152B8ADF7864BFA54EDF515E0ED4EE6F30830733A865CD781A764C
SHA-512:	D770AC19648993E4F9D0B1253B741362E19D177EC1ECABF2544227F9DEE23BC4807EAEFF48A71205050C9C383195CCEF34ECD3A764E5D2E6850A5CE5386372EC
Malicious:	**true**
Antivirus:	• Antivirus: Joe Sandbox ML, Detection: 100%
Preview:	.....>..... .....T.....(..... ....!..."...#...$...%...&...'.....)...*...+...,...-...../...0...1...2...3...4...5...6...7...8...9...:.....<...=...>...?...@...I...B...C...D...E...F...G...H...;...J...K...L...M...N...O...P...Q...R...S.....`...V...W...X...Y...Z...]...\.....i..._.....b...c...d...e...f...g...h...[...j...k...t...m...n...o...p...q...r...s...^.....

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\ballfin,file,08.11.22.LNK

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Archive, ctime=Tue Mar 8 15:45:54 2022, mtime=Tue Mar 8 15:45:54 2022, atime=Fri Aug 12 02:15:14 2022, length=2298562, window=hide
Category:	dropped
Size (bytes):	1069
Entropy (8bit):	4.566286061014149
Encrypted:	false
SSDEEP:	12:8UllE9RgXg/XAlCPCHaXBKBnB/xQpX+Wyfai2rbtKicvbfj7lL8nrRDtZ3YilMMx:8Ull+/XTRKJl8ft2lhe/dUtDv3qhu7D
MD5:	C04BDC3EC1DB9AB54B3956ED94A5BA47
SHA1:	8BD62D013BC6926A12085610AE577E968D0738CA
SHA-256:	79C435145F2068B9E193FCDC377D8A83B0AC76E7A8E5032A7C20948B0286292F
SHA-512:	59C5F155C382E5966F1EECC22F2B808E6449B75624ED9B8F58892C9C92ECA480D2249A318A7501724DF86BD90459B3C89B32563CB5F689597DBD5B255AB6594E
Malicious:	false
Preview:	L.....F.... ....Gt..3...Gt..3.....#.....P.O. .:i.....+00.../C:\.....t.1.....QK.X..Users.`.....:..QK.X*.....6.....U.s.e.r.s...@.s.h.e.l.l.3.2...d.l.l.,.-.2.1.8.1.3.....L.1.....hT....user.8.....QK.XhT..*...&=....U.....A.l.b.u.s.....z.1.....hT....Desktop.d.....QK.XhT..*..._=.....:.....D.e.s.k.t.o.p...@.s.h.e.l.l.3.2...d.l.l.,.-.2.1.7.6.9.....|.2...#..U.. .BALLFI~1.DOC..`.....hT..hT..*...r....'.....b.a.l.l.f.i.n.,.f.i.l.e.,.0.8...1.1...2.2...d.o.c.....-...8...[.....?J.....C:\Users\..#..... ..\\651689\Users.user\Desktop\ballfin,file,08.11.22.doc.0.....\.....\.....\.....\.....\.D.e.s.k.t.o.p.\.b.a.l.l.f.i.n.,.f.i.l.e.,.0.8...1.1...2.2...d.o.c.....:.,.LB.)...Ag.....1SPS.XF.L8C....&.m.m.....-...S.-.1.-.5.-.2.1.-.9.6.6.7.7.1.3.1.5.-.3.0.1.9.4.0.5.6.3.7.-.3.6.7.3.3.6.4.7.7.-.1.0.0.6.....`.....X.....651689.....

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\index.dat

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	93
Entropy (8bit):	4.673845646189702
Encrypted:	false
SSDEEP:	3:bDuMJlfgJobUmX1bbUv:bCUgJobnb2
MD5:	03A526D93334A45B213FAD84E03EFABA
SHA1:	115F355E07FA4B5CCAAF08F727666F2B34661242
SHA-256:	12EC622940C8C4B506A5BFD1ABE7F99EE4F3561A2D7B5DB1C7094AF1FF457FCA
SHA-512:	8BB4251682F8D6575C307EECD5F57121D91E570F04DCDBBBA5A18014E0009C8DEC01E4242FF3F562E6BFDF6A3E08146F0A675109A2E8627318579AB4B2C8516
Malicious:	false
Preview:	[folders]..Templates.LNK=0..ballfin,file,08.11.22.LNK=0..[doc]..ballfin,file,08.11.22.LNK=0..

C:\Users\user\AppData\Roaming\Microsoft\Templates\~$Normal.dotm

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	data
Category:	dropped
Size (bytes):	162
Entropy (8bit):	2.503835550707525
Encrypted:	false
SSDEEP:	3:vrJlaCkWtVyHH/cgQfmW+eMdln:vdsCkWtUb+8ll
MD5:	D9C8F93ADB8834E5883B5A8AAAC0D8D9
SHA1:	23684CCAA587C442181A92E722E15A685B2407B1
SHA-256:	116394FEAB201D23FD7A4D7F6B10669A4CBCE69AF3575D9C1E13E735D512FA11
SHA-512:	7742E1AC50ACB3B794905CFAE973FDBF16560A7B580B5CD6F27FEFE1CB3EF4AEC2538963535493DCC25F8F114E8708050EDF5F7D3D146DF47DA4B958F05265 5
Malicious:	false
Preview:	.user.....A.l.b.u.s.....p.....15.....25.....@35.....35.....z.....p45.....x...

C:\Users\user\AppData\Roaming\Microsoft\UProof\ExcludeDictionaryEN0409.lex

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	Little-endian UTF-16 Unicode text, with no line terminators
Category:	dropped
Size (bytes):	2
Entropy (8bit):	1.0
Encrypted:	false
SSDEEP:	3:Qn:Qn
MD5:	F3B25701FE362EC84616A93A45CE9998
SHA1:	D62636D8CAEC13F04E28442A0A6FA1AFEB024BBB

SHA-256:	B3D510EF04275CA8E698E5B3CBB0ECE3949EF9252F0CDC839E9EE347409A2209
SHA-512:	98C5F56F3DE340690C139E58EB7DAC111979F0D4DFFE9C4B24FF849510F4B6FFA9FD608C0A3DE9AC3C9FD2190F0EFAF715309061490F9755A9BFDF1C54CA0D4
Malicious:	false
Preview:	..

C:\Users\user\Desktop\~$llfin,file,08.11.22.doc

Process:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
File Type:	data
Category:	dropped
Size (bytes):	162
Entropy (8bit):	2.503835550707525
Encrypted:	false
SSDEEP:	3:vrJlaCkWtVyHH/cgQfmW+eMdln:vdsCkWtUb+8ll
MD5:	D9C8F93ADB8834E5883B5A8AAAC0D8D9
SHA1:	23684CCAA587C442181A92E722E15A685B2407B1
SHA-256:	116394FEAB201D23FD7A4D7F6B10669A4CBCE69AF3575D9C1E13E735D512FA11
SHA-512:	7742E1AC50ACB3B794905CFAE973FDBF16560A7B580B5CD6F27FEFE1CB3EF4AEC2538963535493DCC25F8F114E8708050EDF5F7D3D146DF47DA4B958F052655
Malicious:	false
Preview:	.user.....A.l.b.u.s.....p.....15.....25.....@35.....35.....z.....p45.....x...

Static File Info

General

File type:	Zip archive data, at least v2.0 to extract
Entropy (8bit):	7.9931718162127225
TrID:	• Word Microsoft Office Open XML Format document (49504/1) 49.01% • Word Microsoft Office Open XML Format document (43504/1) 43.07% • ZIP compressed archive (8000/1) 7.92%
File name:	ballfin,file,08.11.22.doc
File size:	2298562
MD5:	75d17f46accbe980e1deb28dd7513085
SHA1:	6ae88b35e85f6fbb55584893f696f859dccfedc2
SHA256:	4f479dc5b981aadc01b1f245d8694b1ad043247f04148bbb78a86c8ed530b777
SHA512:	e9959f74b0c4cb34c1167eb622fbdd8ae8bbeb808ca8d6680bc82f22c9d0566b6dac30b1376837fd54a4b21bac7af414bccc90e849ec32b2f78564d98bf5674f
SSDEEP:	49152:NOUM0iO62qwcjsAGQnvISJw3zMtsqF+MhVo6H8LvdQ7yh4SbCu+o:gUmXIA+SJw3z++CcyM4yb
TLSH:	75B53393D127F54CDD4616AD638825F65FF10327189EE9AB03BA2606D38F1BF0C9958C
File Content Preview:	PK.....!..U~....._rels/.rels...J.@.....4.E..D.....$....T..w-..j.....|.zs..z..z.*X.%(v.....6O.{PI.....`S__._x .C..CR....:....t..R.....hl.3..H.Q..*.;..=..y... n.....yo.....[vrf..A..6..3[.>_...-K....\NH!....<..r...E.B..P...<_.

File Icon

Icon Hash:	e4eea2aaa4b4b4a4

Static OLE Info

General

Document Type:	OpenXML
Number of OLE Files:	1

OLE File "/opt/package/joesandbox/database/analysis/682651/sample/ballfin,file,08.11.22.doc"

Indicators

Has Summary Info:	
Application Name:	
Encrypted Document:	False
Contains Word Document Stream:	True

Contains Workbook/Book Stream:	False
Contains PowerPoint Document Stream:	False
Contains Visio Document Stream:	False
Contains ObjectPool Stream:	False
Flash Objects Count:	0
Contains VBA Macros:	True

Streams with VBA

VBA File Name: ThisDocument.cls, Stream Size: 2769

General

Stream Path:	VBA/ThisDocument
VBA File Name:	ThisDocument.cls
Stream Size:	2769
Data ASCII:	...Attribut.e VB_Nam.e = "Thi.sDocumen.t"...Bas..1Normal...VGlobal!.Spac.lFa.lse.JCrea.tabl..Pre decla..Id..#Tru."Exp.ose..Temp.lateDeri.v.$CustomlizC.P.... .D.? PtrSa.fe Funct@ion ..... Li.b "user3.2" Alias. "KillTi.mer" (By0Val ... A@s Long.., ..$'...
Data Raw:	01 d6 b4 00 41 74 74 72 69 62 75 74 00 65 20 56 42 5f 4e 61 6d 00 65 20 3d 20 22 54 68 69 00 73 44 6f 63 75 6d 65 6e 10 74 22 0d 0a 0a 8c 42 61 73 01 02 8c 31 4e 6f 72 6d 61 6c 02 2e 19 56 47 6c 6f 62 61 6c 21 01 aa 53 70 61 63 01 6c 46 61 08 6c 73 65 0c 4a 43 72 65 61 10 74 61 62 6c 15 1f 50 72 65 20 64 65 63 6c 61 00 06 49 64 11 00 23 54 72 75 0d 22 45 78 70 08 6f 73 65 14 1c 54

VBA Code

Streams

Stream Path: PROJECT, File Type: ASCII text, with CRLF line terminators, Stream Size: 369

General

Stream Path:	PROJECT
File Type:	ASCII text, with CRLF line terminators
Stream Size:	369
Entropy:	5.253715637016501
Base64 Encoded:	True
Data ASCII:	ID="{F718A541-6FAD-499A-B2A3-854E068A76A8}"..Document=ThisDocument/&H00000000..Name="Project"..HelpContextID="0"..VersionCompatible32="393222000"..CMG="FDFF151AEF13F313F313F313F3"..DPB="FAF8121D0E1E0E1E0E"..GC="F7F51F20E1E0DFE1DFE120"....[Host Extender Inf
Data Raw:	49 44 3d 22 7b 46 37 31 38 41 35 34 31 2d 36 46 41 44 2d 34 39 39 41 2d 42 32 41 33 2d 38 35 34 45 30 36 38 41 37 36 41 38 7d 22 0d 0a 44 6f 63 75 6d 65 6e 74 3d 54 68 69 73 44 6f 63 75 6d 65 6e 74 2f 26 48 30 30 30 30 30 30 30 30 0d 0a 4e 61 6d 65 3d 22 50 72 6f 6a 65 63 74 22 0d 0a 48 65 6c 70 43 6f 6e 74 65 78 74 49 44 3d 22 30 22 0d 0a 56 65 72 73 69 6f 6e 43 6f 6d 70 61 74 69

Stream Path: PROJECTwm, File Type: data, Stream Size: 41

General

Stream Path:	PROJECTwm
File Type:	data
Stream Size:	41
Entropy:	3.0773844850752607
Base64 Encoded:	False
Data ASCII:	ThisDocument.T.h.i.s.D.o.c.u.m.e.n.t.....
Data Raw:	54 68 69 73 44 6f 63 75 6d 65 6e 74 00 54 00 68 00 69 00 73 00 44 00 6f 00 63 00 75 00 6d 00 65 00 6e 00 74 00 00 00 00 00

Stream Path: VBA/_VBA_PROJECT, File Type: ISO-8859 text, with no line terminators, Stream Size: 7

General

Stream Path:	VBA/_VBA_PROJECT
File Type:	ISO-8859 text, with no line terminators
Stream Size:	7
Entropy:	1.8423709931771088
Base64 Encoded:	False
Data ASCII:	a . . .
Data Raw:	cc 61 ff ff 00 00 00

Stream Path: VBA/__SRP_2, File Type: data, Stream Size: 5116

General	
Stream Path:	VBA/__SRP_2
File Type:	data
Stream Size:	5116
Entropy:	1.9292601170451005
Base64 Encoded:	False
Data ASCII:	r U @ . . . . . @ . . . . . @ . . . . . 8 . . . . . P . . . . . " . . . . . q . . . . . A . . . . . ` . . . . . ` i . . . . .
Data Raw:	72 55 40 04 00 00 00 00 00 00 00 00 00 00 00 00 40 00 00 00 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 38 00 00 00 00 00 00 00 11 00 00 00 00 00 00 00 00 00 00 00 11 00 00 00 00 00 00 00 00 00 03 00 50 00 00 00 00 00 00 00 00 00 00 00 22 00 1f 00 00 00 00 00 01 00 01 00 00 00 01 00 71 07 00 00 00 00 00 00 00 00 00 00 a1 07 00 00 00 00 00 00 00 00 00 00 d1 07

Stream Path: VBA/__SRP_3, File Type: data, Stream Size: 2724	
General	
Stream Path:	VBA/__SRP_3
File Type:	data
Stream Size:	2724
Entropy:	2.696829186323428
Base64 Encoded:	False
Data ASCII:	r U @ . . . . . @ . . . . . @ . . . . . x . . . . . P . . . . . p . . . . . ! . . . . . ` . . . . . p . . . . . a . . . . . Q . ` . . . . . \\ . . p . . . . .
Data Raw:	72 55 40 00 00 00 00 00 00 00 00 00 00 00 00 00 40 00 00 00 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 1a 00 00 00 00 00 00 00 11 00 00 00 00 00 00 00 00 00 02 00 ff ff ff ff ff ff ff ff ff ff 00 00 00 00 78 00 00 00 08 00 50 00 c1 08 00 00 00 00 00 00 00 00 00 00 00 04 70 08 00 fe ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff 00 00 00 00

Stream Path: VBA/dir, File Type: data, Stream Size: 486	
General	
Stream Path:	VBA/dir
File Type:	data
Stream Size:	486
Entropy:	6.294817845464784
Base64 Encoded:	True
Data ASCII:	. . . . . 0 . . . . . H . . . . . P r o j e c t . Q . (. . @ . . . . . = ... l . . . . . J d - . . . " . < . . . . r s t d o . l e > . . s . t . . d . o . l . e . (. . h . . ^ . * \\ . G { 0 0 0 2 0 4 3 0 - . . . . C . . . . . 4 6 } # 2 . 0 # . 0 # C : \\ W i n . d o w s \\ s y s @ t e m 3 2 \\ . e 2 . . t l b # O L E . A u t o m a t . i o n . E N o r (m a l E N C r . m . a F . . c E C . . . . . m . ! O f f i c g O . f . i . c g . . g 2 D F 8 D 0 . 4 C - 5 B F A
Data Raw:	01 e2 b1 80 01 00 04 00 00 00 03 00 30 aa 02 02 90 09 00 20 14 06 48 03 00 a8 80 00 00 e4 04 04 00 07 00 1c 00 50 72 6f 6a 65 63 74 05 51 00 28 00 00 40 02 14 06 02 14 3d ad 02 0a 07 02 6c 01 00 08 06 12 09 02 12 80 0e 4a f4 64 2d 00 0c 02 22 0a 3c 02 0a 16 02 72 73 74 64 6f 08 6c 65 3e 02 19 73 00 74 00 00 64 00 6f 00 6c 00 65 00 28 0d 00 68 00 11 5e 00 03 2a 5c 00 47 7b 30 30 30

Network Behavior

TCP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Aug 11, 2022 20:14:34.314097881 CEST	49173	80	192.168.2.22	45.8.146.139
Aug 11, 2022 20:14:37.329427958 CEST	49173	80	192.168.2.22	45.8.146.139
Aug 11, 2022 20:14:43.335854053 CEST	49173	80	192.168.2.22	45.8.146.139
Aug 11, 2022 20:14:55.361140013 CEST	49174	80	192.168.2.22	45.8.146.139
Aug 11, 2022 20:14:58.344629049 CEST	49174	80	192.168.2.22	45.8.146.139
Aug 11, 2022 20:15:04.350992918 CEST	49174	80	192.168.2.22	45.8.146.139

Statistics

No statistics

System Behavior

Analysis Process: WINWORD.EXE PID: **2264**, Parent PID: **576**

General

Target ID:	0
Start time:	20:15:15
Start date:	11/08/2022
Path:	C:\Program Files\Microsoft Office\Office14\WINWORD.EXE
Wow64 process (32bit):	false
Commandline:	"C:\Program Files\Microsoft Office\Office14\WINWORD.EXE" /Automation -Embedding
Imagebase:	0x13f4f0000
File size:	1423704 bytes
MD5 hash:	9EE74859D22DAE61F1750B3A1BACB6F5
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\VBE	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	success or wait	1	6DFD2B14	CreateDirectoryA

File Deleted

File Path	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Temp\~DFEA0111C716413755.TMP	success or wait	1	6E050648	unknown
C:\Users\user\Desktop\~$llfin,file,08.11.22.doc	success or wait	1	6E050648	unknown

Old File Path	New File Path	Completion	Count	Source Address	Symbol

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol

File Read

File Path	Offset	Length	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Roaming\Microsoft\UProof\CUSTOM.DIC	unknown	1	success or wait	1	6DF41925	unknown
C:\Users\user\AppData\Roaming\Microsoft\UProof\CUSTOM.DIC	unknown	4096	success or wait	1	6DF41925	unknown
C:\Program Files\Microsoft Office\Office14\PROOF\MSSP7EN.dub	unknown	4866	success or wait	1	7FEE8F9E8B7	ReadFile
C:\Users\user\AppData\Roaming\Microsoft\UProof\ExcludeDictionaryEN0409.lex	unknown	1	success or wait	1	7FEE8F90793	ReadFile
C:\Users\user\AppData\Roaming\Microsoft\UProof\ExcludeDictionaryEN0409.lex	unknown	4096	success or wait	1	7FEE8FFAD58	ReadFile
C:\Users\user\AppData\Roaming\Microsoft\UProof\CUSTOM.DIC	unknown	1	success or wait	1	7FEE8F90793	ReadFile
C:\Users\user\AppData\Roaming\Microsoft\UProof\CUSTOM.DIC	unknown	4096	success or wait	1	7FEE8FFAD58	ReadFile
C:\Users\user\Desktop\ballfin,file,08.11.22.doc	1963819	185	success or wait	2	6E050648	unknown
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\EB54F374.png	0	65536	success or wait	4	6E050648	unknown
C:\Users\user\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.MSO\92A494E5.png	0	61935	success or wait	1	6E050648	unknown

Registry Activities

Key Created

Key Path	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\VBA	success or wait	1	6E02A5E3	RegCreateKeyExA
HKEY_CURRENT_USER\Software\Microsoft\VBA\7.0	success or wait	1	6E02A5E3	RegCreateKeyExA

Key Path	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\VBA\7.0\Common	success or wait	1	6E02A5E3	RegCreateKeyExA
HKEY_CURRENT_USER\Software\Microsoft\Office\Common\Offline\Options	success or wait	1	6E050648	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Resiliency	success or wait	1	6E050648	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Resiliency\DocumentRecovery	success or wait	1	6E050648	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Resiliency\DocumentRecovery\79B55	success or wait	1	6E050648	unknown

Key Value Created

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Resiliency\DocumentRecovery\79B55	79B55	binary	04 00 00 00 D8 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 04 00 00 00 69 00 6D 00 67 00 73 00 00 00 00 00 01 00 00 00 00 00 00 00 E1 9B 45 ED F9 AD D8 01 55 9B 07 00 55 9B 07 00 00 00 00 00 DB 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
			00 00 00

Key Path	Name	Type	Old Data	New Data	Completion	Count	Source Address	Symbol
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\00004109F1009040010000 0000F01FEC\Usage	SpellingAndGrammarFiles_1033	dword	1358626865	1426784306	success or wait	1	6DF41925	unknown
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\00004109F1009040010000 0000F01FEC\Usage	SpellingAndGrammarFiles_1033	dword	1426784306	1426784307	success or wait	1	6DF41925	unknown
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\00004109F100A0C0010000 0000F01FEC\Usage	SpellingAndGrammarFiles_3082	dword	1426784286	1426784287	success or wait	1	6DF41925	unknown
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\00004109F100A0C0010000 0000F01FEC\Usage	SpellingAndGrammarFiles_3082	dword	1426784287	1426784288	success or wait	1	6DF41925	unknown
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\00004109F100C040010000 0000F01FEC\Usage	SpellingAndGrammarFiles_1036	dword	1426784286	1426784287	success or wait	1	6DF41925	unknown
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\00004109F100C040010000 0000F01FEC\Usage	SpellingAndGrammarFiles_1036	dword	1426784287	1426784288	success or wait	1	6DF41925	unknown
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\00004109F1009040010000 0000F01FEC\Usage	SpellingAndGrammarFiles_1033	dword	1426784307	1426784308	success or wait	1	6DF41925	unknown
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\00004109F1009040010000 0000F01FEC\Usage	SpellingAndGrammarFiles_1033	dword	1426784308	1426784309	success or wait	1	6DF41925	unknown
HKEY_CURRENT_USER\Software\Microsoft\Office\14.0\Word\Resiliency\DocumentRecovery\79B55	79B55	binary	04 00 00 00 D8 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	04 00 00 00 D8 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	success or wait	1	6E050648	unknown

Key Path	Name	Type	Old Data	New Data	Completion	Count	Source Address	Symbol
			2E 00 68 00 74 00 6D 00 00 00 00 00 00 00 00 00 00 00 69 00 6D 00 67 00 73 00 00 00 00 00 01 00 00 00 00 00 00 00 E1 9B 45 ED F9 AD D8 01 55 9B 07 00 55 9B 07 00 00 00 00 00 DB 04 00 00 00 00 00 00 00 00 00 00 00

Key Path	Name	Type	Old Data	New Data	Completion	Count	Source Address	Symbol
			00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Key Path	Name	Type	Old Data	New Data	Completion	Count	Source Address	Symbol
				00 00 00