

JOeSandbox Cloud BASIC



ID: 432299

Sample Name: research-
1315978726.xlsb

Cookbook:
defaultwindowsofficecookbook.jbs

Time: 02:27:27

Date: 10/06/2021

Version: 32.0.0 Black Diamond

Table of Contents

Table of Contents	2
Analysis Report research-1315978726.xlsb	4
Overview	4
General Information	4
Detection	4
Signatures	4
Classification	4
Process Tree	4
Malware Configuration	4
Yara Overview	4
Initial Sample	4
Sigma Overview	4
System Summary:	4
Signature Overview	4
AV Detection:	5
Software Vulnerabilities:	5
System Summary:	5
Mitre Att&ck Matrix	5
Behavior Graph	5
Screenshots	6
Thumbnails	6
Antivirus, Machine Learning and Genetic Malware Detection	7
Initial Sample	7
Dropped Files	7
Unpacked PE Files	7
Domains	7
URLs	7
Domains and IPs	9
Contacted Domains	9
URLs from Memory and Binaries	9
Contacted IPs	9
Public	9
General Information	9
Simulations	10
Behavior and APIs	10
Joe Sandbox View / Context	10
IPs	10
Domains	10
ASN	10
JA3 Fingerprints	11
Dropped Files	12
Created / dropped Files	12
Static File Info	15
General	15
File Icon	16
Static OLE Info	16
General	16
OLE File "research-1315978726.xlsb"	16
Indicators	16
Macro 4.0 Code	16
Network Behavior	16
Network Port Distribution	16
TCP Packets	16
UDP Packets	16
DNS Queries	16
DNS Answers	16
HTTPS Packets	17
Code Manipulations	17
Statistics	17
Behavior	17
System Behavior	17
Analysis Process: EXCEL.EXE PID: 6884 Parent PID: 800	17
General	18
File Activities	18
File Created	18
File Deleted	18
File Written	18
Registry Activities	18
Key Created	18
Key Value Created	18
Analysis Process: regsvr32.exe PID: 4660 Parent PID: 6884	18
General	18
Analysis Process: regsvr32.exe PID: 3496 Parent PID: 6884	18
General	18
Disassembly	19

Analysis Report research-1315978726.xlsb

Overview

General Information

Sample Name:

research-1315978726.xlsb

Analysis ID:

432299

MD5:

16e98bbb97063a..

SHA1:

199d7e0a8f09f50..

SHA256:

234386ff7559637..

Infos:



Most interesting Screenshot:



Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

Hidden Macro 4.0

Score:

76

Range:

0 - 100

Whitelisted:

false

Confidence:

100%

Signatures

Multi AV Scanner detection for subm...

Office document tries to convince vi...

Document exploit detected (UriDown...

Document exploit detected (process...

Found Excel 4.0 Macro with suspicio...

Found abnormal large hidden Excel ...

Sigma detected: Microsoft Office Pr...

JA3 SSL client fingerprint seen in co...

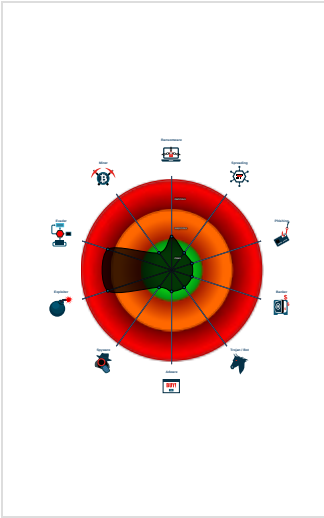
Potential document exploit detected...

Potential document exploit detected...

Potential document exploit detected...

Registers a DLL

Classification



Process Tree

- System is w10x64
- EXCEL.EXE (PID: 6884 cmdline: 'C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE' /automation -Embedding MD5: 5D6638F2C8F8571C593999C58866007E)
 - regsvr32.exe (PID: 4660 cmdline: regsvr32 -s ..\werty1.dll MD5: 426E7499F6A7346F0410DEAD0805586B)
 - regsvr32.exe (PID: 3496 cmdline: regsvr32 -s ..\werty2.dll MD5: 426E7499F6A7346F0410DEAD0805586B)
- 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

AV Detection:



Multi AV Scanner detection for submitted file

Software Vulnerabilities:



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)

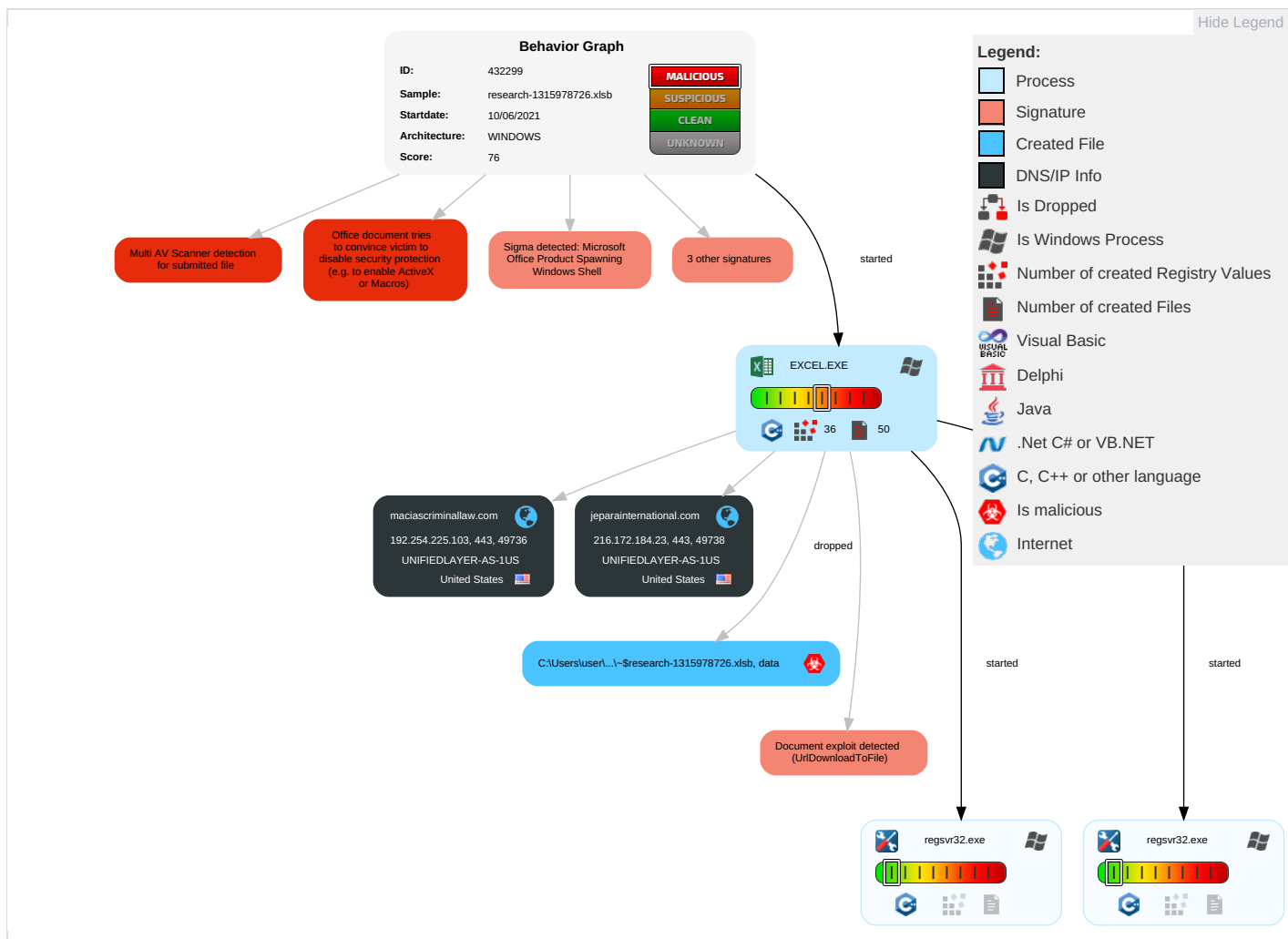
Found Excel 4.0 Macro with suspicious formulas

Found abnormal large hidden Excel 4.0 Macro sheet

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
Valid Accounts	Scripting 2	DLL Side-Loading 1	Process Injection 1	Regsvr32 1	OS Credential Dumping	Security Software Discovery 1	Remote Services	Data from Local System	Exfiltration Over Other Network Medium	Encrypted Channel 2	Eavesdrop on Insecure Network Communication	Remotely Track Device Without Authorization
Default Accounts	Exploitation for Client Execution 2 3	Boot or Logon Initialization Scripts	DLL Side-Loading 1	Masquerading 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	Remotely Wipe Data Without Authorization
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Disable or Modify Tools 1	Security Account Manager	System Information Discovery 2	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Application Layer Protocol 2	Exploit SS7 to Track Device Location	Obtain Device Cloud Backups
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Process Injection 1	NTDS	System Network Configuration Discovery	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM Card Swap	
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Scripting 2	LSA Secrets	Remote System Discovery	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communication	
Replication Through Removable Media	Launchd	Rc.common	Rc.common	DLL Side-Loading 1	Cached Domain Credentials	System Owner/User Discovery	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamming or Denial of Service	

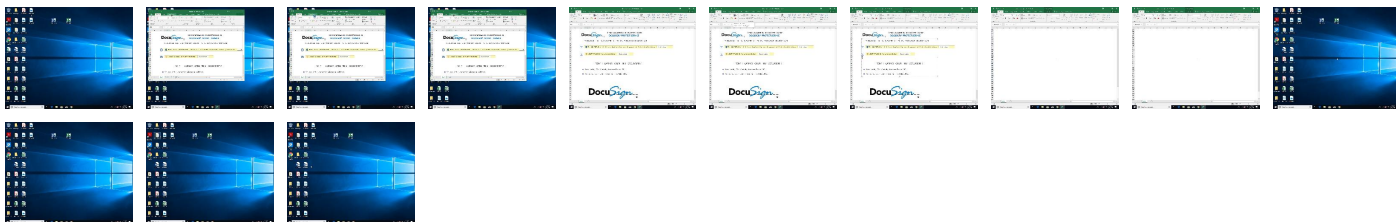
Behavior Graph



Screenshots

Thumbnails

This section contains all screenshots as thumbnails, including those not shown in the slideshow.





Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

Source	Detection	Scanner	Label	Link
research-1315978726.xlsb	18%	Virustotal		Browse

Dropped Files

No Antivirus matches

Unpacked PE Files

No Antivirus matches

Domains

Source	Detection	Scanner	Label	Link
maciascriminallaw.com	1%	Virustotal		Browse
jeparainternational.com	0%	Virustotal		Browse

URLs

Source	Detection	Scanner	Label	Link
http://https://cdn.entity.	0%	URL Reputation	safe	
http://https://cdn.entity.	0%	URL Reputation	safe	

Source	Detection	Scanner	Label	Link
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://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://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://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://api.aadrm.com/	0%	URL Reputation	safe	
http://https://ofcrecsvcapi-int.azurewebsites.net/	0%	Virustotal		Browse
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://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://powerlift-frontdesk.acompli.net	0%	URL Reputation	safe	
http://https://officeci.azurewebsites.net/api/	0%	Virustotal		Browse
http://https://officeci.azurewebsites.net/api/	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.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://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://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://https://www.odwebp.svc.ms	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://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://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://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://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	

Source	Detection	Scanner	Label	Link
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://https://wus2.contentsync.	0%	URL Reputation	safe	
http://https://asgmsproxyapi.azurewebsites.net/	0%	Avira URL Cloud	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://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://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	
http://https://ovisualuiapp.azurewebsites.net/pbiagave/	0%	Avira URL Cloud	safe	
http://https://directory.services.	0%	URL Reputation	safe	
http://https://directory.services.	0%	URL Reputation	safe	
http://https://directory.services.	0%	URL Reputation	safe	
http://https://staging.cortana.ai	0%	URL Reputation	safe	
http://https://staging.cortana.ai	0%	URL Reputation	safe	
http://https://staging.cortana.ai	0%	URL Reputation	safe	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
maciascriminallaw.com	192.254.225.103	true	false	1%, Virustotal, Browse	unknown
jeparainternational.com	216.172.184.23	true	false	0%, Virustotal, Browse	unknown

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
192.254.225.103	maciascriminallaw.com	United States		46606	UNIFIEDLAYER-AS-1US	false
216.172.184.23	jeparainternational.com	United States		46606	UNIFIEDLAYER-AS-1US	false

General Information

Joe Sandbox Version:	32.0.0 Black Diamond
Analysis ID:	432299
Start date:	10.06.2021
Start time:	02:27:27
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 5m 1s

Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	research-1315978726.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:	22
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:	mal76.expl.evad.winXLSB@5/10@2/2
EGA Information:	Failed
HDC Information:	Failed
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

No simulations

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
192.254.225.103	research-2012220787.xlsb	Get hash	malicious	Browse	
	research-2012220787.xlsb	Get hash	malicious	Browse	
216.172.184.23	research-2012220787.xlsb	Get hash	malicious	Browse	
	research-2012220787.xlsb	Get hash	malicious	Browse	

Domains

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
jeparainternational.com	research-2012220787.xlsb	Get hash	malicious	Browse	• 216.172.184.23
	research-2012220787.xlsb	Get hash	malicious	Browse	• 216.172.184.23
maciascriminallaw.com	research-2012220787.xlsb	Get hash	malicious	Browse	• 192.254.225.103
	research-2012220787.xlsb	Get hash	malicious	Browse	• 192.254.225.103

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
UNIFIEDLAYER-AS-1US	ExHNIXd73f.exe	Get hash	malicious	Browse	108.167.14 2.232
	research-2012220787.xlsb	Get hash	malicious	Browse	216.172.184.23
	research-2012220787.xlsb	Get hash	malicious	Browse	216.172.184.23
	viVrtGR9Wg.xlsb	Get hash	malicious	Browse	192.185.11 3.120
	DEMLwnv0Nt.xlsb	Get hash	malicious	Browse	192.185.11 3.120
	audit-367497006.xlsb	Get hash	malicious	Browse	192.185.11 3.120
	analysis-31947858.xlsb	Get hash	malicious	Browse	108.167.15 6.223
	analysis-1593377733.xlsb	Get hash	malicious	Browse	108.167.15 6.223
	research-531942606.xlsb	Get hash	malicious	Browse	192.185.33.8
	OM PHOENIX TRADERS.exe	Get hash	malicious	Browse	192.254.18 5.244
	research-121105165.xlsb	Get hash	malicious	Browse	192.185.33.8
	research-76934760.xlsb	Get hash	malicious	Browse	192.185.33.8
	research-1960540844.xlsx	Get hash	malicious	Browse	192.185.33.8
	fm8m5vuj2w.exe	Get hash	malicious	Browse	192.185.26.241
	research-1110827633.xlsb	Get hash	malicious	Browse	192.185.33.8
	swift_08_06_21.exe	Get hash	malicious	Browse	162.241.61.204
	INVOICES,PDF.exe	Get hash	malicious	Browse	192.254.224.94
	Outstanding_Payments.exe	Get hash	malicious	Browse	192.185.129.69
	xTnb7uPpSb.xls	Get hash	malicious	Browse	192.185.10 7.121
	xTnb7uPpSb.xls	Get hash	malicious	Browse	192.185.14 5.162
UNIFIEDLAYER-AS-1US	ExHNIXd73f.exe	Get hash	malicious	Browse	108.167.14 2.232
	research-2012220787.xlsb	Get hash	malicious	Browse	216.172.184.23
	research-2012220787.xlsb	Get hash	malicious	Browse	216.172.184.23
	viVrtGR9Wg.xlsb	Get hash	malicious	Browse	192.185.11 3.120
	DEMLwnv0Nt.xlsb	Get hash	malicious	Browse	192.185.11 3.120
	audit-367497006.xlsb	Get hash	malicious	Browse	192.185.11 3.120
	analysis-31947858.xlsb	Get hash	malicious	Browse	108.167.15 6.223
	analysis-1593377733.xlsb	Get hash	malicious	Browse	108.167.15 6.223
	research-531942606.xlsb	Get hash	malicious	Browse	192.185.33.8
	OM PHOENIX TRADERS.exe	Get hash	malicious	Browse	192.254.18 5.244
	research-121105165.xlsb	Get hash	malicious	Browse	192.185.33.8
	research-76934760.xlsb	Get hash	malicious	Browse	192.185.33.8
	research-1960540844.xlsx	Get hash	malicious	Browse	192.185.33.8
	fm8m5vuj2w.exe	Get hash	malicious	Browse	192.185.26.241
	research-1110827633.xlsb	Get hash	malicious	Browse	192.185.33.8
	swift_08_06_21.exe	Get hash	malicious	Browse	162.241.61.204
	INVOICES,PDF.exe	Get hash	malicious	Browse	192.254.224.94
	Outstanding_Payments.exe	Get hash	malicious	Browse	192.185.129.69
	xTnb7uPpSb.xls	Get hash	malicious	Browse	192.185.10 7.121
	xTnb7uPpSb.xls	Get hash	malicious	Browse	192.185.14 5.162

JA3 Fingerprints

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
37f463bf4616ecd445d4a1937da06e19	ManyToOneMailMerge Ver 18.2.dotm	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	Sleek_Free.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	pT2QK2iM34.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	#Ud83d#Udcde_#U25b6#Ufe0f.htm	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	wzdu53.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	LVh23zF9x9.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	5t5CHsBPkq.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	8KfPvyojv5.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	research-2012220787.xlsb	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	research-2012220787.xlsb	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	pd5S1Fiscq.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	7mC2DVkOx8.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	viVrtGR9Wg.xlsb	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	eWiuOkCSSf.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	DEMLwnv0Nt.xlsb	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	ushWNWLfGL.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	Nota Fiscal Eletronica 00111834.msi	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	snAtEF9kUq.exe	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	Bills Pending Approval.html	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23
	Documents_13134976_1377491379.xlsb	Get hash	malicious	Browse	192.254.22 5.103 216.172.184.23

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\Office\16.0\WebServiceCache\AllUsers\officeclient.microsoft.com\061EEC91-AC6C-4F94-9CAD-C3CC9D0CDD97	
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):	5.369105824642706
Encrypted:	false
SSDEEP:	1536:OcQIKNEeBXA3gBwlpQ9DQW+z7534ZliKWxboOilX5ENLWME9:eEQ9DQW+ziXOe
MD5:	0D677BA47EF33AB23BAEAFCB56F0A0E2
SHA1:	A1CC985C44A32BD67B7356FC9F5E19D64874CB43

C:\Users\user\AppData\Local\Microsoft\Office\16.0\WebServiceCache\AllUsers\officeclient.microsoft.com\061EEC91-AC6C-4F94-9CAD-C3CC9D0CDD97	
SHA-256:	11F2DA3CFE7A79BCB90EE469852E78F55FBC24D408213504921B7AA285B1E6F9
SHA-512:	A00E0A292E7BC14529D8BDFCA332EFF5FDA46C365C5120A5CF61BF515CB313C5DDF885ECC5E630691D48B6859A2A8E431E8ABE7B93E9A3C035C89F358D9EC2D
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="2021-06-10T00:28:18">..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="CIViewClientHelpId">..<o:url>https://[MAX.BaseHost]/client/results</o:url>..</o:service>..<o:service o:name="CIViewClientHome">..<o:url>https://[MAX.BaseHost]/client/results</o:url>..</o:service>..<o:service o:name="CIViewClientTemplate">..<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\13596CDF.png

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 24 x 24, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	848
Entropy (8bit):	7.595467031611744
Encrypted:	false
SSDEEP:	24:NLJZbn0JL5Q3H/hbqzej+0C3Yi6yyuq53q;JlJm3pQCLWYi67lc
MD5:	02DB1068B56D3FD907241C2F3240F849
SHA1:	58EC338C879DDBDF02265CBEFA9A2FB08C569D20
SHA-256:	D58FF94F5BB5D49236C138DC109CE83E82879D0D44BE387B0EA3773D908DD25F
SHA-512:	9057CE6FA62F83BB3F3EFAB2E5142ABC41190C08846B90492C37A51F07489F69EDA1D1CA6235C2C8510473E8EA443ECC5694E415AEAF3C7BD07F86421206467f
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.PNG.....IHDR.....o.....sRGB.....pHYs.....+.....IDAT8O.TjH.Q...;3...?.fk.IR..R\$.R.Pb.Q...B..OA.T\$.hAD...J./...-h...fj...+...;svg.Zsw.=...{w.s.w.@...;s...O.....:;y.p.....s1@ lr.....>.LLa.b?h...l.6.U...1....r....T..O.d.KSA...7.YS..a.(F@...xe.^l..\$h...PpJ...k%.....9..QQ....h..!H*...../....2..J2..HG....A...Q&...k...d.&..Xa.t.E...E..f2.d(../v~.P.+pik+;xEU.g.....xfw...+...(.pQ.(.U./..).@..?.....f'...lx+@F...+...).k.A2...r-B...TZ..y..9...`0....q....yY....Q.....A...8j[.O9.t.&...g. l@ ...;X!...9S.J5..:xh...8l.~+...mf.m.W.i.[...+>P...Rh...+..br*\$..q.^.....(....j...\$.Ar...Mzm]...9..E..!U[.S.fDx7<....Wd.....p..C.....^Myl!...c.^..Sl.mGj.....!...h..\$.;.....yD./..a...-j.^;..v....RQY*^.....IEND.B`.

C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\277D16D6.png

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 24 x 24, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	557
Entropy (8bit):	7.343009301479381
Encrypted:	false
SSDEEP:	12:6v/7aLMZ5i9TvSb5Lr6U7+uHK2yJtNJTNSB0qNMQCvGEvfqVFfSq6ixPT3Zf:Ng8SdCu7+uqF20qNM1dvfSviNd
MD5:	A516B6CB784827C6BDE58BC9D341C1BD
SHA1:	9D602E7248E06FF639E6437A0A16EA7A4F9E6C73
SHA-256:	EF8F7EDB6BA0B5ACEC64543A0AF1B133539FFD439F8324634C3F970112997074
SHA-512:	C297A61DA1D7E7F247E14D188C425D43184139991B15A5F932403EE68C356B01879B90B7F96D55B0C9B02F6B9BFAF4E915191683126183E49E668B6049048D35
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	.PNG.....IHDR.....o.....sRGB.....pHYs.....+.....IDAT8O.....l.9a_..X....@.`ddbc.].....O..m7.r0 ... ".....?A.....w...;N1u....._[Y...BK=...F +t.M~..oX..%.....211o.q.P.".....y...../..l.r...4..Q]..h.....LL.d.....d...w.>{e..k.7.9y.%...Ypl..{+Kv...../..[...A.....^5c..O?.....G...VB..4HWY...9NU...?..S.\$..1..6.U.....c... ..7..J."M..5._.....d.V.W.c.....Y.A.S.....~C.....q.....t?...."n.....4.....G_.....Q..x..W.!L.a...3...MR. .-P#P;..p_.....jUG....X.....IEND.B`.

C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\3EB26154.png

Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 246 x 108, 8-bit/color RGB, non-interlaced
Category:	dropped
Size (bytes):	10270
Entropy (8bit):	7.975714699744477
Encrypted:	false
SSDEEP:	192:3sXvKLMbye/PEXiKTUgCto9h4F6NwfU6vGDpdYNbcQZgkbd4cgc:3iLh/gJ59CDfU6LocbGK
MD5:	9C4F09E387EA7B36C8149EA7C5F8876E
SHA1:	FF83384288EB89964C3872367E43F25FAFF007CC
SHA-256:	A51C1D65092272DAEB2541D64A10539F0D04BC2F51B281C7A3296500CFCFA56DE
SHA-512:	0FDDE22CFDDDE8BB1C04842D2810D0FD6D42192594E0D6120DE401B08B7E2CFFB5333792BC748E93CD70FA14734CC7D950620CB977DDBBDB52D92BDA8F3552F8
Malicious:	false
Reputation:	moderate, very likely benign file

C:\Users\user\AppData\Local\Temp\5BA40000	
Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	157800
Entropy (8bit):	7.9645932084113005
Encrypted:	false
SSDEEP:	3072:LdlQ9VIUBWA6CFvA7brCxAVIKMvIV1REyNEsAnexVymd1xXPwRF:Lw3liWA6FiYMvTfzTYexVyWxfq
MD5:	0EFB0AF51C1E73765EF2B9E27DDD174D
SHA1:	A510C505F38C6C952963268A7C0C356F36888D96
SHA-256:	1AB5B0F480397146CDEA3D99127BE082316CE7B1E898D6FF25381D8DFB3B21B1
SHA-512:	914560821AA1942A6CCE87AB703E4AFF745D67D6537AD3806C56FB895B309AA7D95E746BF68FAA8A0480CD47854CD3BD532F20629FB3F0DC67AF3E0A8DFDD91
Malicious:	false
Preview:	.U.N.0.jG.....J\@Z!.....w.`?....U..1..=c7..JK)...'s.3.x ...z.....7#V..^i...u}.*L.)a...-.....n..+v.>.p.9.....p...hE.... .t.OF._\z....e.6..._L.T]-hy.d...~...T-.-E"....w\$.....%.C....H.4 jb.....o...{.m..7gD0.....2K)..?..r.c.....T7"?.[a.....f;H6.b....).5V.....Y.....?A.v.l_.....Qt.B...b.....c.t.....\..g..a'.....6..].k...T..Y.....}...K3.&.4#....D...u .l.z.m..kF.....@m...<.....PK.....!.[.....[Content_Types].xml ...(.....

C:\Users\user\AppData\Roaming\Microsoft\UProof\CUSTOM.DIC	
Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	Little-endian UTF-16 Unicode text, with CR line terminators
Category:	dropped
Size (bytes):	22
Entropy (8bit):	2.9808259362290785
Encrypted:	false
SSDEEP:	3:QAIX0Gn:QKn
MD5:	7962B839183642D3CDC2F9CEBDBF85CE
SHA1:	2BE8F6F309962ED367866F6E70668508BC814C2D
SHA-256:	5EB8655BA3D3E7252CA81C2B9076A791CD912872D9F0447F23F4C4AC4A6514F6
SHA-512:	2C332AC29FD3FAB66DBD918D60F9BE78B589B090282ED3DBEA02C4426F6627E4AAFC4C13FBCA09EC4925EAC3ED4F8662FDF1D7FA5C9BE714F8A7B993BECB:
Malicious:	false
Preview:	p.r.a.t.e.s.h....

C:\Users\user\Desktop\-\$research-1315978726.xlsb		
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:	A09AB74DE8A70886C22FB628BDB6A2D773D31402D4E721F9EE2F8CCEE23A569342FEECF1B85C1A25183DD370D1DFFFF75317F628F9B3AA363BBB60694F5362C7	
Malicious:	true	
Preview:	.pratesh ..p.r.a.t.e.s.h.	

Static File Info

General	
File type:	Microsoft Excel 2007+
Entropy (8bit):	7.958173108296155
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:	research-1315978726.xlsb

General

File size:	157750
MD5:	16e98bbb97063adbd82fc6f67db3adf9
SHA1:	199d7e0a8f09f509f4a3e9956f92eb23652d0a3a
SHA256:	234386ff7559637293b27cc3e2d7fa6b181b0c1104a63abb61772902fba4d5af
SHA512:	773becc5841a252acddb80a80bee2f727a751123f830bc054101c833812476452496cca5f69f562dfb36eeacc740bcf2917f8c15d01357b28030768b8f2b9256
SSDEEP:	3072:4jTemXbxVymd1xXPMU9VIUBWA6CFvA7bRCxA VIKxvl:qTecbxVyWxfMU3liWA6FsY+
File Content Preview:	PK.....!...k....."[Content_Types].xml ...(.

File Icon

	
Icon Hash:	74f0d0d2c6d6d0f4

Static OLE Info

General

Document Type:	OpenXML
Number of OLE Files:	1

OLE File "research-1315978726.xlsx"

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
Jun 10, 2021 02:28:21.741347075 CEST	192.168.2.4	8.8.8.8	0x1a68	Standard query (0)	maciascristinallaw.com	A (IP address)	IN (0x0001)
Jun 10, 2021 02:28:23.048994064 CEST	192.168.2.4	8.8.8.8	0xe842	Standard query (0)	jeparainternational.com	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Jun 10, 2021 02:28:21.937455893 CEST	8.8.8.8	192.168.2.4	0x1a68	No error (0)	maciascrim inallaw.com		192.254.225.103	A (IP address)	IN (0x0001)
Jun 10, 2021 02:28:23.111008883 CEST	8.8.8.8	192.168.2.4	0xe842	No error (0)	jeparainte rnational.com		216.172.184.23	A (IP address)	IN (0x0001)

HTTPS Packets

Timestamp	Source IP	Source Port	Dest IP	Dest Port	Subject	Issuer	Not Before	Not After	JA3 SSL Client Fingerprint	JA3 SSL Client Digest
Jun 10, 2021 02:28:22.318130016 CEST	192.254.225.103	443	192.168.2.4	49736	CN=*.maciascriminallaw.com CN=R3, O=Let's Encrypt, C=US	CN=R3, O=Let's Encrypt, C=US CN=DST Root CA X3, O=Digital Signature Trust Co.	Fri Apr 16 18:01:50 CEST 2021	Thu Jul 15 18:01:50 CEST 2021	771,49196-49195-49200-49199-49188-49187-49192-49191-49162-49161-49172-49171-157-156-61-60-53-47-10,0-10-11-13-35-23-65281,29-23-24,0	37f463bf4616ecd445d4a1937da06e19
					CN=R3, O=Let's Encrypt, C=US	CN=DST Root CA X3, O=Digital Signature Trust Co.	Wed Oct 07 21:21:40 CEST 2020	Wed Sep 29 21:21:40 CEST 2021		
Jun 10, 2021 02:28:23.435131073 CEST	216.172.184.23	443	192.168.2.4	49738	CN=*.republicfurnitures.com CN=R3, O=Let's Encrypt, C=US CN=ISRG Root X1, O=Internet Security Research Group, C=US	CN=R3, O=Let's Encrypt, C=US CN=ISRG Root X1, O=Internet Security Research Group, C=US CN=DST Root CA X3, O=Digital Signature Trust Co.	Sat May 15 11:50:01 CEST 2021	Fri Aug 13 11:50:01 CEST 2021	771,49196-49195-49200-49199-49188-49187-49192-49191-49162-49161-49172-49171-157-156-61-60-53-47-10,0-10-11-13-35-23-65281,29-23-24,0	37f463bf4616ecd445d4a1937da06e19
					CN=R3, O=Let's Encrypt, C=US	CN=ISRG Root X1, O=Internet Security Research Group, C=US	Fri Sep 04 02:00:00 CEST 2020	Mon Sep 15 18:00:00 CEST 2025		
					CN=ISRG Root X1, O=Internet Security Research Group, C=US	CN=DST Root CA X3, O=Digital Signature Trust Co.	Wed Jan 20 20:14:03 CET 2021	Mon Sep 30 20:14:03 CEST 2024		

Code Manipulations

Statistics

Behavior

 Click to jump to process

System Behavior

Analysis Process: EXCEL.EXE PID: 6884 Parent PID: 800

General	
Start time:	02:29:13
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:	0x1360000
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: 4660 Parent PID: 6884

General	
Start time:	02:29:20
Start date:	10/06/2021
Path:	C:\Windows\SysWOW64\regsvr32.exe
Wow64 process (32bit):	true
Commandline:	regsvr32 -s ..\werty1.dll
Imagebase:	0xb50000
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: regsvr32.exe PID: 3496 Parent PID: 6884

General	
Start time:	02:29:20
Start date:	10/06/2021
Path:	C:\Windows\SysWOW64\regsvr32.exe
Wow64 process (32bit):	true
Commandline:	regsvr32 -s ..\werty2.dll
Imagebase:	0xb50000
File size:	20992 bytes
MD5 hash:	426E7499F6A7346F0410DEAD0805586B
Has elevated privileges:	true

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

Disassembly

Code Analysis