

Summary

File Name: 5d48286b2042652e5725fd564488bc5cae06b6832a2feeb54674690041d2708e

File Type: PE32 executable (GUI) Intel 80386, for MS Windows

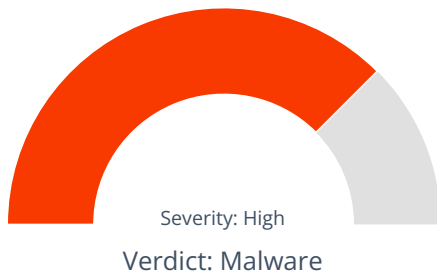
SHA1: 6ce32d2f0bce6f721b7a68e535bb0a08d3792b1d

MD5: 6fd404458b6ff1d55c0f2bdb8c5a48bd

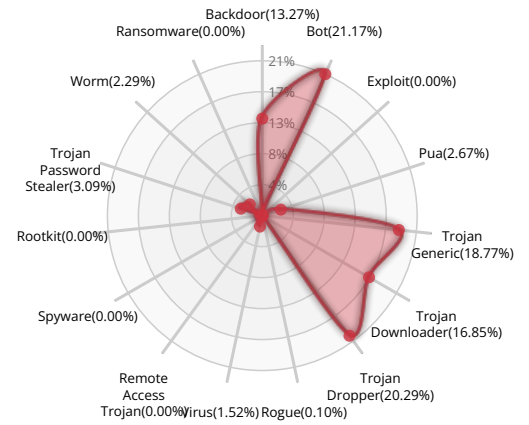

MALWARE

Valkyrie Final Verdict

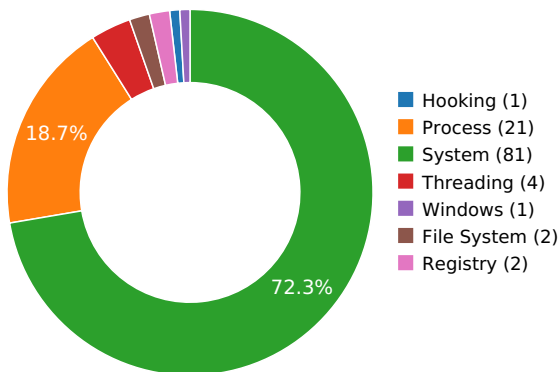
DETECTION SECTION



CLASSIFICATION



HIGH LEVEL BEHAVIOR DISTRIBUTION



ACTIVITY OVERVIEW



Activity Details

MALWARE ANALYSIS SYSTEM EVASION



Detects Sandboxie through the presence of a library

Show sources

HOOKING AND OTHER TECHNIQUES FOR HIDING PROTECTION



Creates RWX memory

Show sources

Executed a process and injected code into it, probably while unpacking

Show sources

HIPS/ PFW/ OPERATING SYSTEM PROTECTION EVASION



Detects Avast Antivirus through the presence of a library

Show sources



Behavior Graph

Behavior Summary

ACCESSED FILES

C:\Users\user\AppData\Local\Temp\apfHQ

C:\Windows\System32\ntdll.dll

RESOLVED APIS

kernel32.dll.FlsAlloc

kernel32.dll.FlsGetValue

kernel32.dll.FlsSetValue

kernel32.dll.FlsFree

kernel32.dll.IsProcessorFeaturePresent

kernel32.dll.GlobalAlloc

kernel32.dll.GetLastError

kernel32.dll.Sleep

kernel32.dll.VirtualAlloc

kernel32.dll.CreateToolhelp32Snapshot

kernel32.dll.Module32First

kernel32.dll.CloseHandle

user32.dll.MessageBoxA

user32.dll.GetMessageExtraInfo

kernel32.dll.WinExec

kernel32.dll.CreateFileA

kernel32.dll.WriteFile

kernel32.dll.CreateProcessA

kernel32.dll.GetThreadContext

kernel32.dll.VirtualAllocEx

kernel32.dll.VirtualFree

kernel32.dll.ReadProcessMemory

kernel32.dll.WriteProcessMemory

kernel32.dll.SetThreadContext

kernel32.dll.ResumeThread

kernel32.dll.WaitForSingleObject

kernel32.dll.GetModuleFileNameA

kernel32.dll.GetCommandLineA

ntdll.dll.NtUnmapViewOfSection

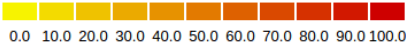
ntdll.dll.NtWriteVirtualMemory
user32.dll.RegisterClassExA
user32.dll.CreateWindowExA
user32.dll.PostMessageA
user32.dll.GetMessageA
user32.dll.DefWindowProcA
kernel32.dll.GetFileAttributesA
kernel32.dll.GetStartupInfoA
kernel32.dll.VirtualProtectEx
kernel32.dll.ExitProcess
uxtheme.dll.ThemeInitApiHook
user32.dll.IsProcessDPIAware
dwmapi.dll.DwmIsCompositionEnabled

REGISTRY KEYS

HKEY_LOCAL_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\GRE_Initialize
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\GRE_Initialize\DisableMetaFiles

Network Behavior

CONTACTED IPS

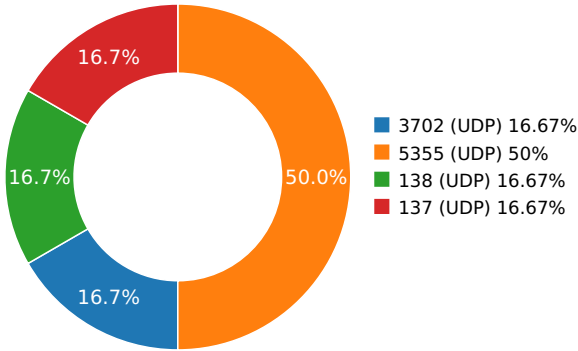


Name	IP	Country	ASN	ASN Name	Trigger Process Type
------	----	---------	-----	----------	----------------------

UDP PACKETS

Call Time During Execution(sec)	Source IP	Dest IP	Dest Port
3.03176999092	Sandbox	224.0.0.252	5355
3.03255796432	Sandbox	224.0.0.252	5355
3.03310918808	Sandbox	239.255.255.250	3702
3.15710902214	Sandbox	192.168.56.255	137
5.61203312874	Sandbox	224.0.0.252	5355
9.20358896255	Sandbox	192.168.56.255	138

NETWORK PORT DISTRIBUTION



DETAILED FILE INFO

CREATED / DROPPED FILES

FILE PATH	TYPE AND HASHES
-----------	-----------------

MATCH YARA RULES

MATCH RULES

STATIC FILE INFO

File Name:	5d48286b2042652e5725fd564488bc5cae06b6832a2feeb54674690041d2708e
File Type:	PE32 executable (GUI) Intel 80386, for MS Windows
SHA1:	6ce32d2f0bce6f721b7a68e535bb0a08d3792b1d
MD5:	6fd404458b6ff1d55c0f2bdb8c5a48bd
First Seen Date:	2022-01-23 20:11:56.639634 (4 years ago)
Number Of Clients Seen:	2
Last Analysis Date:	2022-01-23 20:11:56.639634 (4 years ago)
Human Expert Analysis Result:	No human expert analysis verdict given to this sample yet.

DETAILED FILE INFO

ADDITIONAL FILE INFORMATION

PE Headers

PROPERTY	VALUE
Magic Literal Enum	3
File Type Enum	6
Debug Artifacts	[[{u'Path': u'C:\\tuda.pdb\\x00', u'GUID': u'{c4f88667-2391-4eaa-82b2-da2be754782e}', u'timestamp': u'2022-01-09 15:41:56'}]]
Number Of Sections	4
Trid	[[42.2, u'Win32 Executable MS Visual C++ (generic)'], [37.3, u'Win64 Executable (generic)'], [8.8, u'Win32 Dynamic Link Library (generic)'], [6.0, u'Win32 Executable (generic)'], [2.7, u'Generic Win/DOS Executable']]
Compilation Time Stamp	0x5FEB8458 [Tue Dec 29 19:32:40 2020 UTC]
ProjectVersion	1.10.74.57
InternationalName	bomgveoci.iwa
FileVersion	21.29.11.69
Copyright	Copyrighz (C) 2021, fudkorta
Translations	0x0121 0x03ca
Entry Point	0x40233e (.text)
Machine Type	Intel 386 or later - 32Bit
File Size	255488
Ssdeep	3072:Z3VQLqNI3TbIt5UXL5t0YsLvr2QEMvAsXPM/h3Lfed:Z3eLiljNL5t0HEZuN
Sha256	5d48286b2042652e5725fd564488bc5cae06b6832a2feeb54674690041d2708e
Exifinfo	[[{u'EXE:FileSubtype': 0, u'File:FilePermissions': u'rw-r--r--', u'SourceFile': u'/nfs/fvs/valkyrie_shared/core/valkyrie_files/6/c/e/3/6ce32d2f0bce6f721b7a68e535bb0a08d3792b1d', u'File:MIMEType': u'application/octet-stream', u'File:FileAccessDate': u'2022:01:23 20:11:44+00:00', u'EXE:InitializedDataSize': 221184, u'File:FileModifyDate': u'2022:01:23 20:10:40+00:00', u'EXE:FileVersionNumber': u'12.0.0.0', u'File:FileSize': u'250 kB', u'EXE:MachineType': u'Intel 386 or later, and compatibles', u'EXE:FileOS': u'Unknown (0x60474)', u'EXE:ObjectFileType': u'Static library', u'File:FileType': u'Win32 EXE', u'EXE:UninitializedDataSize': 0, u'File:FileName': u'6ce32d2f0bce6f721b7a68e535bb0a08d3792b1d', u'EXE:ImageVersion': 0.0, u'File:FileTypeExtension': u'.exe', u'EXE:OSVersion': 5.0, u'EXE:PEType': u'PE32', u'EXE:TimeStamp': u'2020:12:29 19:32:40+00:00', u'EXE:FileFlagsMask': u'0x058c', u'EXE:LinkerVersion': 9.0, u'EXE:FileFlags': u'Private build, Info inferred, Special build', u'EXE:Subsystem': u'Windows GUI', u'File:Directory': u'/nfs/fvs/valkyrie_shared/core/valkyrie_files/6/c/e/3', u'EXE:EntryPoint': u'0x233e', u'EXE:SubsystemVersion': 5.0, u'EXE:CodeSize': 57344, u'File:FileInodeChangeDate': u'2022:01:23 20:11:15+00:00', u'ExifTool:ExifToolVersion': 10.1, u'EXE:ProductVersionNumber': u'23.0.0.0'}]]
Mime Type	application/x-dosexec
Imphash	053499f9f514a07786ff9cf8115e6a28

PE Sections

NAME	VIRTUAL ADDRESS	VIRTUAL SIZE	RAW SIZE	ENTROPY	MD5
.text	0x1000	0xde30	0xe000	6.67953816836	ea88fe4cb0acb5eeefde58dd68922d99
.rdata	0xf000	0x3834	0x3a00	3.9441221991	ba4f97324ceefbfec3ca191f2d24fe76
.data	0x13000	0x21f68	0x1d600	3.17798446759	73eaf7df041d29f56fd932bc536e7876
.rsrc	0x35000	0xf1a0	0xf200	6.65435025561	d44261d1a6c4cfe12fa81f9d08d3725f

PE Imports

- KERNEL32.dll
 - GetDateFormatW
 - GetNativeSystemInfo
 - lstrcpynA
 - FindActCtxSectionGuid
 - InterlockedDecrement
 - SetMailslotInfo
 - GetProfileSectionA
 - GetComputerNameW
 - SetEvent
 - GetConsoleAliasesLengthA
 - SetFileTime
 - GlobalAlloc
 - SwitchToFiber
 - Sleep
 - DeleteVolumeMountPointW
 - GetStringTypeExW
 - DnsHostnameToComputerNameW
 - RaiseException
 - LCMapStringA
 - GetProcAddress
 - VirtualAlloc
 - PeekConsoleInputW
 - RemoveDirectoryA
 - SetStdHandle
 - SetFileAttributesA
 - GetAtomNameA
 - LocalAlloc
 - GetModuleFileNameA
 - GetModuleHandleA
 - SetLocaleInfoW
 - GetConsoleTitleW
 - GetCurrentThreadId
 - ReadConsoleInputW
 - GetConsoleProcessList
 - lstrcpw
 - UnhandledExceptionFilter
 - SetUnhandledExceptionFilter
 - GetStartupInfoW
 - HeapAlloc
 - TerminateProcess
 - GetCurrentProcess
 - IsDebuggerPresent
 - EnterCriticalSection
 - LeaveCriticalSection
 - GetModuleHandleW
 - ExitProcess
 - GetLastError
 - WriteFile
 - GetStdHandle
 - SetHandleCount
 - GetFileType
 - GetStartupInfoA
 - DeleteCriticalSection
 - SetFilePointer
 - HeapFree
 - CloseHandle
 - GetModuleFileNameW
 - FreeEnvironmentStringsW
 - GetEnvironmentStringsW
 - GetCommandLineW

- TlsGetValue
- TlsAlloc
- TlsSetValue
- TlsFree
- InterlockedIncrement
- SetLastError
- HeapCreate
- VirtualFree
- QueryPerformanceCounter
- GetTickCount
- GetCurrentProcessId
- GetSystemTimeAsFileTime
- HeapReAlloc
- ReadFile
- GetCPInfo
- GetACP
- GetOEMCP
- IsValidCodePage
- WideCharToMultiByte
- RtlUnwind
- LoadLibraryA
- InitializeCriticalSectionAndSpinCount
- GetConsoleCP
- GetConsoleMode
- FlushFileBuffers
- MultiByteToWideChar
- LCMapStringW
- GetStringTypeA
- GetStringTypeW
- GetLocaleInfoA
- HeapSize
- WriteConsoleA
- GetConsoleOutputCP
- WriteConsoleW
- CreateFileA
- WINHTTP.dll
 - WinHttpOpen

PE Resources

 {u'lang': u'LANG_GREEK', u'name': u'KUNADOREHUMENANAMOVIZO', u'offset': 267584, u'sha256': u'2856182b736f59c8f69da37669b78769a4613822d7d21748cb9fbd0c7bf8dc00', u'type': u'ASCII text, with very long lines, with no line terminators', u'size': 9441}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 218432, u'sha256': u'6638b18bb51737c0ae8427289400e6d524d5af709396dfa7ed166852eb5b7d72', u'type': u'data', u'size': 3752}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 222184, u'sha256': u'07bdfc425bd66a083f0fd357601ffa383b56b11bbbc035a355f5c984a00f62b2', u'type': u'data', u'size': 2216}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 224400, u'sha256': u'b2e2d1089ab1b4627dcd46455c50b36f1052b52c203c305fc7c6475368d0b817', u'type': u'GLS_BINARY_LSB_FIRST', u'size': 1384}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 225784, u'sha256': u'22cebb239c36013bab72fe06e0a1ddd07806180e66c8dd6d805b3458f5414b0f', u'type': u'data', u'size': 9640}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 235424, u'sha256': u'81b2e8bb69550c25b4d9f824827aa212026d3c2e359595156456a6b949aebc34', u'type': u'data', u'size': 4264}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 239688, u'sha256': u'1d3d5bb657f595432dff1ad84b2e1bee5dd83453674a8edeb59c1b1282d3a591', u'type': u'data', u'size': 2440}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 242128, u'sha256': u'2a1b0d224b9a6decff0b836489d986b7b05877679e78dcc65ffd04170a2319bc', u'type': u'GLS_BINARY_LSB_FIRST', u'size': 1128}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 243360, u'sha256': u'26bb9bf4ad4c6ce7ccf39fa8ff901e0ed4b00aae88c3ab19526bf4f3bfea96f2', u'type': u'data', u'size': 3752}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 247112, u'sha256': u'ce6fd7a4281d97e0144fbfd6bae3282e71b27fa3069903281f14fb0f0f9a1125', u'type': u'data', u'size': 2216}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 249328, u'sha256': u'6376c8a2ed20c7fb90d68e99bc6e78516119bfeb87426e7b4f53ff4119536d36', u'type': u'data', u'size': 1736}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 251064, u'sha256': u'08ac6dc367ae6e817d00b911dd51764460ff1e482dd97f9cef8ae6b6a794611c', u'type': u'GLS_BINARY_LSB_FIRST', u'size': 1384}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 252448, u'sha256': u'43da28b40b2b690a59f8b5f0b7de9acd82b13d38b1e4a70939b90b1abdc7706d', u'type': u'data', u'size': 9640}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 262088, u'sha256': u'b70158eaf20c3bb0f4d64a1c7e265a0eadb040bca77a2ad23d1591ae367cdb2', u'type': u'data', u'size': 4264}

 {u'lang': u'LANG_GREEK', u'name': u'RT_ICON', u'offset': 266352, u'sha256': u'e83211b7fc5fae4e6a53a4907a5d76b6025c4a161ac531a81fa058256261c340', u'type': u'GLS_BINARY_LSB_FIRST', u'size': 1128}

 {u'lang': u'LANG_GREEK', u'name': u'RT_STRING', u'offset': 277680, u'sha256': u'1351c6d7f1ccd139d30ba0e2e9083eaeef34e3b3e4bb201d26e3ba4cbf4c6b63', u'type': u'data', u'size': 554}

{u'lang': u'LANG_GREEK', u'name': u'RT_STRING', u'offset': 278240, u'sha256':
u'358139544a5e073c3fca007edad0a2a2d637e747682155cce4bbe74566ad2624', u'type': u'data', u'size': 704}
{u'lang': u'LANG_GREEK', u'name': u'RT_ACCELERATOR', u'offset': 277032, u'sha256':
u'c49f2d4cb53185d33d07cb323ad4874925c9753bba50335cc26edf22a724e1d2', u'type': u'data', u'size': 96}
{u'lang': u'LANG_GREEK', u'name': u'RT_ACCELERATOR', u'offset': 277128, u'sha256':
u'e2159beadc29f552eba7dcbedb153c25e7b22b6ac5e2a26983a6084073f28393', u'type': u'data', u'size': 32}
{u'lang': u'LANG_GREEK', u'name': u'RT_GROUP_ICON', u'offset': 243256, u'sha256':
u'582b16b3a55169ebdd7885cfa96227e80a971f13f6b395fe0469e06e2ce8b800', u'type': u'MS Windows icon resource - 7 icons, 48x48', u'size':
104}
{u'lang': u'LANG_GREEK', u'name': u'RT_GROUP_ICON', u'offset': 267480, u'sha256':
u'ca298653902d652a2541c49f4faea798104b80165022f0a3e0a4b60ee737469e', u'type': u'MS Windows icon resource - 7 icons, 48x48', u'size':
104}
{u'lang': u'LANG_GREEK', u'name': u'RT_VERSION', u'offset': 277176, u'sha256':
u'64d48b7963921f69038faec4ab457f52d806a55970af0136d02d53280da05bcd', u'type': u'data', u'size': 500}
{u'lang': u'LANG_GREEK', u'name': u'241', u'offset': 277160, u'sha256':
u'3a0e57bb42b1b053de642b15c60007f7ac0e1ffc079ff2e9374489ec9bd21789', u'type': u'data', u'size': 10}

CERTIFICATE VALIDATION

- Certificate Validation is not Applicable ?

SCREENSHOTS
