

JOeSandbox Cloud BASIC



ID: 432380

Sample Name:

Order_Summary-9632850.xlsb

Cookbook:

defaultwindowsofficecookbook.jbs

Time: 08:46:14

Date: 10/06/2021

Version: 32.0.0 Black Diamond

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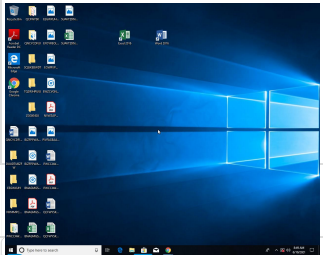
Analysis Report Order_Summary-9632850.xlsb

Overview

General Information

Sample Name:	Order_Summary-9632850.xlsb
Analysis ID:	432380
MD5:	d091fb57338164a.
SHA1:	ca63bade670555..
SHA256:	12bbd7661b6fd48.
Tags:	sat1 TrickBot xlsb xlsx
Infos:	

Most interesting Screenshot:



Process Tree

Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

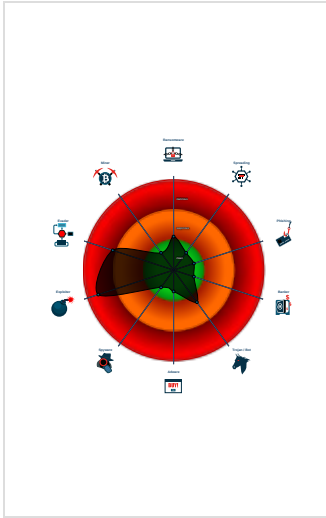
Hidden Macro 4.0

Score:	88
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

- Document exploit detected (creates ...
- Document exploit detected (drops P...
- Office document tries to convince vi...
- Document exploit detected (UrlDown...
- Document exploit detected (process...
- Drops PE files to the user root direc...
- Found Excel 4.0 Macro with suspicio...
- Office process drops PE file
- Sigma detected: Microsoft Office Pr...
- Abnormal high CPU Usage
- Antivirus or Machine Learning detec...
- Contains functionality to dynamically...

Classification



- System is w10x64
- EXCEL.EXE (PID: 5620 cmdline: 'C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE' /automation -Embedding MD5: 5D6638F2C8F8571C593999C58866007E)
 - regsvr32.exe (PID: 4912 cmdline: regsvr32 -s ..\kdldyeff.dll MD5: 426E7499F6A7346F0410DEAD0805586B)
 - cmd.exe (PID: 5800 cmdline: C:\Windows\system32\cmd.exe MD5: F3BDBE3BB6F734E357235F4D5898582D)
- 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

Signature Overview

Software Vulnerabilities:



Document exploit detected (creates forbidden files)

Document exploit detected (drops PE files)

Document exploit detected (UrlDownloadToFile)

Document exploit detected (process start blacklist hit)

System Summary:



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

Found Excel 4.0 Macro with suspicious formulas

Office process drops PE file

Boot Survival:



Drops PE files to the user root directory

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects	Recovery
Valid Accounts	Scripting 1	DLL Side-Loading 1	Process Injection 1 1	Masquerading 1 1 1	OS Credential Dumping	Security Software Discovery 1	Remote Services	Data from Local System	Exfiltration Over Other Network Medium	Ingress Tool Transfer 1 1	Eavesdrop on Insecure Network Communication	Recovery
Default Accounts	Native API 1	Boot or Logon Initialization Scripts	DLL Side-Loading 1	Disable or Modify Tools 1	LSASS Memory	File and Directory Discovery 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Non-Application Layer Protocol 1	Exploit SS7 to Redirect Phone Calls/SMS	Recovery
Domain Accounts	Exploitation for Client Execution 4 2	Logon Script (Windows)	Logon Script (Windows)	Process Injection 1 1	Security Account Manager	System Information Discovery 2	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Application Layer Protocol 2 1	Exploit SS7 to Track Device Location	Recovery
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Scripting 1	NTDS	System Network Configuration Discovery	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM Card Swap	Recovery
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Obfuscated Files or Information 1	LSA Secrets	Remote System Discovery	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communication	Recovery
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Regsvr32 1	Cached Domain Credentials	System Owner/User Discovery	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamming or Denial of Service	Recovery
External Remote Services	Scheduled Task	Startup Items	Startup Items	Software Packing 1	DCSync	Network Sniffing	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	Rogue Wi-Fi Access Points	Recovery
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	DLL Side-Loading 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	Recovery

Behavior Graph



Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

Source	Detection	Scanner	Label	Link
Order_Summary-9632850.xlsb	2%	ReversingLabs		

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\IE\WJ8I2OL4\lsat1_0609_2[1].dll	4%	ReversingLabs	Win32.Trojan.Generic	
C:\Users\user\kdlidyeff.dll	4%	ReversingLabs	Win32.Trojan.Generic	

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
3.2.regsvr32.exe.2c00000.2.unpack	100%	Avira	TR/Dropper.Gen		Download File
3.2.regsvr32.exe.4590000.5.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://https://cdn.entity.	0%	URL Reputation	safe	
http://https://cdn.entity.	0%	URL Reputation	safe	
http://https://cdn.entity.	0%	URL Reputation	safe	
http://https://powerlift.acompli.net	0%	URL Reputation	safe	
http://https://powerlift.acompli.net	0%	URL Reputation	safe	
http://https://powerlift.acompli.net	0%	URL Reputation	safe	
http://https://rpsticket.partnerservices.getmicrosoftkey.com	0%	URL Reputation	safe	
http://https://rpsticket.partnerservices.getmicrosoftkey.com	0%	URL Reputation	safe	
http://https://rpsticket.partnerservices.getmicrosoftkey.com	0%	URL Reputation	safe	
http://https://cortana.ai	0%	URL Reputation	safe	
http://https://cortana.ai	0%	URL Reputation	safe	
http://https://cortana.ai	0%	URL Reputation	safe	
http://https://api.aadrm.com/	0%	URL Reputation	safe	
http://https://api.aadrm.com/	0%	URL Reputation	safe	
http://https://api.aadrm.com/	0%	URL Reputation	safe	
http://https://ofcrecsvcapi-int.azurewebsites.net/	0%	Avira URL Cloud	safe	
http://https://res.getmicrosoftkey.com/api/redemptionevents	0%	URL Reputation	safe	
http://https://res.getmicrosoftkey.com/api/redemptionevents	0%	URL Reputation	safe	
http://https://res.getmicrosoftkey.com/api/redemptionevents	0%	URL Reputation	safe	
http://https://powerlift-frontdesk.acompli.net	0%	URL Reputation	safe	
http://https://powerlift-frontdesk.acompli.net	0%	URL Reputation	safe	
http://https://powerlift-frontdesk.acompli.net	0%	URL Reputation	safe	
http://https://officeci.azurewebsites.net/api/	0%	Avira URL Cloud	safe	
http://185.180.199.121/sat1_0609_2.dll	0%	Avira URL Cloud	safe	
http://https://store.office.cn/addinstemplate	0%	URL Reputation	safe	
http://https://store.office.cn/addinstemplate	0%	URL Reputation	safe	
http://https://store.office.cn/addinstemplate	0%	URL Reputation	safe	
http://https://store.officeppe.com/addinstemplate	0%	URL Reputation	safe	
http://https://store.officeppe.com/addinstemplate	0%	URL Reputation	safe	
http://https://store.officeppe.com/addinstemplate	0%	URL Reputation	safe	
http://https://dev0-api.acompli.net/autodetect	0%	URL Reputation	safe	
http://https://dev0-api.acompli.net/autodetect	0%	URL Reputation	safe	
http://https://dev0-api.acompli.net/autodetect	0%	URL Reputation	safe	
http://https://www.odwebp.svc.ms	0%	URL Reputation	safe	
http://https://www.odwebp.svc.ms	0%	URL Reputation	safe	
http://https://www.odwebp.svc.ms	0%	URL Reputation	safe	
http://crl.sectigo.com/SectigoRSACodeSigningCA.crl0s	0%	URL Reputation	safe	
http://crl.sectigo.com/SectigoRSACodeSigningCA.crl0s	0%	URL Reputation	safe	
http://crl.sectigo.com/SectigoRSACodeSigningCA.crl0s	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.com/	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.com/	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.com/	0%	URL Reputation	safe	
http://https://officesetup.getmicrosoftkey.com	0%	URL Reputation	safe	
http://https://officesetup.getmicrosoftkey.com	0%	URL Reputation	safe	
http://https://officesetup.getmicrosoftkey.com	0%	URL Reputation	safe	
http://https://prod-global-autodetect.acompli.net/autodetect	0%	URL Reputation	safe	
http://https://prod-global-autodetect.acompli.net/autodetect	0%	URL Reputation	safe	
http://https://prod-global-autodetect.acompli.net/autodetect	0%	URL Reputation	safe	
http://https://ncus.contentsync.	0%	URL Reputation	safe	
http://https://ncus.contentsync.	0%	URL Reputation	safe	
http://https://ncus.contentsync.	0%	URL Reputation	safe	
http://https://apis.live.net/v5.0/	0%	URL Reputation	safe	
http://https://apis.live.net/v5.0/	0%	URL Reputation	safe	
http://https://apis.live.net/v5.0/	0%	URL Reputation	safe	
http://https://wus2.contentsync.	0%	URL Reputation	safe	
http://https://wus2.contentsync.	0%	URL Reputation	safe	
http://https://wus2.contentsync.	0%	URL Reputation	safe	
http://ocsp.sectigo.com0	0%	URL Reputation	safe	
http://ocsp.sectigo.com0	0%	URL Reputation	safe	
http://ocsp.sectigo.com0	0%	URL Reputation	safe	
http://https://asgmsproxyapi.azurewebsites.net/	0%	Avira URL Cloud	safe	
http://crt.sectigo.com/SectigoRSACodeSigningCA.crt0#	0%	URL Reputation	safe	
http://crt.sectigo.com/SectigoRSACodeSigningCA.crt0#	0%	URL Reputation	safe	
http://crt.sectigo.com/SectigoRSACodeSigningCA.crt0#	0%	URL Reputation	safe	

Source	Detection	Scanner	Label	Link
http://https://dataservice.o365filtering.com/PolicySync/PolicySync.svc/SyncFile	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.com/PolicySync/PolicySync.svc/SyncFile	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.com/PolicySync/PolicySync.svc/SyncFile	0%	URL Reputation	safe	
http://https://ncus.pagecontentsync.	0%	URL Reputation	safe	
http://https://ncus.pagecontentsync.	0%	URL Reputation	safe	
http://https://ncus.pagecontentsync.	0%	URL Reputation	safe	
http://https://skyapi.live.net/Activity/	0%	URL Reputation	safe	
http://https://skyapi.live.net/Activity/	0%	URL Reputation	safe	
http://https://skyapi.live.net/Activity/	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.com	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.com	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.com	0%	URL Reputation	safe	
http://https://sectigo.com/CPS0	0%	URL Reputation	safe	
http://https://sectigo.com/CPS0	0%	URL Reputation	safe	
http://https://sectigo.com/CPS0	0%	URL Reputation	safe	
http://https://api.cortana.ai	0%	URL Reputation	safe	
http://https://api.cortana.ai	0%	URL Reputation	safe	
http://https://api.cortana.ai	0%	URL Reputation	safe	

Domains and IPs

Contacted Domains

No contacted domains info

Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
http://185.180.199.121/sat1_0609_2.dll	false	Avira URL Cloud: safe	unknown

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
185.180.199.121	unknown	Netherlands		14576	HOSTING-SOLUTIONSUS	false

General Information

Joe Sandbox Version:	32.0.0 Black Diamond
Analysis ID:	432380
Start date:	10.06.2021
Start time:	08:46:14
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 6m 17s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	Order_Summary-9632850.xlsb
Cookbook file name:	defaultwindowsofficecookbook.jbs
Analysis system description:	Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211
Number of analysed new started processes analysed:	30
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:	mal88.expl.evad.winXLSB@5/10@0/1
EGA Information:	Failed
HDC Information:	• Successful, ratio: 4.4% (good quality ratio 3%) • Quality average: 67.2% • Quality standard deviation: 46.4%
HCA Information:	• Successful, ratio: 100% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .xlsb • 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
08:48:06	API Interceptor	1x Sleep call for process: regsvr32.exe modified

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
185.180.199.121	Total_order_data-V2434883.xlsb	Get hash	malicious	Browse	• 185.180.199.121/sat1_0609_2.dll
	Delivery_Information_7038598.xlsb	Get hash	malicious	Browse	• 185.180.199.121/sat1_0609_2.dll

Domains

No context

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
HOSTING-SOLUTIONSUS	Total_order_data-V2434883.xlsb	Get hash	malicious	Browse	• 185.180.199.121
	Delivery_Information_7038598.xlsb	Get hash	malicious	Browse	• 185.180.199.121
	W6DkFm55kO.exe	Get hash	malicious	Browse	• 162.248.225.14
	Lma2EzVvAK.exe	Get hash	malicious	Browse	• 185.180.198.250
	wEncyxrEe	Get hash	malicious	Browse	• 104.193.252.114
	immed_paym_req_44191988.doc	Get hash	malicious	Browse	• 185.159.82.194

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	zKOi8vCorq.exe	Get hash	malicious	Browse	185.180.198.99
	invoice_100221.doc	Get hash	malicious	Browse	185.180.198.135
	new shippment.xlsx	Get hash	malicious	Browse	185.180.198.135
	w3QgrgNAWs.exe	Get hash	malicious	Browse	185.180.198.99
	yWWZnMPf9D.exe	Get hash	malicious	Browse	185.180.198.99
	zLjBdL6Lbk.exe	Get hash	malicious	Browse	185.180.198.141
	DHL_file094883764773845.exe	Get hash	malicious	Browse	162.244.32.175
	http://https://bit.ly/3547mtO	Get hash	malicious	Browse	162.244.32.223
	http://436095.com/cwuobmij/Inclqsrq.html?5crjx3rlwse.eps2k	Get hash	malicious	Browse	162.244.32.223
	http://https://bit.ly/2H1vYuP	Get hash	malicious	Browse	162.244.32.223
	http://https://bit.ly/33rThah	Get hash	malicious	Browse	162.244.32.223
	http://https://bit.ly/3l3ZAqg	Get hash	malicious	Browse	162.244.32.223
	http://275496.com/socsirmn/imokzmmwd.html?2t2i2lh.4lur	Get hash	malicious	Browse	162.244.32.223
	yXkNVMiowl.docm	Get hash	malicious	Browse	185.159.82.237

JA3 Fingerprints

No context

Dropped Files

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
C:\Users\user\kdlldyeff.dll	Total_order_data-V2434883.xlsb	Get hash	malicious	Browse	
C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\IE\WJ8I2OL4\sat1_0609_2[1].dll	Total_order_data-V2434883.xlsb	Get hash	malicious	Browse	

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\Office\16.0\WebServiceCache\AllUsers\officeclient.microsoft.com\B709A3E3-2143-4926-A150-50001F594891

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	XML 1.0 document, UTF-8 Unicode text, with very long lines, with CRLF line terminators
Category:	dropped
Size (bytes):	134922
Entropy (8bit):	5.3691068503705965
Encrypted:	false
SSDEEP:	1536:mcQIKNEeBXA3gBwlpQ9DQW+z7534ZliKWxboOilX5ENLWME9:WEQ9DQW+ziXOe
MD5:	CE83A4FE75C04F9829A018CAC9873215
SHA1:	FF0231EC5EB1FE9DB253BDB3898D2A3B0F00DF64
SHA-256:	1853351F3FB3BAB351C2ECD5D0E5F2B07E9770B8E2E192E305656D02EBE8D38E
SHA-512:	E0C6830D7E68C718C2AF52AED48FB7D9DAF75AD4F1C695D0F0D79657A80D63086F29D149E6CEDD4F5E824834AA4F39BF654A5BF2A02AF1C31938AF2720CB72D
Malicious:	false
Reputation:	low
Preview:	<?xml version="1.0" encoding="utf-8"?>..<o:OfficeConfig xmlns:o="urn:schemas-microsoft-com:office:office">..<o:services o:GenerationTime="2021-06-10T06:47:11">..Build: 16.0.14209.30525-->..<o:default>..<o:ticket o:headerName="Authorization" o:headerValue="{}" />..</o:default>..<o:service o:name="Research">..<o:url>https://rr.office.microsoft.com/research/query.aspx</o:url>..</o:service>..<o:service o:name="ORedir">..<o:url>https://o15.officeredir.microsoft.com/r</o:url>..</o:service>..<o:service o:name="ORedirSSL">..<o:url>https://o15.officeredir.microsoft.com/r</o:url>..</o:service>..<o:service o:name="CViewClientHelpId">..<o:url>https://[MAX.BaseHost]/client/results</o:url>..</o:service>..<o:service o:name="CViewClientHome">..<o:url>https://[MAX.BaseHost]/client/results</o:url>..</o:service>..<o:service o:name="CViewClientTemplate">..<o:url>https://ocsa.office.microsoft.com/client/15/help/template</o:url>..</o:service>..<o:

C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\22BFE402.png

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 264 x 113, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	9924
Entropy (8bit):	7.973758306371751
Encrypted:	false
SSDEEP:	192:soXrzGktAQUKDfw4om9PEK9u27pwnJyV028/tgXEoCWoB:so9G+fnVEYU27OIW/+XEoCWoB
MD5:	B34FB4F2F0F9E70B72BA3AFD028CD97C
SHA1:	C6868336F78DEA1E718965DF3341039581DB5B5A

C:\Users\user1\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\22BFE402.png

SHA-256:	189D420D344A694FD1928ABACBEC94D9F0EF52BE036CEB8144A9D9A6DD14EAEB
SHA-512:	4795600917F8A67A6C5CBD5713CAACE74E0483F8E6BB6D98EAB63BF24A0F71E537E7F8ABD26808630B247D454A3F467595C8343EEB4EA98AFAB49D81964158D
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.PNG.....IHDR.....q.....sRGB.....pHYs.....+.....&iIDATx^Wp.G~{("r.. H.9s.,Q.v.....\...../wu..t.o.ru...+W]...vWw).Q.b&_@d.D.q...{0....GB....8.....X,&L1.0.....b...0Xa ...a..0.0.ap.@.....'*. `#6,.....aX.i.b.0..b.n.k..0...J1...H..7...C...dZ...a...Z..!kp2.R...0RI..r.A...58.V)..C.)..f.. `.....L...!..p.\k.0.a.N.U.A..F.m.Y.5...'* `#6,.....aX.i.b.0..b.n.k..0...J1...H..7...C...dZ...a...Z..!kp2.R...0RI..r.A...58.V)..C.)..f.. `.....L...!..p.\k.0.a.N.U.A..F.m.Y.5...'* `W[...cfTDC....V...W`...Q!JEAe....5O.{\N.p8b.5.##*.t.....^..p..A.+0cC..(v.....qO....b.0.#!.....p...w...sN]m...c.=...L...!..T...!..3....]..r.....Ae.H%!.!.....O...?..!..".4.....p...{..0.#.....%4.;E...w..}.....ga...X....#...h@.'E.'!...!a..J..V...!...E...?8[COQ?'!5Qy.....X..)Y..ic.0...!..Gf..4.o...R./^..y2.'p.....KO..v.T....~.....-]"..u9Q..i..^e...!i"^^.....C.CKV..~Ku.4"m.\$>cKP...x...7

C:\Users\user1\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\32EACCC5.png

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 168 x 72, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	6177
Entropy (8bit):	7.959095006853368
Encrypted:	false
SSDEEP:	96:j6KDvZ3QXkQ288GMBm6hEeWyS8ITRIVg9gPEnbYhbY0Y4pxCpAueydMT1uZMr0a;j6KTV8WBPhqd9qqYTB6peyeT1oMr0a
MD5:	C7ED6FC355D8632DB1464BE3D56BF5CC
SHA1:	615484A338922DDF00B903CFA48060AD60D70207
SHA-256:	26000244FBB0C6B2D76F80166CE85700BC96141C6CD80F8B399CA6F15FE3515C
SHA-512:	FB4AE09EACD15A4FE778BDF366808C4F9FE403C4054F86704C03C87C7016E7D7A5772677B69064FCB5F1B9345D80C4263A58EA8B5E9CA2B717E24E2B19B85A9
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.PNG.....IHDR.....H.....m)a....sRGB.....pHYs.....+.....IDATx^....E...1.Y. ..."3.(D.....A..{(....C.X.QP..b.UQAdA..9'I:Hf..f.....s....._A.s.3..Vu.....Z.[.q.P.-9.b..q.....].r F...c..1.....e.->...@...;n.q..(bt.q...>F9...[[\1..]v..A..G..y_3...*3M.YG7.J)..RK]u.j].*^J.....R...j.:}=}.qN..sV&..F.a@..Vs.P...%A.....~..w..P.Be.-]4..arss.9~-8d.@d....".?G...z.....(T.....G;w.?...w...S.H.+...W.^.....E..-_.]D~...#G.{.<r...P.K..\${D...kzzz.R....`?.O;.....#....tb..g..gU,r>G.....t.....a.....p..c..}.....M.6.'O.].....8q...RSS.YBB.M.j..}.I.&.:%Jx..7o....d.*U..233.].....E.m)]..^..nt.X.b.,{<...=...3...z...v..]0.e.}...?....w..y...)S.L.F.:t.U...+F...!.....&...322.6m.../.[J.a.=.%Kx....E...ys....z...i.z...g...G...e.7.j.h...!C^x.5k".....<R..k...4IR.V-.._~.....P.O@.y...:G=.l..J ...u..]%.T.n.....v..A^Y.....V...^X^.'1w.q.....

C:\Users\user1\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\7CC9601B.png

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 178 x 76, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	5744
Entropy (8bit):	7.966496386988271
Encrypted:	false
SSDEEP:	96:4uJgumnoYk22FLjQ17cpKsv+CHI5BXjl1e+HCLDI3kjH1erj+uYU2:4CgJfkJA7ixCxqe+GDhkT1erj+uYf
MD5:	9AD30E24270C495AE68EAF3A1EEECBFB
SHA1:	8642D256E7FFBEF5804A2D2220A1FE475A99DC36
SHA-256:	6D3EAD431ABD110369EFABC6F2E474DC24FA3D7EEC28DE43456407C5BACD6D20
SHA-512:	EB156DD0686BAAE4F46B0B0C01838DA7225529D3B31912568D36A1CC07BE006EEAD31F464B0252C3A8471ACA71E86EEE9185FE705ABAE08C56B15C63CC891AD5
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.PNG.....IHDR.....L.....FpzV....sRGB.....pHYs.....+.....IDATx^..\tTU..u...@@_..b..su....."....+k..Aeu..rX.*.feE..(M....b..BB.P.f&S_~w&.l.aH...'.0.....u.2!...`....8_...T.#.....X...N....NN-l.....5'...Z...-L..k."9..Y..Z..c.Etrja.X.O.G.....f..ha..].....2'.....S.e...)<v.XD'^.6.E.Sxt...NN-l.....5'...Z...-L..k."9..Yt.....9.{f;...f./Mh...B.GK....FG...s...MN.vqp"+.].m[&11..<O...?..EQ4.H...Z'M... #.T.....vS.^..p.).....1...JJr?gq.V..X..h..T_..Zr2g..W^...A./W...P...q.By.49..5M--e..5}..{!.s4M./Xx2.....`...!>s..4U...]...(5.8o>.X.[.xS.w)./c.Lh..a..uQ.f.d...jh.Z.d..(.=...#.....o.y...g...-=-=?..X.f./.=n]`j..k.....{4...b..T.-h..F.;u.x...[!..\...*Nx^....C..b...8.....[F.\$..4.....&?>#.d.\p.R..k..>t0?..-3g..b.....s.O..E...4o...!O=.7O=z...u1\$n..6..C.]A.X...Z.tX.....l.W....P..h@...+q..F.k.cl.x!>....0.4..p....]-e...).w....%Q.\$W.....8.....PY.k..J....T..b.l

C:\Users\user1\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\8892F2D4.png

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 288 x 77, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	23989
Entropy (8bit):	7.989754044300238
Encrypted:	false
SSDEEP:	384:SGjFc9LI+HCggc/h3GXoQjZVVawDIPsTDGY9R9cNc+3JY0kEtWhfEWa92ppgMoF3:S5pIMCgzGoOzVawisTDGY9Rs3JYhEtqy
MD5:	839795652A8FE78F26F4D86D757ABDE8
SHA1:	979E5B90C72EA3E5E9D9B506AFDC981BFCA61B60
SHA-256:	1A9EF0E2F66682B532D15457635920067C4F29EF762D2E8A3E0363B4CF39C13E
SHA-512:	E6D5CB06679832DE768E23EF42B9780EA4E8327A057A3EA0A6CD5B76908B210078EF659CA44C8723960AB59A0DB85A052C45E7A29D7FA8A643275BA5F210F6773
Malicious:	false
Reputation:	moderate, very likely benign file

C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\8892F2D4.png

Preview:	.PNG.....IHDR.....M.....sRGB.....pHYs.....+.....]ZIDATx^.....{fs..jS.....d.....`9.....8..6/.....E.BB.....yw..w.-.FF.g.5-5..ivv.'..U.Tu..8../=.R9s.Rn....Ry.....@..V.m).bCU..n....Ue,-b;K.Q.KUIUR.`./.....Y.Jy..Jy8.Q.K..Xzg..a.Y....X[...s.....`Q1b....*.....]e.a.\$.(...e....e.e.i\$SQ.i.y....o.@.....p.yx.b~....Z".Xc[...{.o.....`9K.;.....=..%.@]?..h!.....W...Z...T.Uul..V..PS[j.....W...T.Z.e..T*.J)..+K*Wt.....W.]K..4.....{<)...V+e....u.l.A...`o.w.....jUU...b...'...EW...R\...'..b.....U.X..SKV..O&..?).....}._____*..hU\..W.m.l.].0l...o..?c.a3'.2).....u.....`9..*.....q.dc...l.vq..B...9....&..rsJ\..).}.W./...g.5e...sy.....@l.l.J.UgW...q..o9^O.g;V.r*v...U.0..._?5]...x...m..Z...6...._l.....dc.....K...U.c+;;K.^..`..L...j:W(....fuB=p..w=..D....q.&..8.V.....UU.b#z...Xyo..X...*...w..U.....sW2...d.u.-~..j)....e.q.#r.f.....m]...w...1.i.bs.F..L.`}.6V..w....z
----------	--

C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\F527A360.png

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 30 x 30, 8-bit/color RGBA, non-interlaced
Category:	dropped
Size (bytes):	956
Entropy (8bit):	7.683552542542939
Encrypted:	false
SSDEEP:	24:64ZJH5wka2YQydYiFNcincNrtNmt5xx4tRFB:JJH5fYuW5c3wPoFB
MD5:	32C83607A5C98C5A634278E5AED3AD61
SHA1:	EDE34ADEA53C413C4AC8215EA48F2F2FD59F1362
SHA-256:	4A999E919D85EDD0CD1A772CA3B29F91AEECF77D0BEB11FD1B632B7A8A0686BF
SHA-512:	AF19A013377F0F7B47E54D99D0AFA222BE46072C47944E8640B09A4993DFDCC906B7C68F7E3DAB5B3F126C9AD1090EADBF17FF7068EE8E360D0EA46811C0DBC
Malicious:	false
Reputation:	low
Preview:	.PNG.....IHDR.....;0.....sRGB.....gAMA.....a.....pHYs.....o.d...QIDATHK.VMHTQ.2.h.X."h...A...jB...m.(h..b?.\$..f)..ta..jS..l..h.ETD!.."C..y....=.>8...{s..32.0Fv.F...kz..&[_.....9)m"...m..\$9.j...E.@.:D.-.0...L.hk..(...s'.k.A-~.....(....jR[m..d..O.-?:c..70.{.sw'X.j.^'+..d...N...r.....Z[[[...c...r../M'l.]&#.aR..[[...<O...<d...3...F....s9..-...x..R...q..ON.KO;..0..^.....9.S.)..x...22.....r.f.'.....+O...A..7.....q..l..S.....s/[^..Pj1'.b.lt..>o...!C.e.)...Y.....t.....r.MDq=.=...c..3%p...j...h11.[^#..."#...e...6..l-j;.9j;o/Q2..w-?<..r../?...0.`;lz.M...\.jx...h^.....r.';...<.j..E..E..u..g...7.X...T...7.....(&[.....T.....;V1w...EU.W"/.....m%.u'x/u]*....@.-.L.G....Q".%fb.Z*....K.%BX....j]J=.h'.Vef...2..8.g.jX.2s..vY.u.l.4p.\.h...W.....(r.....^Y.....2\$8F...>p_c..}.bxq#\$.':@...Y...?j.IK.Fu....lEND.B`.

C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\IE\WJ8I2OL4\lat1_0609_2[1].dll



Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PE32 executable (DLL) (GUI) Intel 80386, for MS Windows
Category:	downloaded
Size (bytes):	525280
Entropy (8bit):	7.308601583725249
Encrypted:	false
SSDEEP:	6144:rCqCGT0DHEHD7pPV25vyGOZYjbLvD6RVioO6gZ6xv4hCZWrvCXYRypmPBOA:uTGTGkn5gquflvDcVzPR0kWA
MD5:	1E2385B6C669BA98831B97915F6ACEBA
SHA1:	A1966D5CEB273CC669C8D6829E2EC9E842D6E482
SHA-256:	337A487F1CB8F16200A5D14CAC1DAC3478E95CF3077B3872D319970131BEA702
SHA-512:	1780797924A0DD5D8E53C23CCFA2E5740BA2E58EC7E7BAEF3A362EACF7956B87D58AAF341DBF8F9F3B4B07853415404BB496DA039D448E43090478E07FFB3B00
Malicious:	true
Antivirus:	Antivirus: ReversingLabs, Detection: 4%
Joe Sandbox View:	Filename: Total_order_data-V2434883.xlsb, Detection: malicious, Browse
IE Cache URL:	http://185.180.199.121/sat1_0609_2.dll
Preview:	MZ.....@.....!..L.This program cannot be run in DOS mode...\$......A...A...A...A...A...A...A...AS..A...A..Ar..A...A"...A...Ar..A...Ar..A...ARich..A.....PE..L...t'.....!...@.....P.....d.....`..U.....P..i.....#.....0.....P.....text...7.....@.....`..rdata.....P.....P.....@..@.data...c...0.....@...rsrc...i..P...p.....@..@.reloc..._.....@..B.....

C:\Users\user\AppData\Local\Temp\0A910000

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	80026
Entropy (8bit):	7.896011180732172
Encrypted:	false
SSDEEP:	1536:zZMVmEKjBX9U8fWGHZDmf5TOIMVGolahaDHTU6hryF70KiiAeW9:empX9U8fW2XmfU2sTU2yf70Kii8
MD5:	78842651E96FCD7FF4034398CCB479C0
SHA1:	77D39B8E9585E5FC297F3F8F4A65A40E3C4FFC98
SHA-256:	11ECB4E0E7C2B139D3A4BF94DCAEC0212E686F5E3EC3832F2B33C0E5175D4749
SHA-512:	9D0999D504655A1428C164D201251C34E59E0E6EC6802616CF7B8493EDA968D31FD3291E6B6B4728B331B2C700C966042556224FFE327AE0F9E7E72DA87B8B1D
Malicious:	false

```
Preview: .....
.U.N.O.....E...t...$.\\X.KK....[z..AT6y91g...jaM...w-|kF...'k...].U.S.x-[-.....2.V.v>.p.9.....p.2.D.A...F.|z....e.6.L.T.....lp.W.e.i...9.j.!B0Z.D..7...l.%(/_-.i0D.{dM.&..
.R(p.f.-D.94....O)....y.k.-Z...Q+..EL.RZ[a.....?l.b...).7V.o.....5...=J...~.#.\\!>-jdS.P.t.X&n^..Zh.ii..wt+.C.....]>CE-.....z> .....)"]..4l.-.Q.art.iOm.j.6f/...
?.....PK.....!......f.....[Content_Types].xml ...{.....}.....
.....
.....
```


Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	165
Entropy (8bit):	1.6081032063576088
Encrypted:	false
SSDEEP:	3:RFXI6dtt:RJ1
MD5:	7AB76C81182111AC93ACF915CA8331D5
SHA1:	68B94B5D4C83A6FB415C8026AF61F3F8745E2559
SHA-256:	6A499C020C6F82C54CD991CA52F84558C518CBD310B10623D847D878983A40EF
SHA-512:	A09AB74DE8A70886C22FB628BDB6A2D773D31402D4E721F9EE2F8CCEE23A569342FEECF1B85C1A25183DD370D1DFFFF75317F628F9B3AA363BBB60694F53627
Malicious:	true
Preview:	.prateshp.r.a.t.e.s.h.....



Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PE32 executable (DLL) (GUI) Intel 80386, for MS Windows
Category:	dropped
Size (bytes):	525280
Entropy (8bit):	7.308601583725249
Encrypted:	false
SSDEEP:	6144:rCqCGToDHEHD7pPV25vyGOZYjbLvD6RVioO6gZ6xv4hCZWfVcXRYpmPBOA:uTGTGkn5gqufLvDcVzPR0kWA
MD5:	1E2385B6C669BA98831B97915F6ACEBA
SHA1:	A1966D5CEB273CC669C8D6829E2EC9E842D6E482
SHA-256:	337A487F1CB8F16200A5D14CAC1DAC3478E95CF3077B3872D319970131BEA702
SHA-512:	1780797924A0DD5D8E53C23CCFA2E5740BA2E58EC7E7BAEF3A362EACF7956B87D58AAF341DBF8F9F3B4B07853415404BB496DA039D448E43090478E07FFB3B0
Malicious:	true
Antivirus:	Antivirus: ReversingLabs, Detection: 4%
Joe Sandbox View:	Filename: Total_order_data-V2434883.xlsb, Detection: malicious, Browse
Preview:	MZ.....@.....!..L!This program cannot be run in DOS mode...\$......A...A...A...A...A...A...A...AS..A...Ar..A...A"...A...Ar ..A...Ar..A..ARich..A.....PE..L...t'.....!...@.....P.....d.....`..U.....P..i.....#.....0..... .....P.....text..7.....@.....`..rdata.....P.....P.....@..@..data...c.....0.....@.....fsrc.....i...P...p.....@..@..reloc..._ `.....@..B.....

General

File type:	Microsoft Excel 2007+
Entropy (8bit):	7.870427333505728
TrID:	- Excel Microsoft Office Binary workbook document (47504/1) 49.74% - Excel Microsoft Office Open XML Format document (40004/1) 41.89% - ZIP compressed archive (8000/1) 8.38%
File name:	Order_Summary-9632850.xlsb
File size:	64436
MD5:	d091fb57338164acff3bd648a1782fd9
SHA1:	ca63bade67055580f6be380cd41bb98affd5de49
SHA256:	12bbd7661b6fd48f3552101588625bde0709dd68b28a067d000a02389e3b812
SHA512:	bf43f34f2c2547b018fb9d97218fd1eb743cf2c5344c1b02fd3f4711b2651badd07f903c46f4feb4a5e431f425999574bf7976899c8486307a91be81d254bda2

General	
SSDEEP:	1536:Uj3yHgwWIMVGolahaDHTU6hryF70liWWGH0AeWj:Uj3y02sTU2yF70liWW20a
File Content Preview:	PK.....!L.....>.....[Content_Types].xml ...({.....

File Icon	
	
Icon Hash:	74f0d0d2c6d6d0f4

Static OLE Info	
General	
Document Type:	OpenXML
Number of OLE Files:	1

OLE File "Order_Summary-9632850.xlsb"
--

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 Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Jun 10, 2021 08:48:10.144104004 CEST	8.8.8.8	192.168.2.3	0x198d	No error (0)	prda.aadg. msidentity.com	www.tm.a.prd.aadg.traffic manager.net		CNAME (Canonical name)	IN (0x0001)

HTTP Request Dependency Graph

185.180.199.121

HTTP Packets

Start time:	08:47:09
Start date:	10/06/2021
Path:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
Wow64 process (32bit):	true
Commandline:	'C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE' /automation -Embedding
Imagebase:	0xf20000
File size:	27110184 bytes
MD5 hash:	5D6638F2C8F8571C593999C58866007E
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 Written

Registry Activities

Show Windows behavior

Key Created

Key Value Created

Analysis Process: regsvr32.exe PID: 4912 Parent PID: 5620

General

Start time:	08:47:14
Start date:	10/06/2021
Path:	C:\Windows\SysWOW64\regsvr32.exe
Wow64 process (32bit):	true
Commandline:	regsvr32 -s ..\kdldyeff.dll
Imagebase:	0x870000
File size:	20992 bytes
MD5 hash:	426E7499F6A7346F0410DEAD0805586B
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: cmd.exe PID: 5800 Parent PID: 4912

General

Start time:	08:48:06
Start date:	10/06/2021
Path:	C:\Windows\SysWOW64\cmd.exe
Wow64 process (32bit):	
Commandline:	C:\Windows\system32\cmd.exe
Imagebase:	
File size:	232960 bytes
MD5 hash:	F3BDBE3BB6F734E357235F4D5898582D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Disassembly

Code Analysis