

sockets.pif

Is DLL

Packer

Anti Debug

Anti VM

Signed

XOR

**MalFamily: Malicious**


**MalScore: 100**

<b>File type:</b>	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
<b>File size:</b>	908.00 KB (929792 bytes)
<b>Compile time:</b>	2019-03-10 20:50:10
<b>MD5:</b>	044cbeed4c2a9c26fef4eb7560101cc6
<b>SHA1:</b>	b49128ab1a5c0dd097271ed0530620316c415128
<b>Import hash:</b>	f34d5f2d4577ed6d9ceec516c1f5a744
<b>Submitted:</b>	2019-04-17 15:33:04

### URL(s) file hosting

<https://germanyexploits.com/sockets.pif>

### Antivirus Report

Report date	Detection Ratio	Permalink
2019-04-17 10:47:07	24/69	

### Import library

mscoree.dll

**12**

## Behaviors detected by system signatures

Creates a copy of itself

- copy: C:\Users\Seven01\isocket.pif



Installs itself for autorun at Windows startup

- key: HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Run\isocket
- data: C:\Users\Seven01\isocket.pif

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

- Injection: sockets.pif(2256) -> None(2340)

Attempts to remove evidence of file being downloaded from the Internet

- file: C:\Users\Seven01\isocket.pif:Zone.Identifier

Anomalous .NET characteristics

- anomalous\_version: Assembly version is set to 0

The binary likely contains encrypted or compressed data.

- section: name: .text, entropy: 7.67, characteristics: IMAGE\_SCN\_CNT\_CODE|IMAGE\_SCN\_MEM\_EXECUTE|IMAGE\_SCN\_MEM\_READ, raw\_size: 0x000c9000, virtual\_size: 0x000c8e84

A process created a hidden window

- Process: sockets.pif -> C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe

At least one IP Address, Domain, or File Name was found in a crypto call

- ioc: 0.0.0.0

Dynamic (imported) function loading detected

- DynamicLoader: ADVAPI32.dll/RegOpenKeyExW
- DynamicLoader: ADVAPI32.dll/RegQueryInfoKeyW
- DynamicLoader: ADVAPI32.dll/RegEnumKeyExW
- DynamicLoader: ADVAPI32.dll/RegEnumValueW
- DynamicLoader: ADVAPI32.dll/RegCloseKey
- DynamicLoader: ADVAPI32.dll/RegQueryValueExW
- DynamicLoader: ADVAPI32.dll/RegQueryValueExW
- DynamicLoader: KERNEL32.dll/FIsAlloc
- DynamicLoader: KERNEL32.dll/FIsFree
- DynamicLoader: KERNEL32.dll/FIsGetValue
- DynamicLoader: KERNEL32.dll/FIsSetValue
- DynamicLoader: KERNEL32.dll/InitializeCriticalSectionEx
- DynamicLoader: KERNEL32.dll/CreateEventExW
- DynamicLoader: KERNEL32.dll/CreateSemaphoreExW
- DynamicLoader: KERNEL32.dll/SetThreadStackGuarantee
- DynamicLoader: KERNEL32.dll/CreateThreadpoolTimer
- DynamicLoader: KERNEL32.dll/SetThreadpoolTimer
- DynamicLoader: KERNEL32.dll/WaitForThreadpoolTimerCallbacks
- DynamicLoader: KERNEL32.dll/CloseThreadpoolTimer
- DynamicLoader: KERNEL32.dll/CreateThreadpoolWait
- DynamicLoader: KERNEL32.dll/SetThreadpoolWait
- DynamicLoader: KERNEL32.dll/CloseThreadpoolWait
- DynamicLoader: KERNEL32.dll/FlushProcessWriteBuffers
- DynamicLoader: KERNEL32.dll/FreeLibraryWhenCallbackReturns
- DynamicLoader: KERNEL32.dll/GetCurrentProcessorNumber
- DynamicLoader: KERNEL32.dll/GetLogicalProcessorInformation
- DynamicLoader: KERNEL32.dll/CreateSymbolicLinkW
- DynamicLoader: KERNEL32.dll/SetDefaultDllDirectories
- DynamicLoader: KERNEL32.dll/EnumSystemLocalesEx
- DynamicLoader: KERNEL32.dll/CompareStringEx
- DynamicLoader: KERNEL32.dll/GetDateFormatEx
- DynamicLoader: KERNEL32.dll/GetLocaleInfoEx
- DynamicLoader: KERNEL32.dll/GetTimeFormatEx



- DynamicLoader: KERNEL32.dll/GetUserDefaultLocaleName
- DynamicLoader: KERNEL32.dll/IsValidLocaleName
- DynamicLoader: KERNEL32.dll/LCMapStringEx
- DynamicLoader: KERNEL32.dll/GetCurrentPackageId
- DynamicLoader: KERNEL32.dll/GetTickCount64
- DynamicLoader: KERNEL32.dll/GetFileInformationByHandleExW
- DynamicLoader: KERNEL32.dll/SetFileInformationByHandleW
- DynamicLoader: ADVAPI32.dll/EventRegister
- DynamicLoader: ADVAPI32.dll/EventSetInformation
- DynamicLoader: MSCOREE.DLL/
- DynamicLoader: ADVAPI32.dll/RegOpenKeyExW
- DynamicLoader: ADVAPI32.dll/RegQueryValueExW
- DynamicLoader: ADVAPI32.dll/RegCloseKey
- DynamicLoader: mscoreei.dll/RegisterShimImplCallback
- DynamicLoader: mscoreei.dll/RegisterShimImplCleanupCallback
- DynamicLoader: mscoreei.dll/SetShellShimInstance
- DynamicLoader: mscoreei.dll/OnShimDllMainCalled
- DynamicLoader: mscoreei.dll/\_CorExeMain\_RetAddr
- DynamicLoader: mscoreei.dll/\_CorExeMain
- DynamicLoader: SHLWAPI.dll/UrllsW
- DynamicLoader: VERSION.dll/GetFileVersionInfoSizeW
- DynamicLoader: VERSION.dll/GetFileVersionInfoW
- DynamicLoader: VERSION.dll/VerQueryValueW
- DynamicLoader: KERNEL32.dll/FIsAlloc
- DynamicLoader: KERNEL32.dll/FIsFree
- DynamicLoader: KERNEL32.dll/FIsGetValue
- DynamicLoader: KERNEL32.dll/FIsSetValue
- DynamicLoader: KERNEL32.dll/InitializeCriticalSectionEx
- DynamicLoader: KERNEL32.dll/CreateEventExW
- DynamicLoader: KERNEL32.dll/CreateSemaphoreExW
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- DynamicLoader: KERNEL32.dll/IsValidLocaleName
- DynamicLoader: KERNEL32.dll/LCMapStringEx
- DynamicLoader: KERNEL32.dll/GetCurrentPackageId
- DynamicLoader: KERNEL32.dll/GetTickCount64
- DynamicLoader: KERNEL32.dll/GetFileInformationByHandleExW
- DynamicLoader: KERNEL32.dll/SetFileInformationByHandleW
- DynamicLoader: ADVAPI32.dll/EventSetInformation
- DynamicLoader: clr.dll/SetRuntimeInfo
- DynamicLoader: clr.dll/\_CorExeMain
- DynamicLoader: MSCOREE.DLL/CreateConfigStream
- DynamicLoader: mscoreei.dll/CreateConfigStream\_RetAddr
- DynamicLoader: mscoreei.dll/CreateConfigStream
- DynamicLoader: KERNEL32.dll/GetNumaHighestNodeNumber



- DynamicLoader: KERNEL32.dll/FIsSetValue
- DynamicLoader: KERNEL32.dll/FIsGetValue
- DynamicLoader: KERNEL32.dll/FIsAlloc
- DynamicLoader: KERNEL32.dll/FIsFree
- DynamicLoader: KERNEL32.dll/GetSystemWindowsDirectoryW
- DynamicLoader: ADVAPI32.dll/AllocateAndInitializeSid
- DynamicLoader: ADVAPI32.dll/OpenProcessToken
- DynamicLoader: ADVAPI32.dll/GetTokenInformation
- DynamicLoader: ADVAPI32.dll/InitializeAcl
- DynamicLoader: ADVAPI32.dll/AddAccessAllowedAce
- DynamicLoader: ADVAPI32.dll/FreeSid
- DynamicLoader: ADVAPI32.dll/AllocateAndInitializeSid
- DynamicLoader: ADVAPI32.dll/OpenProcessToken
- DynamicLoader: ADVAPI32.dll/GetTokenInformation
- DynamicLoader: ADVAPI32.dll/InitializeAcl
- DynamicLoader: ADVAPI32.dll/AddAccessAllowedAce
- DynamicLoader: ADVAPI32.dll/FreeSid
- DynamicLoader: KERNEL32.dll/AddSIDToBoundaryDescriptor
- DynamicLoader: KERNEL32.dll/CreateBoundaryDescriptorW
- DynamicLoader: KERNEL32.dll/CreatePrivateNamespaceW
- DynamicLoader: KERNEL32.dll/OpenPrivateNamespaceW
- DynamicLoader: ADVAPI32.dll/AllocateAndInitializeSid
- DynamicLoader: ADVAPI32.dll/OpenProcessToken
- DynamicLoader: ADVAPI32.dll/GetTokenInformation
- DynamicLoader: ADVAPI32.dll/InitializeAcl
- DynamicLoader: ADVAPI32.dll/AddAccessAllowedAce
- DynamicLoader: ADVAPI32.dll/FreeSid
- DynamicLoader: KERNEL32.dll/DeleteBoundaryDescriptor
- DynamicLoader: KERNEL32.dll/WerRegisterRuntimeExceptionModule
- DynamicLoader: KERNEL32.dll/RaiseException
- DynamicLoader: MSCOREE.DLL/
- DynamicLoader: mscoreei.dll/
- DynamicLoader: KERNELBASE.dll/SetSystemFileCacheSize
- DynamicLoader: ntdll.dll/NtSetSystemInformation
- DynamicLoader: KERNELBASE.dll/PrivIsDllSynchronizationHeld
- DynamicLoader: KERNEL32.dll/AddDllDirectory
- DynamicLoader: KERNEL32.dll/SortGetHandle
- DynamicLoader: KERNEL32.dll/SortCloseHandle
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: ole32.dll/CoInitializeEx
- DynamicLoader: CRYPTBASE.dll/SystemFunction036
- DynamicLoader: clrjit.dll/sxsJitStartup
- DynamicLoader: clrjit.dll/getJit
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: KERNEL32.dll/GetLocaleInfoEx
- DynamicLoader: KERNEL32.dll/LocaleNameToLCID
- DynamicLoader: KERNEL32.dll/GetUserDefaultLocaleName
- DynamicLoader: KERNEL32.dll/LCIDToLocaleName
- DynamicLoader: KERNEL32.dll/GetUserPreferredUILanguages
- DynamicLoader: nlssorting.dll/SortGetHandle
- DynamicLoader: nlssorting.dll/SortCloseHandle
- DynamicLoader: ADVAPI32.dll/ConvertSidToStringSidW
- DynamicLoader: shell32.dll/SHGetFolderPathW
- DynamicLoader: KERNEL32.dll/GetFullPathName
- DynamicLoader: KERNEL32.dll/GetFullPathNameW
- DynamicLoader: KERNEL32.dll/SetThreadErrorMode
- DynamicLoader: KERNEL32.dll/GetFileAttributesEx
- DynamicLoader: KERNEL32.dll/GetFileAttributesExW
- DynamicLoader: MSCOREE.DLL/GetProcessExecutableHeap
- DynamicLoader: mscoreei.dll/GetProcessExecutableHeap\_RetAddr
- DynamicLoader: mscoreei.dll/GetProcessExecutableHeap



- DynamicLoader: bcrypt.dll/BCryptGetFipsAlgorithmMode
- DynamicLoader: CRYPTSP.dll/CryptGetDefaultProviderW
- DynamicLoader: CRYPTSP.dll/CryptAcquireContextW
- DynamicLoader: CRYPTSP.dll/CryptCreateHash
- DynamicLoader: KERNEL32.dll/LCMapStringEx
- DynamicLoader: CRYPTSP.dll/CryptHashData
- DynamicLoader: CRYPTSP.dll/CryptGetHashParam
- DynamicLoader: CRYPTSP.dll/CryptDestroyHash
- DynamicLoader: ADVAPI32.dll/RegCloseKey
- DynamicLoader: ADVAPI32.dll/RegOpenKeyEx
- DynamicLoader: ADVAPI32.dll/RegOpenKeyExW
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: shell32.dll/SHGetFolderPath
- DynamicLoader: shell32.dll/SHGetFolderPathW
- DynamicLoader: ole32.dll/CoTaskMemAlloc
- DynamicLoader: ole32.dll/CoTaskMemFree
- DynamicLoader: KERNEL32.dll/CopyFile
- DynamicLoader: KERNEL32.dll/CopyFileW
- DynamicLoader: KERNEL32.dll/DeleteFile
- DynamicLoader: KERNEL32.dll/DeleteFileA
- DynamicLoader: KERNEL32.dll/WideCharToMultiByte
- DynamicLoader: ADVAPI32.dll/RegQueryValueEx
- DynamicLoader: ADVAPI32.dll/RegQueryValueExW
- DynamicLoader: ADVAPI32.dll/RegSetValueEx
- DynamicLoader: ADVAPI32.dll/RegSetValueExW
- DynamicLoader: KERNEL32.dll/GetCurrentProcessId
- DynamicLoader: KERNEL32.dll/GetCurrentProcessIdW
- DynamicLoader: ADVAPI32.dll/LookupPrivilegeValue
- DynamicLoader: ADVAPI32.dll/LookupPrivilegeValueW
- DynamicLoader: KERNEL32.dll/GetCurrentProcess
- DynamicLoader: ADVAPI32.dll/OpenProcessToken
- DynamicLoader: ADVAPI32.dll/OpenProcessTokenW
- DynamicLoader: ADVAPI32.dll/AdjustTokenPrivileges
- DynamicLoader: ADVAPI32.dll/AdjustTokenPrivilegesW
- DynamicLoader: KERNEL32.dll/CloseHandle
- DynamicLoader: KERNEL32.dll/OpenProcess
- DynamicLoader: KERNEL32.dll/OpenProcessW
- DynamicLoader: psapi.dll/EnumProcessModules
- DynamicLoader: psapi.dll/EnumProcessModulesW
- DynamicLoader: psapi.dll/GetModuleInformation
- DynamicLoader: psapi.dll/GetModuleInformationW
- DynamicLoader: psapi.dll/GetModuleBaseName
- DynamicLoader: psapi.dll/GetModuleBaseNameW
- DynamicLoader: psapi.dll/GetModuleFileNameEx
- DynamicLoader: psapi.dll/GetModuleFileNameExW
- DynamicLoader: VERSION.dll/GetFileVersionInfoSize
- DynamicLoader: VERSION.dll/GetFileVersionInfoSizeW
- DynamicLoader: VERSION.dll/GetFileVersionInfo
- DynamicLoader: VERSION.dll/GetFileVersionInfoW
- DynamicLoader: VERSION.dll/VerQueryValue
- DynamicLoader: VERSION.dll/VerQueryValueW
- DynamicLoader: VERSION.dll/VerLanguageName
- DynamicLoader: VERSION.dll/VerLanguageNameW
- DynamicLoader: KERNEL32.dll/VirtualProtect
- DynamicLoader: KERNEL32.dll/LoadLibrary
- DynamicLoader: KERNEL32.dll/LoadLibraryA
- DynamicLoader: KERNEL32.dll/GetProcAddress
- DynamicLoader: clrjit.dll/getJit
- DynamicLoader: KERNEL32.dll/VirtualAlloc
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo





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- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: KERNEL32.dll/LoadLibraryA
- DynamicLoader: KERNEL32.dll/GetProcAddress
- DynamicLoader: KERNEL32.dll/GetModuleHandleA
- DynamicLoader: ntdll.dll/NtQuerySystemInformation
- DynamicLoader: ntdll.dll/NtQuerySystemInformationW
- DynamicLoader: KERNEL32.dll/CreateProcessA
- DynamicLoader: KERNEL32.dll/GetThreadContext
- DynamicLoader: KERNEL32.dll/Wow64GetThreadContext
- DynamicLoader: KERNEL32.dll/SetThreadContext
- DynamicLoader: KERNEL32.dll/Wow64SetThreadContext
- DynamicLoader: KERNEL32.dll/ReadProcessMemory
- DynamicLoader: KERNEL32.dll/WriteProcessMemory
- DynamicLoader: ntdll.dll/NtUnmapViewOfSection
- DynamicLoader: KERNEL32.dll/VirtualAllocEx
- DynamicLoader: KERNEL32.dll/ResumeThread
- DynamicLoader: ole32.dll/CoGetContextToken
- DynamicLoader: ADVAPI32.dll/EventRegister
- DynamicLoader: KERNEL32.dll/CompareStringOrdinal
- DynamicLoader: clr.dll/CreateAssemblyNameObject
- DynamicLoader: clr.dll/CreateAssemblyNameObjectW
- DynamicLoader: ole32.dll/CoGetObjectContext
- DynamicLoader: sechost.dll/LookupAccountNameLocalW
- DynamicLoader: ADVAPI32.dll/LookupAccountSidW
- DynamicLoader: sechost.dll/LookupAccountSidLocalW
- DynamicLoader: CRYPTSP.dll/CryptAcquireContextW
- DynamicLoader: CRYPTSP.dll/CryptGenRandom
- DynamicLoader: ole32.dll/NdrOleInitializeExtension
- DynamicLoader: ole32.dll/CoGetClassObject
- DynamicLoader: ole32.dll/CoGetMarshalSizeMax
- DynamicLoader: ole32.dll/CoMarshalInterface
- DynamicLoader: ole32.dll/CoUnmarshalInterface
- DynamicLoader: ole32.dll/StringFromIID
- DynamicLoader: ole32.dll/CoGetPSClsid
- DynamicLoader: ole32.dll/CoTaskMemAlloc
- DynamicLoader: ole32.dll/CoTaskMemFree
- DynamicLoader: ole32.dll/CoCreateInstance
- DynamicLoader: ole32.dll/CoReleaseMarshalData
- DynamicLoader: ole32.dll/DcomChannelSetHRESULT
- DynamicLoader: RpcRtRemote.dll/I\_RpcExtInitializeExtensionPoint
- DynamicLoader: clr.dll/CreateAssemblyEnum
- DynamicLoader: clr.dll/CreateAssemblyEnumW
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: KERNEL32.dll/ResolveLocaleName
- DynamicLoader: KERNEL32.dll/GetNativeSystemInfo
- DynamicLoader: ADVAPI32.dll/EventUnregister
- DynamicLoader: CRYPTSP.dll/CryptReleaseContext
- DynamicLoader: ole32.dll/CoUninitialize
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: KERNEL32.dll/CreateActCtxW
- DynamicLoader: KERNEL32.dll/AddRefActCtx
- DynamicLoader: KERNEL32.dll/ReleaseActCtx
- DynamicLoader: KERNEL32.dll/ActivateActCtx
- DynamicLoader: KERNEL32.dll/DeactivateActCtx
- DynamicLoader: KERNEL32.dll/GetCurrentActCtx
- DynamicLoader: KERNEL32.dll/QueryActCtxW
- DynamicLoader: CRYPTSP.dll/CryptReleaseContext
- DynamicLoader: ADVAPI32.dll/EventUnregister



Guard pages use detected - possible anti-debugging.

Creates RWX memory

SetUnhandledExceptionFilter detected (possible anti-debug)