



ID: 365435
Cookbook: browseurl.jbs
Time: 15:35:42
Date: 09/03/2021
Version: 31.0.0 Emerald

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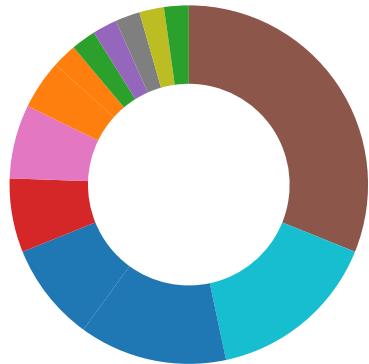
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Sigma Overview

No Sigma rule has matched

Signature Overview



- AV Detection
- Compliance
- Software Vulnerabilities
- Networking
- Key, Mouse, Clipboard, Microphone and Screen Capturing
- System Summary
- Data Obfuscation
- Persistence and Installation Behavior
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion
- Anti Debugging
- HIPS / PFW / Operating System Protection Evasion
- Language, Device and Operating System Detection

Click to jump to signature section

AV Detection:



Antivirus / Scanner detection for submitted sample
Multi AV Scanner detection for domain / URL
Multi AV Scanner detection for dropped file
Multi AV Scanner detection for submitted file

Data Obfuscation:



Yara detected GuLoader
Yara detected VB6 Downloader Generic

Malware Analysis System Evasion:



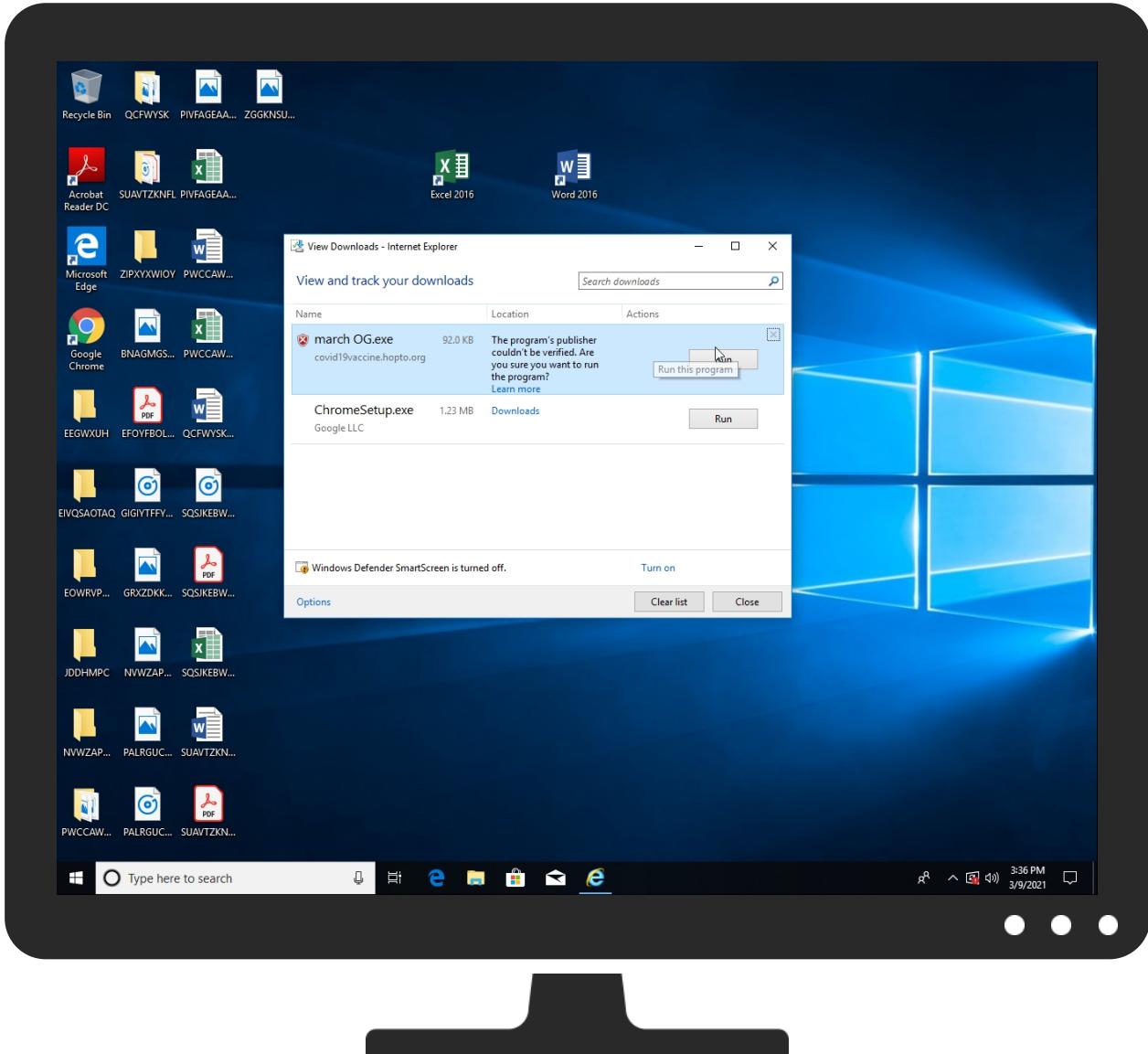
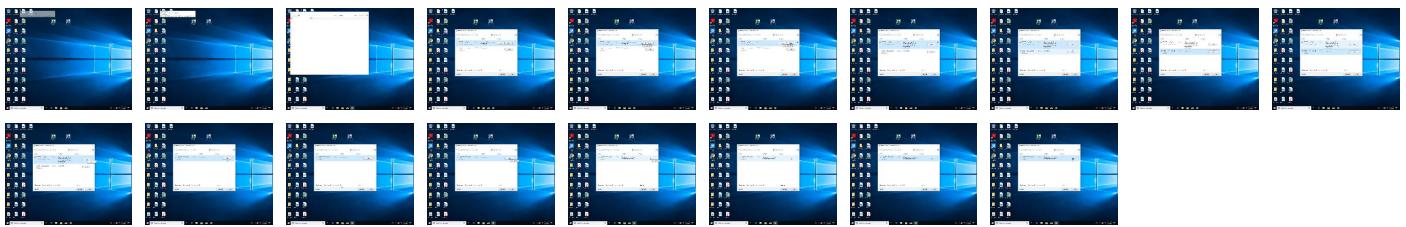
Contains functionality to detect hardware virtualization (CPUID execution measurement)
Detected RDTSC dummy instruction sequence (likely for instruction hammering)
Tries to detect Any.run
Tries to detect sandboxes and other dynamic analysis tools (process name or module or function)
Tries to detect virtualization through RDTSC time measurements

Anti Debugging:



Contains functionality to hide a thread from the debugger
Hides threads from debuggers

Mitre Att&ck Matrix



Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

Source	Detection	Scanner	Label	Link
http://covid19vaccine.hopto.org/march%20OG.exe	18%	Virustotal		Browse
http://covid19vaccine.hopto.org/march%20OG.exe	100%	Avira URL Cloud	malware	

Dropped Files

Source	Detection	Scanner	Label	Link
C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\march OG.exe.0mzlwb.partial	76%	Virustotal		Browse
C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\march OG.exe.0mzlwb.partial	24%	Metadefender		Browse
C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\MEEXW4H4\march OG.exe.0mzlwb.partial	82%	ReversingLabs	Win32.Trojan.VBObfusc	
C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\IE\WJ8I2OL4\march%20OG[1].exe	24%	Metadefender		Browse

Private

IP	
192.168.2.1	

General Information

Joe Sandbox Version:	31.0.0 Emerald
Analysis ID:	365435
Start date:	09.03.2021
Start time:	15:35:42
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 5m 40s
Hypervisor based Inspection enabled:	false
Report type:	light
Cookbook file name:	browseurl.jbs
Sample URL:	http://covid19vaccine.hopto.org/march OG.exe
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:	27
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:	<ul style="list-style-type: none">• HCA enabled• EGA enabled• AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal100.troj.evad.win@7/9@1/2
EGA Information:	<ul style="list-style-type: none">• Successful, ratio: 50%
HCA Information:	Failed
Cookbook Comments:	<ul style="list-style-type: none">• Adjust boot time• Enable AMSI

Warnings:

Show All

- Exclude process from analysis (whitelisted): taskhostw.exe, MpCmdRun.exe, BackgroundTransferHost.exe, ielowutil.exe, backgroundTaskHost.exe, SgrmBroker.exe, conhost.exe, svchost.exe
- TCP Packets have been reduced to 100
- Excluded IPs from analysis (whitelisted): 204.79.197.200, 13.107.21.200, 184.30.21.219, 92.122.145.220, 88.221.62.148, 13.64.90.137, 2.18.68.82, 51.104.144.132, 152.199.19.161, 168.61.161.212, 2.20.142.209, 2.20.142.210, 20.54.26.129, 131.253.33.200, 13.107.22.200, 92.122.213.247, 92.122.213.194, 13.88.21.125, 104.42.151.234
- Excluded domains from analysis (whitelisted): storeedgefd.dsx.mp.microsoft.com.edgekey.net.glo balredir.akadns.net, au.download.windowsupdate.com.edgesuite.net, arc.msn.com.nsatc.net, store-images.s-microsoft.com.c.edgekey.net, fs-wildcard.microsoft.com.edgekey.net, fs-wildcard.microsoft.com.edgekey.net.globalredir.aka dns.net, a1449.dscg2.akamai.net, storeedgefd.xbetservices.akadns.net, arc.msn.com, e11290.dspg.akamaiedge.net, ieclist.microsoft.com, e12564.dsdp.akamaiedge.net, go.microsoft.com, www.bing.com.dual-a-0001.a-msedge.net, audownload.windowsupdate.nsatc.net, watson.telemetry.microsoft.com, img-prod-cms-rt-microsoft.com.akamaized.net, prod.fs.microsoft.com.akadns.net, au-bg-shim.trafficmanager.net, storeedgefd.dsx.mp.microsoft.com, www.bing.com, skypedataprddcolwus17.cloudapp.net, fs.microsoft.com, dual-a-0001.a-msedge.net, ie9comview.vo.msecnd.net, ris-prod.trafficmanager.net, e1723.g.akamaiedge.net, skypedataprddcolcus17.cloudapp.net, ctld.windowsupdate.com, a767.dscg3.akamai.net, storeedgefd.dsx.mp.microsoft.com.edgekey.net, ris.api.iris.microsoft.com, dual-a-0001.dc-msedge.net, a-0001.a-afdentry.net.trafficmanager.net, store-images.s-microsoft.com, go.microsoft.com.edgekey.net, blobcollector.events.data.trafficmanager.net, e16646.dscg.akamaiedge.net, skypedataprddcolwus15.cloudapp.net, skypedataprddcolwus16.cloudapp.net, cs9.wpc.v0cdn.net
- Execution Graph export aborted for target march OG.exe, PID 6092 because there are no executed function

Simulations

Behavior and APIs

No simulations

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

- iexplore.exe
- iexplore.exe
- march OG.exe
- march OG.exe



Click to jump to process

System Behavior

Analysis Process: iexplore.exe PID: 3476 Parent PID: 792

General

Start time:	15:36:35
Start date:	09/03/2021
Path:	C:\Program Files\internet explorer\iexplore.exe
Wow64 process (32bit):	false
Commandline:	'C:\Program Files\Internet Explorer\iexplore.exe' -Embedding
Imagebase:	0x7ff6a9080000
File size:	823560 bytes
MD5 hash:	6465CB92B25A7BC1DF8E01D8AC5E7596
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	low

File Activities

File Path	Access	Attributes	Options	Completion	Source Count	Address	Symbol
File Path	Offset	Length	Value	Ascii	Completion	Source Count	Address Symbol
File Path	Offset	Length	Completion	Source Count	Address	Symbol	

Registry Activities

Key Path	Completion	Source Count	Address	Symbol
Key Path	Completion	Source Count	Address	Symbol
Key Path	Completion	Source Count	Address	Symbol

Analysis Process: iexplore.exe PID: 5588 Parent PID: 3476

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

Disassembly

Code Analysis