ID: 593268
Sample Name:
DocumentoSENAMHI20222103.exe
Cookbook: default.jbs
Time: 14:31:54
Date: 21/03/2022
Version: 34.0.0 Boulder Opal

Table of Contents

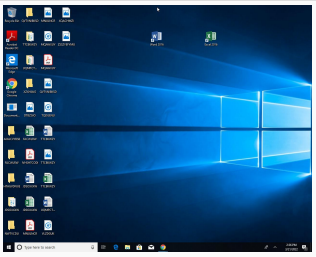
Windows Analysis Report

DocumentoSENAMHI20222103.exe

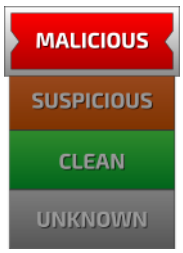
Overview

General Information

Sample Name:	DocumentoSENAMHI20222103.exe
Analysis ID:	593268
MD5:	81ba3d2de48272.
SHA1:	921e7008881d5e.
SHA256:	eef5ae48384a5c..
Tags:	AveMariaRAT exe RAT
Infos:	



Detection

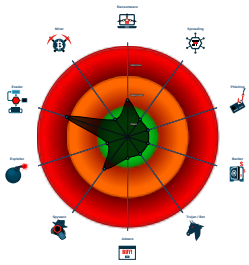


Score:	56
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

- Multi AV Scanner detection for subm…
- Initial sample is a PE file and has a…
- Found potential dummy code loops …
- Creates a DirectInput object (often f…
- Uses 32bit PE files
- Antivirus or Machine Learning detec…
- Sample file is different than original …
- Contains functionality to check if a d…
- Contains functionality to read the PE…
- Uses code obfuscation techniques (…
- Detected potential crypto function
- Contains functionality to create guar…

Classification



Process Tree

- **System is w10x64**
- DocumentoSENAMHI20222103.exe (PID: 1268 cmdline: "C:\Users\user\Desktop\DocumentoSENAMHI20222103.exe" MD5: 81BA3D2DE48272D692C4E6604E6B1DB9)
- **cleanup**

Malware Configuration

No configs have been found

Yara Signatures

No yara matches

Sigma Signatures

No Sigma rule has matched

Joe Sandbox Signatures

AV Detection

Multi AV Scanner detection for submitted file

System Summary

Initial sample is a PE file and has a suspicious name

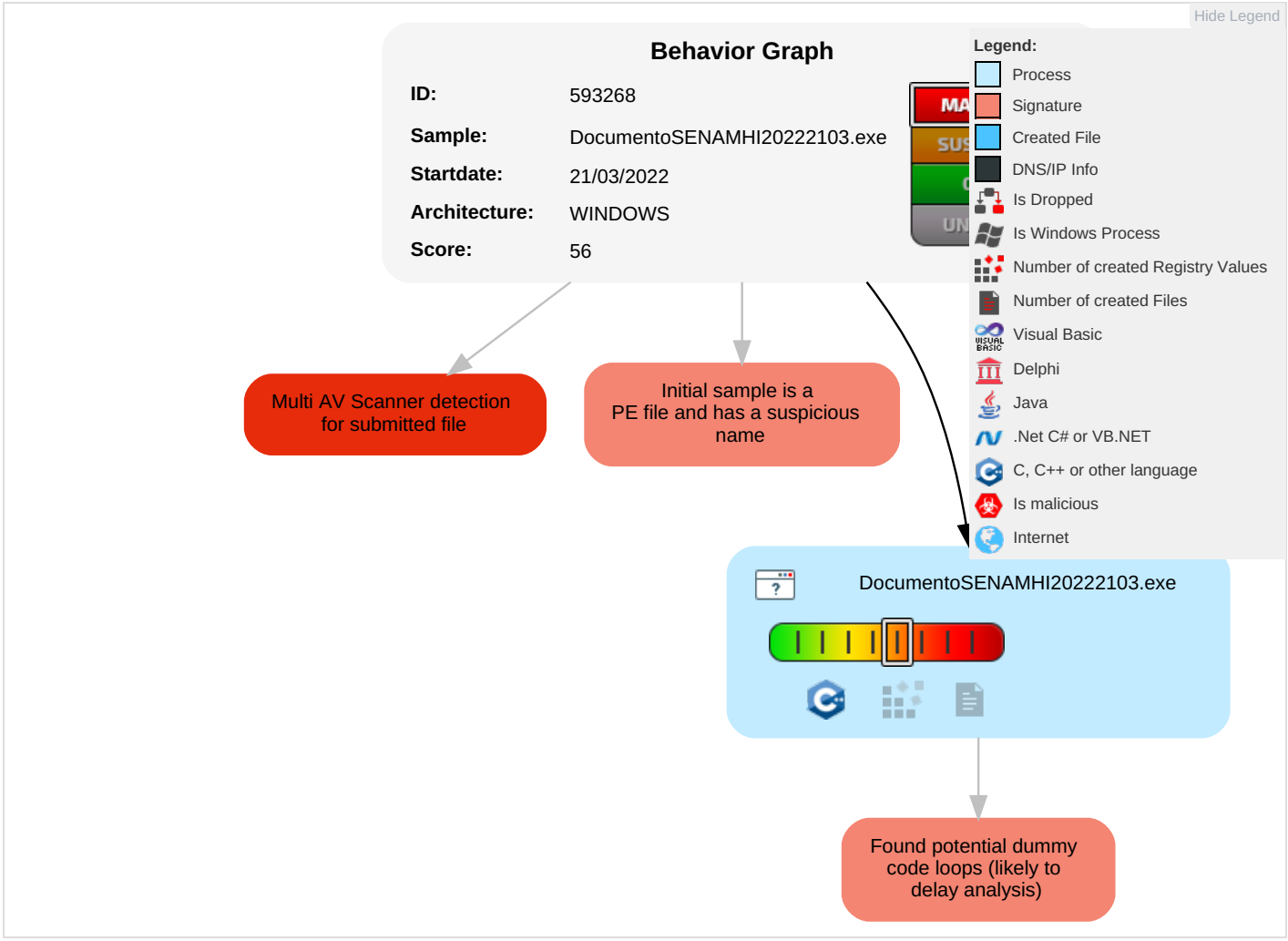
Anti Debugging

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	Remote Service Effects	Impact
Valid Accounts	Windows Management Instrumentation	Path Interception	Path Interception	1 Disable or Modify Tools	1 Input Capture	1 System Time Discovery	Remote Services	1 Input Capture	Exfiltration Over Other Network Medium	1 Encrypted Channel	Eavesdrop on Insecure Network Communication	Remotely Track Device Without Authorization	Modify System Partition
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	1 1 Virtualization/Sandbox Evasion	LSASS Memory	1 2 Security Software Discovery	Remote Desktop Protocol	1 Archive Collected Data	Exfiltration Over Bluetooth	Junk Data	Exploit SS7 to Redirect Phone Calls/SMS	Remotely Wipe Data Without Authorization	Device Lockout
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	1 Software Packing	Security Account Manager	1 1 Virtualization/Sandbox Evasion	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Steganography	Exploit SS7 to Track Device Location	Obtain Device Cloud Backups	Delete Device Data
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	1 Deobfuscate/Decode Files or Information	NTDS	1 File and Directory Discovery	Distributed Component Object Model	Input Capture	Scheduled Transfer	Protocol Impersonation	SIM Card Swap		Carrier Billing Fraud
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	2 Obfuscated Files or Information	LSA Secrets	1 3 System Information Discovery	SSH	Keylogging	Data Transfer Size Limits	Fallback Channels	Manipulate Device Communication		Manipulate App Store Rankings or Ratings

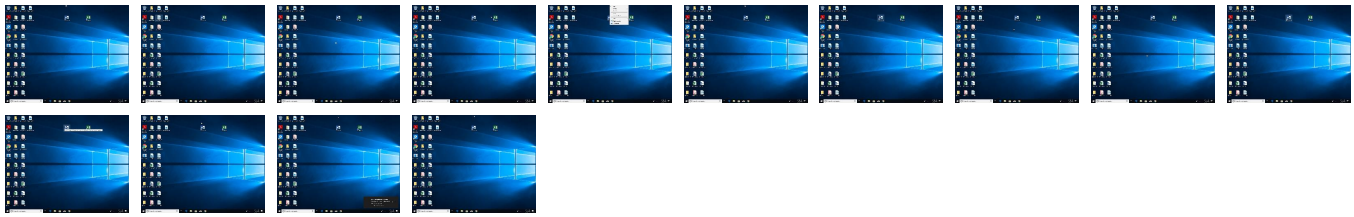
Behavior Graph



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
DocumentoSENAMHI20222103.exe	17%	ReversingLabs	Win32.Trojan.Worefflint	

Dropped Files

No Antivirus matches

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
0.2.DocumentoSENAMHI20222103.exe.150000.0.unpack	100%	Avira	ADWARE/Adware.Gen8		Download File
0.0.DocumentoSENAMHI20222103.exe.150000.0.unpack	100%	Avira	ADWARE/Adware.Gen8		Download File

Domains

No Antivirus matches

URLs

No Antivirus matches

Domains and IPs

Contacted Domains

No contacted domains info

World Map of Contacted IPs

No contacted IP infos

General Information

Joe Sandbox Version:	34.0.0 Boulder Opal
Analysis ID:	593268
Start date and time:	2022-03-21 13:31:54 +01:00
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 7m 41s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	DocumentoSENAMHI20222103.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:	8
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:	mal56.evad.winEXE@1/0@0/0
EGA Information:	• Successful, ratio: 100%
HDC Information:	• Successful, ratio: 100% (good quality ratio 91.6%) • Quality average: 76.6% • Quality standard deviation: 31.6%
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: .exe • Override analysis time to 240s for sample files taking high CPU consumption

Warnings

- Exclude process from analysis (whitelisted): MpCmdRun.exe, BackgroundTransferHost.exe, WMIADAP.exe, backgroundTaskHost.exe, conhost.exe, svchost.exe
- Excluded domains from analysis (whitelisted): client.wns.windows.com, fs.microsoft.com
- Not all processes where analyzed, report is missing behavior information

Simulations

Behavior and APIs

No simulations

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASNs

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):	2.7480998924776148
TrID:	• Win32 Executable (generic) a (10002005/4) 99.96% • 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:	DocumentoSENAMHI20222103.exe
File size:	1320960
MD5:	81ba3d2de48272d692c4e6604e6b1db9
SHA1:	921e7008881d5e0e9a788ee310ddef60b343c647
SHA256:	eef5ae48384a5c5dff5d4c7b1a768c4eb1fe5d3df0347c85c9c1b404327dbba9
SHA512:	f53f5aef705bbce8ba6c8d7013425b274ca74b562a832fa9986a7000d14a8bf163869db503e8d6682c4773dea9ddd67fc8ad1a9a78f7a3e98309c9ba540ec89a
SSDEEP:	6144:aNk8vti3OqUP1bq00RiTwSltgxCKYPMXq9NmiQBYGhpX8x4MWy1FYCz8hJ2n3C+e:Ak8l7D4pa7+ocZ
File Content Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....V\- ..=C..=C..=C..V@..=C..VF..=C.pEG..=C.pE@..=C.pEF.#=C..VE..=C..VG..=C..VB..=C..=B..=C..DJ..=C..D...=C..=...=C..DA..=C.Rich.=C

File Icon

Icon Hash:	00828e8e8686b000

Static PE Info

General

Entrypoint:	0x404718
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	32BIT_MACHINE, EXECUTABLE_IMAGE
DLL Characteristics:	TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT
Time Stamp:	0x6237B381 [Sun Mar 20 23:06:41 2022 UTC]
TLS Callbacks:	
CLR (.Net) Version:	
OS Version Major:	6
OS Version Minor:	0
File Version Major:	6
File Version Minor:	0
Subsystem Version Major:	6
Subsystem Version Minor:	0
Import Hash:	5ed77736e49da7d22b203d8d8f918a6b

Entrypoint Preview

Instruction
call 00007FFA949C4013h
jmp 00007FFA949C397Fh
retn 0000h
int3
int3
int3
int3
int3
int3
int3
int3
int3
int3
int3
int3
push 00405570h
push dword ptr fs:[00000000h]
mov eax, dword ptr [esp+10h]
mov dword ptr [esp+10h], ebp
lea ebp, dword ptr [esp+10h]
sub esp, eax
push ebx
push esi
push edi
mov eax, dword ptr [00419008h]
xor dword ptr [ebp-04h], eax
xor eax, ebp
push eax
mov dword ptr [ebp-18h], esp
push dword ptr [ebp-08h]
mov eax, dword ptr [ebp-04h]
mov dword ptr [ebp-04h], FFFFFFFEh
mov dword ptr [ebp-08h], eax
lea eax, dword ptr [ebp-10h]
mov dword ptr fs:[00000000h], eax
ret
push ebp
mov ebp, esp

Instruction
and dword ptr [00542724h], 00000000h
sub esp, 24h
or dword ptr [00419010h], 01h
push 0000000Ah
call dword ptr [0041122Ch]
test eax, eax
je 00007FFA949C3CB2h
and dword ptr [ebp-10h], 00000000h
xor eax, eax
push ebx
push esi
push edi
xor ecx, ecx
lea edi, dword ptr [ebp-24h]
push ebx
cpuid
mov esi, ebx
pop ebx
nop
mov dword ptr [edi], eax
mov dword ptr [edi+04h], esi
mov dword ptr [edi+08h], ecx
xor ecx, ecx
mov dword ptr [edi+0Ch], edx
mov eax, dword ptr [ebp-24h]
mov edi, dword ptr [ebp-20h]
mov dword ptr [ebp-0Ch], eax
xor edi, 756E6547h
mov eax, dword ptr [ebp-18h]
xor eax, 49656E69h
mov dword ptr [ebp-04h], eax
mov eax, dword ptr [ebp-1Ch]
xor eax, 6C65746Eh
mov dword ptr [ebp-08h], eax

Data Directories

Name	Virtual Address	Virtual Size	Is in Section
IMAGE_DIRECTORY_ENTRY_EXPORT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_IMPORT	0x174a0	0x78	.rdata
IMAGE_DIRECTORY_ENTRY_RESOURCE	0x143000	0xd28	.rsrc
IMAGE_DIRECTORY_ENTRY_EXCEPTION	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_SECURITY	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_BASERELOC	0x144000	0x12dc	.reloc
IMAGE_DIRECTORY_ENTRY_DEBUG	0x16380	0x54	.rdata
IMAGE_DIRECTORY_ENTRY_COPYRIGHT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_GLOBALPTR	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_TLS	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_LOAD_CONFIG	0x162c0	0x40	.rdata
IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT	0x0	0x0	
IMAGE_DIRECTORY_ENTRY_IAT	0x11000	0x278	.rdata
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	0xf9cd	0xfa00	False	0.605875	data	6.61019563742	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ

Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.rdata	0x11000	0x7322	0x7400	False	0.416386045259	data	4.90923942869	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.data	0x19000	0x129e78	0x129400	False	0.133941830057	data	2.29312173446	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_WRITE, IMAGE_SCN_MEM_READ
.rsrc	0x143000	0xd28	0xe00	False	0.339006696429	data	3.85073462575	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0x144000	0x12dc	0x1400	False	0.7365234375	data	6.39751442919	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ

Resources

Name	RVA	Size	Type	Language	Country
REGISTRY	0x1434d0	0xaa	ASCII text	English	United States
TYPELIB	0x1436a0	0x4d0	data	English	United States
RT_DIALOG	0x143580	0x11a	data	English	United States
RT_STRING	0x143b70	0x32	data	English	United States
RT_VERSION	0x1431f0	0x2dc	data	English	United States
RT_MANIFEST	0x143ba8	0x17d	XML 1.0 document text	English	United States

Imports

DLL	Import
KERNEL32.dll	DecodePointer, DeleteCriticalSection, GetTickCount, AcquireSRWLockExclusive, AssignProcessToJobObject, CompareStringW, ConnectNamedPipe, CreateDirectoryW, CreateEventW, CreateFileMappingW, CreateFileW, CreateIoCompletionPort, CreateJobObjectW, CreateMutexW, CreateNamedPipeW, CreateProcessW, CreateRemoteThread, CreateSemaphoreW, DebugBreak, DeleteFileW, DisconnectNamedPipe, DuplicateHandle, EncodePointer, EnterCriticalSection, EnumSystemLocalesEx, EnumSystemLocalesW, ExitProcess, ExpandEnvironmentStringsW, FileTimeToSystemTime, FindClose, FindFirstFileExW, FindNextFileW, FlushFileBuffers, FlushViewOfFile, FormatMessageA, FreeEnvironmentStringsW, FreeLibrary, GetACP, GetCPInfo, GetCommandLineA, GetCommandLineW, GetComputerNameExW, GetConsoleCP, GetConsoleMode, GetCurrentDirectoryW, GetCurrentProcess, GetCurrentProcessId, GetCurrentThread, GetDateFormatW, GetDriveTypeW, GetEnvironmentStringsW, GetExitCodeProcess, GetFileAttributesW, GetFileInformationByHandle, GetFileInformationByHandleEx, GetFileSizeEx, GetFileType, GetFullPathNameW, GetLocalTime, GetLocaleInfoW, GetLongPathNameW, CreateThread, GetModuleHandleA, GetModuleHandleExW, GetModuleHandleW, GetNativeSystemInfo, GetOEMCP, GetProcAddress, GetProcessHandleCount, GetProcessHeaps, GetProcessId, GetProcessTimes, GetQueuedCompletionStatus, GetStartupInfoW, GetStdHandle, GetStringTypeW, GetSystemDefaultLCID, GetSystemDirectoryW, GetSystemInfo, GetSystemTimeAsFileTime, GetTempPathW, GetThreadContext, GetThreadId, GetThreadLocale, GetThreadPriority, GetTimeFormatW, GetTimeZoneInformation, GetUserDefaultLCID, GetUserDefaultLangID, GetUserDefaultLocaleName, GetModuleFileNameA, SizeofResource, VirtualProtect, SetLastError, VirtualAlloc, LoadLibraryExA, LeaveCriticalSection, FindResourceA, Sleep, IsDBCSLeadByte, LoadResource, WideCharToMultiByte, lstrcmpiA, GetConsoleOutputCP, SetFilePointerEx, SetStdHandle, IsValidCodePage, HeapReAlloc, HeapSize, LCMapStringW, WriteFile, VirtualQuery, LoadLibraryExW, TlsFree, TlsSetValue, TlsGetValue, TlsAlloc, InitializeCriticalSectionAndSpinCount, RaiseException, CloseHandle, GetLastError, MultiByteToWideChar, GetCurrentThreadId, InitializeCriticalSectionEx, GetModuleFileNameW, RtlUnwind, QueryPerformanceCounter, TerminateProcess, SetUnhandledExceptionFilter, UnhandledExceptionFilter, IsProcessorFeaturePresent, InitializeSListHead, GetProcessHeap, HeapFree, IsDebuggerPresent, OutputDebugStringW, HeapAlloc, WriteConsoleW
USER32.dll	CharNextA, MessageBoxA
ADVAPI32.dll	RegQueryInfoKeyW, RegDeleteKeyA, RegCreateKeyExA, RegSetValueExA, RegOpenKeyExA, RegDeleteValueA, RegEnumKeyExA, RegCloseKey
ole32.dll	CoCreateInstance, CoTaskMemFree, CoTaskMemRealloc, CoTaskMemAlloc
OLEAUT32.dll	VarUI4FromStr

Version Infos

Description	Data
LegalCopyright	Microsoft Corporation. All rights reserved.
InternalName	MultiRead
FileVersion	1, 0, 0, 1
ProductName	MultiRead Module
ProductVersion	1, 0, 0, 1
FileDescription	MultiRead Module
OriginalFilename	MultiRead.EXE
Translation	0x0409 0x04b0

Possible Origin

Language of compilation system	Country where language is spoken	Map

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

Network Behavior

No network behavior found

Statistics

No statistics

System Behavior

Analysis Process: DocumentoSENAMHI20222103.exe PID: 1268, Parent PID: 3352

General	
Target ID:	0
Start time:	14:33:05
Start date:	21/03/2022
Path:	C:\Users\user\Desktop\DocumentoSENAMHI20222103.exe
Wow64 process (32bit):	true
Commandline:	"C:\Users\user\Desktop\DocumentoSENAMHI20222103.exe"
Imagebase:	0x150000
File size:	1320960 bytes
MD5 hash:	81BA3D2DE48272D692C4E6604E6B1DB9
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	low

Disassembly

No disassembly