



ID: 339333

Sample Name: URGENT MEDICAL REQUIREMENT.exe

Cookbook: default.jbs **Time**: 21:09:25 **Date**: 13/01/2021

Version: 31.0.0 Red Diamond

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Analysis Process: URGENT MEDICAL REQUIREMENT.exe PID: 6388 Parent PID: 5652	12
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Analysis Report URGENT MEDICAL REQUIREMENT.exe

Overview

General Information



Detection



Signatures



Classification



Startup

- System is w10x64
- URGENT MEDICAL REQUIREMENT.exe (PID: 6388 cmdline: 'C:\Users\user\Desktop\URGENT MEDICAL REQUIREMENT.exe' MD5: 8272ECC1672ECB390CDEDB27DF85B20D)
- cleanup

Malware Configuration

No configs have been found

Yara Overview

Memory Dumps

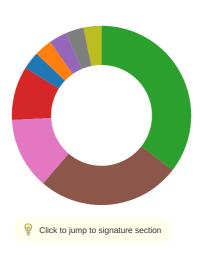
Source	Rule	Description	Author	Strings
Process Memory Space: URGENT MEDICAL REQ UIREMENT.exe PID: 6388	JoeSecurity_VB6Download erGeneric	Yara detected VB6 Downloader Generic	Joe Security	
Process Memory Space: URGENT MEDICAL REQ UIREMENT.exe PID: 6388	JoeSecurity_GuLoader	Yara detected GuLoader	Joe Security	

Sigma Overview

No Sigma rule has matched

Signature Overview

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- AV Detection
- Compliance
- System Summary
- Data Obfuscation
- 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

AV Detection:



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)

Potential time zone aware malware

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:



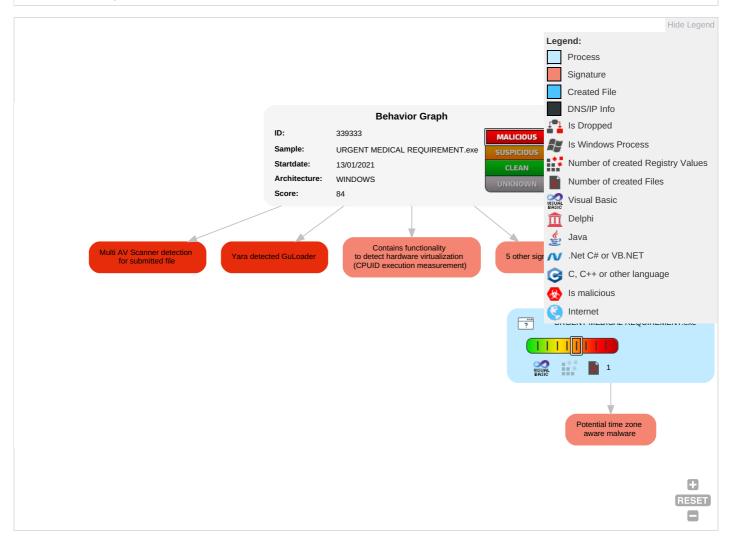
Found potential dummy code loops (likely to delay analysis)

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects
Valid Accounts	Windows Management Instrumentation	Path Interception	Process Injection 1	Virtualization/Sandbox Evasion 1 1	OS Credential Dumping	System Time Discovery 1	Remote Services	Archive Collected Data 1	Exfiltration Over Other Network Medium	Encrypted Channel 1	Eavesdrop on Insecure Network Communication
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	Process Injection 1	LSASS Memory	Security Software Discovery 5 1 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Junk Data	Exploit SS7 to Redirect Phone Calls/SMS
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Obfuscated Files or Information 1	Security Account Manager	Virtualization/Sandbox Evasion 1 1	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Steganography	Exploit SS7 to Track Device Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Binary Padding	NTDS	Process Discovery 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM Card Swap
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Software Packing	LSA Secrets	System Information Discovery 3 1 1	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communication

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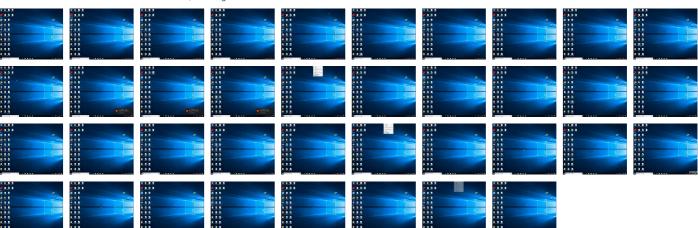
Behavior Graph



Screenshots

Thumbnails

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



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Antivirus, Machine Learning and Genetic Malware Detection Initial Sample Detection Scanner Label Link URGENT MEDICAL REQUIREMENT.exe 24% Virustotal **Dropped Files** No Antivirus matches **Unpacked PE Files** No Antivirus matches **Domains** No Antivirus matches **URLs** No Antivirus matches

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Domains and IPs

Contacted Domains

No contacted domains info

Contacted IPs

No contacted IP infos

General Information

Joe Sandbox Version:	31.0.0 Red Diamond
Analysis ID:	339333
Start date:	
	13.01.2021
Start time:	21:09:25
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 10m 45s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	URGENT MEDICAL REQUIREMENT.exe
Cookbook file name:	default.jbs
Analysis system description:	Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211
Number of analysed new started processes analysed:	36
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.troj.evad.winEXE@1/0@0/0
EGA Information:	Failed
HDC Information:	 Successful, ratio: 18% (good quality ratio 9.5%) Quality average: 32.5% Quality standard deviation: 34.6%
HCA Information:	Failed
Cookbook Comments:	Adjust boot time Enable AMSI Found application associated with file extension: .exe Override analysis time to 240s for sample files taking high CPU consumption
Warnings:	Show All Exclude process from analysis (whitelisted): MpCmdRun.exe, audiodg.exe, BackgroundTransferHost.exe, HxTsr.exe, RuntimeBroker.exe, WMIADAP.exe, MusNotifyIcon.exe, backgroundTaskHost.exe, SgrmBroker.exe, conhost.exe, svchost.exe, wuapihost.exe

Simulations

Behavior and APIs

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No simulations	
No simulations	

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

No context

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

No created / dropped files found

Static File Info

General	
File type:	PE32 executable (GUI) Intel 80386, for MS Windows
Entropy (8bit):	5.134415776571089
TrID:	Win32 Executable (generic) a (10002005/4) 99.15% Win32 Executable Microsoft Visual Basic 6 (82127/2) 0.81% Generic Win/DOS Executable (2004/3) 0.02% DOS Executable Generic (2002/1) 0.02% Autodesk FLIC Image File (extensions: flc, fli, cel) (7/3) 0.00%
File name:	URGENT MEDICAL REQUIREMENT.exe
File size:	65536
MD5:	8272ecc1672ecb390cdedb27df85b20d
SHA1:	a77c9fc2b255398f53d28f6e67633c62a0143fa5
SHA256:	1a4407fd45881091495f927612c7be23ab6de71949e4192cdc58154986d2c827
SHA512:	e67cefef757b83d16f598b3780cdb34d604cc0cfb89aaff7 5f01a46d93734fd855d9dbc653dff78f254e87af193491bd 3cd8db62986ec5fef64a70aabf03ee20
SSDEEP:	768:IkQzo6k3c8OPfkCdmhrvbQEGF67WCCfEIQZ:pQz csgCq/QNFUaEIS
File Content Preview:	MZ@!.L.!Th is program cannot be run in DOS mode\$#BBB.L^B`BdBRich.BPELE4.T 0@

File Icon

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Icon Hash: f030f0c6f030b100

Static PE Info

General	
Entrypoint:	0x401200
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	LOCAL_SYMS_STRIPPED, 32BIT_MACHINE, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED, RELOCS_STRIPPED
DLL Characteristics:	
Time Stamp:	0x54C53445 [Sun Jan 25 18:21:57 2015 UTC]
TLS Callbacks:	
CLR (.Net) Version:	
OS Version Major:	4
OS Version Minor:	0
File Version Major:	4
File Version Minor:	0
Subsystem Version Major:	4
Subsystem Version Minor:	0
Import Hash:	e4e19abc2b8b3cdf6beb846e51c393a2

Entrypoint Preview

Entrypolite Freview
Instruction
push 00401E64h
call 00007F9854858B25h
add byte ptr [eax], al
add byte ptr [eax], al
add byte ptr [eax], al
xor byte ptr [eax], al
add byte ptr [eax], al
inc eax
add byte ptr [eax], al
add byte ptr [eax], al
add byte ptr [eax], al
add byte ptr [eax+643D901Fh], dl
clc
dec ebx
inc ebp
mov ch, C9h
mov bl, 38h
рор есх
sub ah, byte ptr [edi+00000000h]
add byte ptr [eax], al
add dword ptr [eax], eax
add byte ptr [eax], al
jnc 00007F9854858BA6h
outsd
jc 00007F9854858B9Bh
push eax
jc 00007F9854858BA1h
push 00000065h
arpl word ptr [ecx+esi+00h], si
je 00007F9854858BABh
insb
and byte ptr [00000020h], bh
add bh, bh
int3
xor dword ptr [eax], eax
add eax, dword ptr [645E3E9Fh]

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Instruction	
test ch, ch	
dec ecx	
test al, 7Eh	
pop edx adc al, BAh	
adc al, BAh	

Data Directories

Name	Virtual Address	Virtual Size	Is in Section
IMAGE_DIRECTORY_ENTRY_EXPORT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_IMPORT	0xd254	0x28	.text
IMAGE_DIRECTORY_ENTRY_RESOURCE	0x10000	0x8c0	.rsrc
IMAGE_DIRECTORY_ENTRY_EXCEPTION	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_SECURITY	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_BASERELOC	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_DEBUG	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_COPYRIGHT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_GLOBALPTR	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_TLS	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_LOAD_CONFIG	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT	0x228	0x20	
IMAGE_DIRECTORY_ENTRY_IAT	0x1000	0xc4	.text
IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_COM_DESCRIPTOR	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_RESERVED	0x0	0x0	

Sections

Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.text	0x1000	0xc5f8	0xd000	False	0.514047475962	data	5.83494280245	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.data	0xe000	0x1158	0x1000	False	0.00634765625	data	0.0	IMAGE_SCN_CNT_INITIALIZED_DA TA, IMAGE_SCN_MEM_WRITE, IMAGE_SCN_MEM_READ
.rsrc	0x10000	0x8c0	0x1000	False	0.137939453125	data	1.31495882197	IMAGE_SCN_CNT_INITIALIZED_DA TA, IMAGE_SCN_MEM_READ

Resources

Name	RVA	Size	Туре	Language	Country
RT_ICON	0x10358	0x568	GLS_BINARY_LSB_FIRST		
RT_GROUP_ICON	0x10344	0x14	data		
RT_VERSION	0x100f0	0x254	data	English	United States

Imports

DLL	Import
MSVBVM60.DLL	vbaCyForInit, _Clcos, _adj_fptan,vbaFreeVar,vbaEnd, _adj_fdiv_m64, _adj_fprem1,vbaStrCat,vbaHresultCheckObj, _adj_fdiv_m32,vbaObjSet, _adj_fdiv_m16i, _adj_fdivr_m16i,vbaVarTstLt, _Clsin,vbaChkstk, EVENT_SINK_AddRef,vbaCyl2,vbaStrCmp,vbaCyl4, _adj_fpatan, EVENT_SINK_Release, _Clsqrt, EVENT_SINK_QueryInterface,vbaExceptHandler, _adj_fprem, _adj_fdivr_m64,vbaFPException,vbaCyForNext, _Cllog,vbaNew2, _adj_fdiv_m32i, _adj_fdivr_m32i, _vbal4Str,vbaFreeStrList, _adj_fdivr_m32, _adj_fdiv_r, _Clatan,vbaStrMove, _allmul, _Cltan, _Clexp,vbaFreeObj,vbaFreeStr

Version Infos

Description	Data
Translation	0x0409 0x04b0
InternalName	Hybridizers5
FileVersion	2.00
CompanyName	Axis Corp
Comments	Axis Corp
ProductName	Project1
ProductVersion	2.00
OriginalFilename	Hybridizers5.exe

Possible Origin

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Language of compilation system	Country where language is spoken	Мар
English	United States	

Network Behavior

No network behavior found

Code Manipulations

Statistics

System Behavior

Analysis Process: URGENT MEDICAL REQUIREMENT.exe PID: 6388 Parent PID: 5652

General

Start time:	21:10:15				
Start date:	13/01/2021				
Path:	C:\Users\user\Desktop\URGENT MEDICAL REQUIREMENT.exe				
Wow64 process (32bit):	true				
Commandline:	'C:\Users\user\Desktop\URGENT MEDICAL REQUIREMENT.exe'				
Imagebase:	0x400000				
File size:	65536 bytes				
MD5 hash:	8272ECC1672ECB390CDEDB27DF85B20D				
Has elevated privileges:	true				
Has administrator privileges:	true				
Programmed in:	Visual Basic				
Reputation:	low				

File Activities

						Source		
File Path	Access	Attributes	Options	Completion	Count	Address	Symbol	

Disassembly

Code Analysis

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