VALKYRIE COMODO

Summary

File Name: a2750b84472752278979f1afb8289eeea666f6dc

File Type: PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows

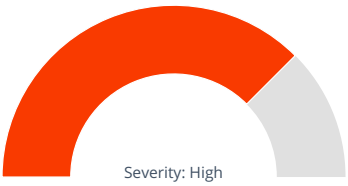
SHA1: a2750b84472752278979f1afb8289eeea666f6dc

MD5: dc691acf4e07db0e93164f6ed258a20d

MALWARE

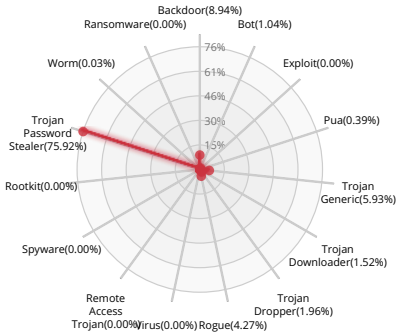
Valkyrie Final Verdict

DETECTION SECTION

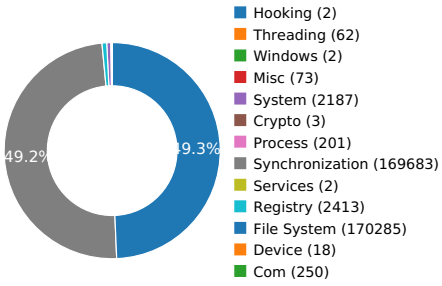


Verdict: Malware

CLASSIFICATION



HIGH LEVEL BEHAVIOR DISTRIBUTION



ACTIVITY OVERVIEW

Activity Details

STEALING OF SENSITIVE INFORMATION

Steals private information from local Internet browsers — Show sources

PERSISTENCE AND INSTALLATION BEHAVIOR

Attempts to interact with an Alternate Data Stream (ADS) — Show sources

MALWARE ANALYSIS SYSTEM EVASION

A process attempted to delay the analysis task. — Show sources

HOOKING AND OTHER TECHNIQUES FOR HIDING PROTECTION

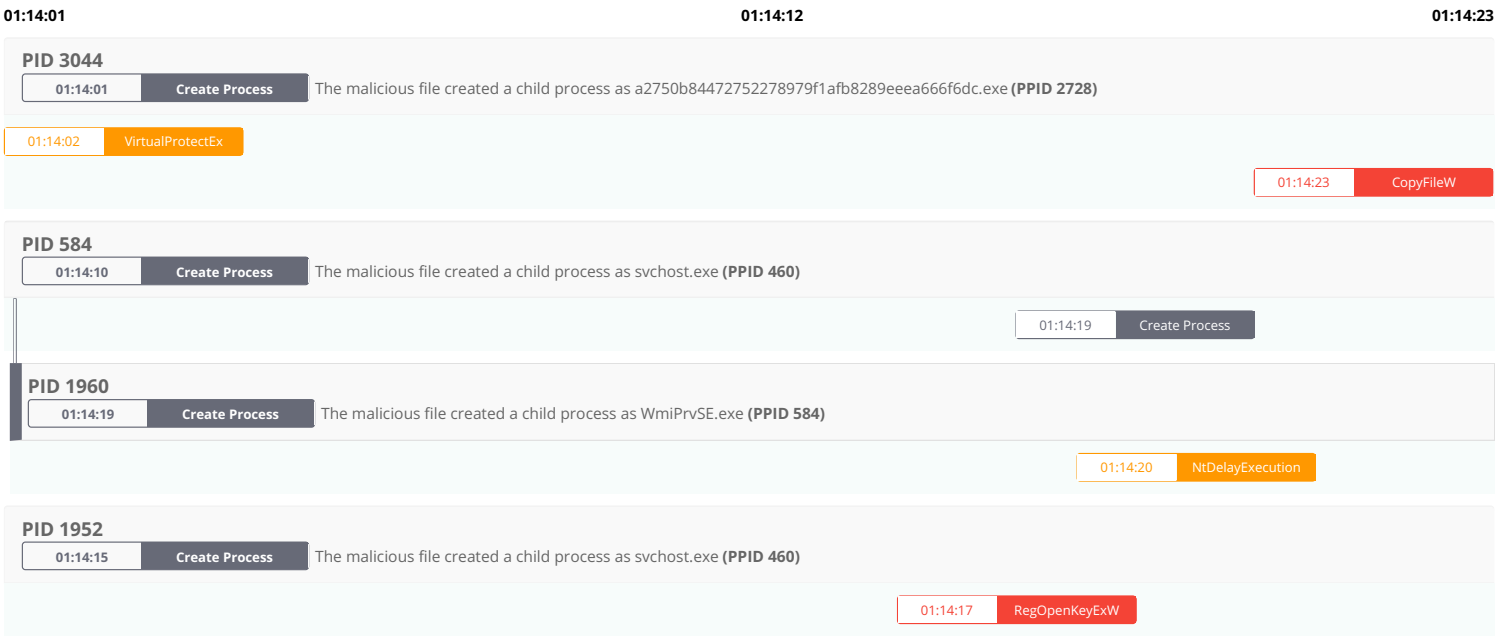
Creates RWX memory — Show sources

LOWERING OF HIPS/ PFW/ OPERATING SYSTEM SECURITY SETTINGS

Attempts to block SafeBoot use by removing registry keys — Show sources

VALKYRIE COMODO

Behavior Graph



Behavior Summary

ACCESSED FILES

C:\Windows\System32\MSCOREE.DLL.local
C:\Windows\Microsoft.NET\Framework\v4.0.30319\mscoreei.dll
C:\Windows\Microsoft.NET\Framework*
C:\Windows\Microsoft.NET\Framework\v1.0.3705\clr.dll
C:\Windows\Microsoft.NET\Framework\v1.0.3705\mscorwks.dll
C:\Windows\Microsoft.NET\Framework\v1.1.4322\clr.dll
C:\Windows\Microsoft.NET\Framework\v1.1.4322\mscorwks.dll
C:\Windows\Microsoft.NET\Framework\v2.0.50727\clr.dll
C:\Windows\Microsoft.NET\Framework\v2.0.50727\mscorwks.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\clr.dll
C:\Users\user\AppData\Local\Temp\a2750b84472752278979f1afb8289eeea666f6dc.exe.config
C:\Users\user\AppData\Local\Temp\a2750b84472752278979f1afb8289eeea666f6dc.exe
C:\Users\user\AppData\Local\Temp\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Windows\System32\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Windows\system\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Windows\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\ProgramData\Oracle\Java\javapath\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Windows\System32\wbem\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Windows\System32\WindowsPowerShell\v1.0\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Program Files\Microsoft Network Monitor 3\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Program Files (x86)\Universal Extractor\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Program Files (x86)\Universal Extractor\bin\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Program Files (x86)\Windows Kits\8.1\Windows Performance Toolkit\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Python27\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Python27\Scripts\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\tools\sysinternals\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\tools\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\tools\IDA_Pro_v6\python\api-ms-win-appmodel-runtime-l1-1-0.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\MSVCR120_CLR0400.dll
C:\Windows\System32\MSVCR120_CLR0400.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\mscoree.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config
C:\Windows\Microsoft.NET\Framework\v4.0.30319\fusion.localgac
C:\Windows\Globalization\Sorting\sortdefault.nls
C:\Windows\Microsoft.Net\assembly\GAC_32\mscorlib\v4.0_4.0.0.0__b77a5c561934e089\mscorlib.dll
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib*
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\225759bb87c854c0fff27b1d84858c21\mscorlib.ni.dll
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\225759bb87c854c0fff27b1d84858c21\mscorlib.ni.dll.aux
C:\Users
C:\Users\user
C:\Users\user\AppData
C:\Users\user\AppData\Local

C:\Users\user\AppData\Local\Temp
C:\Windows\Microsoft.NET\Framework\v4.0.30319\ole32.dll
\Device\KsecDD
C:\Windows\assembly\NativeImages_v4.0.30319_32\NoFile*
C:\Users\user\AppData\Local\Temp\a2750b84472752278979f1afb8289eeea666f6dc.INI
C:\Windows\Microsoft.NET\Framework\v4.0.30319\clrjit.dll
C:\Windows\assembly\pubpol20.dat
C:\Windows\assembly\GAC\PublisherPolicy.tme
C:\Windows\Microsoft.Net\assembly\GAC_32\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll
C:\Windows\Microsoft.Net\assembly\GAC_MSIL\System\v4.0_4.0.0.0__b77a5c561934e089\System.dll
C:\Windows\assembly\NativeImages_v4.0.30319_32\System*
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\52cca48930e580e3189eac47158c20be\System.ni.dll
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\52cca48930e580e3189eac47158c20be\System.ni.dll.aux
C:\Windows\Microsoft.Net\assembly\GAC_MSIL\System.Configuration\v4.0_4.0.0.0__b03f5f7f11d50a3a\System.Configuration.dll
C:\Windows\Microsoft.Net\assembly\GAC_MSIL\System.Xml\v4.0_4.0.0.0__b77a5c561934e089\System.Xml.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\nlssorting.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\SortDefault.nlp
C:\Windows\Microsoft.Net\assembly\GAC_32\System.Management\v4.0_4.0.0.0__b03f5f7f11d50a3a\System.Management.dll
C:\Windows\Microsoft.Net\assembly\GAC_MSIL\System.Management\v4.0_4.0.0.0__b03f5f7f11d50a3a\System.Management.dll
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Management*
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Management\4dfa27fdd6a4cce26f99585e1c744f9b\System.Management.ni.dll
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Management\4dfa27fdd6a4cce26f99585e1c744f9b\System.Management.ni.dll.aux
C:\Windows\Microsoft.Net\assembly\GAC_MSIL\System.Configuration.Install\v4.0_4.0.0.0__b03f5f7f11d50a3a\System.Configuration.Install.dll
C:\Windows\Microsoft.Net\assembly\GAC_MSIL\Microsoft.JScript\v4.0_10.0.0.0__b03f5f7f11d50a3a\Microsoft.JScript.dll
C:\Windows\Microsoft.Net\assembly\GAC_32\mscorlib\v4.0_4.0.0.0__b77a5c561934e089\shell32.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\wminet_utils.dll
C:\Windows\Microsoft.Net\assembly\GAC_32\mscorlib\v4.0_4.0.0.0__b77a5c561934e089\oleaut32.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\OLEAUT32.dll
C:\Users\user\AppData\Local\Temp\20503A4E\\xd0\x94\xd0\xb8\xd1\x80\xd0\xb5\xd0\xba\xd1\x82\xd0\xbe\xd1\x80\xd0\xb8\xd0\xb8
C:\Users\user\AppData\Local\Temp\20503A4E
C:\Users\user\AppData\Local\Temp\20503A4E\\xd0\x94\xd0\xb8\xd1\x80\xd0\xb5\xd0\xba\xd1\x82\xd0\xbe\xd1\x80\xd0\xb8\xd0\xb8\\xd0\x91\xd1\x80\xd0\xb0\xd1\x83\xd0\xb7\xd0\xb5\xd1\x80\xd1\x8b
C:\Users\user\AppData\Local\Temp\20503A4E\\xd0\x94\xd0\xb8\xd1\x80\xd0\xb5\xd0\xba\xd1\x82\xd0\xbe\xd1\x80\xd0\xb8\xd0\xb8\\xd0\xa4\xd0\xb0\xd0\xb9\xd0\xbb\xd1\x8b
C:\Users\user\AppData\Local\Temp\20503A4E\\xd0\x94\xd0\xb8\xd1\x80\xd0\xb5\xd0\xba\xd1\x82\xd0\xbe\xd1\x80\xd0\xb8\xd0\xb8\\xd0\x9a\xd0\xbe\xd1\x88\xd0\xb5\xd0\xbb\xd1\x8c\xd0\xba\xd0\xb8
C:\Users\user\AppData\Local\Google\Chrome\User Data\Default\Login Data

READ REGISTRY KEYS

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\InstallRoot
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\CLRLoadLogDir
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\UseLegacyV2RuntimeActivationPolicyDefaultValue
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\OnlyUseLatestCLR
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Fusion\NoClientChecks
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\NET Framework Setup\NDP\v4\Full\Release
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\DisableConfigCache
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\CacheLocation

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\DownloadCacheQuotaInKB
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\EnableLog
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\LoggingLevel
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\ForceLog
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\LogFailures
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\LogResourceBinds
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\FileInUseRetryAttempts
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\FileInUseMillisecondsBetweenRetries
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\UseLegacyIdentityFormat
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\DisableMSIPeek
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\DevOverrideEnable
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\NGen\Policy\v4.0\OptimizeUsedBinaries
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\CustomLocale\en-US
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\ExtendedLocale\en-US
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\AltJit
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\Latest
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\index20
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\LegacyPolicyTimeStamp
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\Locale\00000409
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\Language Groups\1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\OLE\AppCompat\RaiseDefaultAuthnLevel
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\OLE\DefaultAccessPermission
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\Interface\{00000134-0000-0000-C000-000000000046}\ProxyStubClsid32\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Rpc\Extensions\NdrOleExtDLL
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Rpc\Extensions\RemoteRpcDll
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SQMClient\Windows\DisabledProcesses\7F0037B8
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SQMClient\Windows\DisabledSessions\MachineThrottling
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SQMClient\Windows\DisabledSessions\GlobalSession
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\CLSID\{CF4CC405-E2C5-4DDD-B3CE-5E7582D8C9FA}\InprocServer32\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\CLSID\{4590F811-1D3A-11D0-891F-00AA004B2E24}\InprocServer32\(Default)
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\services\Tcpip\Parameters\Hostname
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\services\Tcpip\Parameters\Domain
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\Interface\{D4781CD6-E5D3-44DF-AD94-930EFE48A887}\ProxyStubClsid32\(Default)
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\CustomLocale\en
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\ExtendedLocale\en
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\Interface\{9556DC99-828C-11CF-A37E-00AA003240C7}\ProxyStubClsid32\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\CLSID\{D68AF00A-29CB-43FA-8504-CE99A996D9EA}\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\CLSID\{D68AF00A-29CB-43FA-8504-CE99A996D9EA}\InprocServer32\InprocServer32
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\CLSID\{D68AF00A-29CB-43FA-8504-CE99A996D9EA}\InprocServer32\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\CLSID\{D68AF00A-29CB-43FA-8504-CE99A996D9EA}\InprocServer32\ThreadingModel
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\COM3\FinalizerActivityBypass
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\WBEM\CIMOM\EnableObjectValidation
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Cryptography\Defaults\Provider Types\Type 024\Name
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\SessionEnabled

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\Level
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\AreaFlags
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\Session
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\LogFile
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\BufferSize
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\MinimumBuffers
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\MaximumBuffers
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\MaximumFileSize
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\LogFileMode
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\FlushTimer
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Tracing\WMI\AgeLimit
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\Windows Error Reporting\WMR\Disable
HKEY_LOCAL_MACHINE\SYSTEM\Setup\SystemSetupInProgress
HKEY_LOCAL_MACHINE\SYSTEM\Setup\UpgradeInProgress
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\services\VSS\Settings\ActiveWriterStateTimeout
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\services\VSS\Diag\(Default)
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\services\VSS\Settings\TornComponentsMax
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Interface\{00000100-0000-0000-C000-000000000046}\ProxyStubClsid32\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Interface\{609B9555-4FB6-11D1-9971-00C04FBBB345}\ProxyStubClsid32\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Interface\{609B9557-4FB6-11D1-9971-00C04FBBB345}\ProxyStubClsid32\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Interface\{F309AD18-D86A-11D0-A075-00C04FB68820}\ProxyStubClsid32\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7C857801-7381-11CF-884D-00AA004B2E24}\(Default)
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7C857801-7381-11CF-884D-00AA004B2E24}\InProcServer32\InprocServer32
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7C857801-7381-11CF-884D-00AA004B2E24}\InProcServer32\(Default)

MODIFIED FILES

C:\Users\user\AppData\Local\Temp\fxnr4eweu5u.fv
\??\PIPE\samr
C:\Windows\sysnative\wbem\repository\WRITABLE.TST
C:\Windows\sysnative\wbem\repository\MAPPING1.MAP
C:\Windows\sysnative\wbem\repository\MAPPING2.MAP
C:\Windows\sysnative\wbem\repository\MAPPING3.MAP
C:\Windows\sysnative\wbem\repository\OBJECTS.DATA
C:\Windows\sysnative\wbem\repository\INDEX.BTR
\??\pipe\PIPE_EVENTROOT\CIMV2WMI SELF-INSTRUMENTATION EVENT PROVIDER
\??\pipe\PIPE_EVENTROOT\CIMV2PROVIDERSUBSYSTEM
C:\$Extend\$Quota:$Q:$INDEX_ALLOCATION

RESOLVED APIS

advapi32.dll.RegOpenKeyExW
advapi32.dll.RegQueryInfoKeyW
advapi32.dll.RegEnumKeyExW
advapi32.dll.RegEnumValueW
advapi32.dll.RegCloseKey
advapi32.dll.RegQueryValueExW

kernel32.dll.FlsAlloc
kernel32.dll.FlsFree
kernel32.dll.FlsGetValue
kernel32.dll.FlsSetValue
kernel32.dll.InitializeCriticalSectionEx
kernel32.dll.CreateEventExW
kernel32.dll.CreateSemaphoreExW
kernel32.dll.SetThreadStackGuarantee
kernel32.dll.CreateThreadpoolTimer
kernel32.dll.SetThreadpoolTimer
kernel32.dll.WaitForThreadpoolTimerCallbacks
kernel32.dll.CloseThreadpoolTimer
kernel32.dll.CreateThreadpoolWait
kernel32.dll.SetThreadpoolWait
kernel32.dll.CloseThreadpoolWait
kernel32.dll.FlushProcessWriteBuffers
kernel32.dll.FreeLibraryWhenCallbackReturns
kernel32.dll.GetCurrentProcessorNumber
kernel32.dll.GetLogicalProcessorInformation
kernel32.dll.CreateSymbolicLinkW
kernel32.dll.EnumSystemLocalesEx
kernel32.dll.CompareStringEx
kernel32.dll.GetDateFormatEx
kernel32.dll.GetLocaleInfoEx
kernel32.dll.GetTimeFormatEx
kernel32.dll.GetUserDefaultLocaleName
kernel32.dll.IsValidLocaleName
kernel32.dll.LCMapStringEx
kernel32.dll.GetTickCount64
advapi32.dll.EventRegister
mscoree.dll.#142
mscoreei.dll.RegisterShimImplCallback
mscoreei.dll.OnShimDllMainCalled
mscoreei.dll._CorExeMain
shlwapi.dll.UrlIsW
version.dll.GetFileVersionInfoSizeW
version.dll.GetFileVersionInfoW
version.dll.VerQueryValueW
clr.dll.SetRuntimeInfo
clr.dll._CorExeMain
mscoree.dll.CreateConfigStream
mscoreei.dll.CreateConfigStream
kernel32.dll.GetNumaHighestNodeNumber
kernel32.dll.GetSystemWindowsDirectoryW

advapi32.dll.AllocateAndInitializeSid
advapi32.dll.OpenProcessToken
advapi32.dll.GetTokenInformation
advapi32.dll.InitializeAcl
advapi32.dll.AddAccessAllowedAce
advapi32.dll.FreeSid
kernel32.dll.AddSIDToBoundaryDescriptor
kernel32.dll.CreateBoundaryDescriptorW
kernel32.dll.CreatePrivateNamespaceW
kernel32.dll.OpenPrivateNamespaceW
kernel32.dll.DeleteBoundaryDescriptor
kernel32.dll.WerRegisterRuntimeExceptionModule
kernel32.dll.RaiseException
mscoree.dll.#24
mscoreei.dll.#24
ntdll.dll.NtSetSystemInformation
kernel32.dll.SortGetHandle
kernel32.dll.SortCloseHandle
kernel32.dll.GetNativeSystemInfo
ole32.dll.CoInitializeEx
cryptbase.dll.SystemFunction036
uxtheme.dll.ThemeInitApiHook
user32.dll.IsProcessDPIAware
ole32.dll.CoGetContextToken
clrjit.dll.sxsJitStartup
clrjit.dll.getJit

REGISTRY KEYS

HKEY_LOCAL_MACHINE\Software\Microsoft\.NETFramework\Policy\
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\Policy\v4.0
HKEY_LOCAL_MACHINE\Software\Microsoft\.NETFramework
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\InstallRoot
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\CLRLoadLogDir
HKEY_CURRENT_USER\Software\Microsoft\.NETFramework
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\UseLegacyV2RuntimeActivationPolicyDefaultValue
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\OnlyUseLatestCLR
Policy\Standards
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\Policy\Standards
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\Policy\Standards\v4.0.30319
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Fusion\NoClientChecks
HKEY_LOCAL_MACHINE\Software\Microsoft\.NETFramework\v4.0.30319\SKUs\
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\v4.0.30319\SKUs\default
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NET Framework Setup\NDP\v4\Full

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\NET Framework Setup\NDP\v4\Full\Release
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\DisableConfigCache
HKEY_LOCAL_MACHINE\Software\Microsoft\Fusion
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\a2750b84472752278979f1afb8289eeea666f6dc.exe
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\CacheLocation
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\DownloadCacheQuotaInKB
HKEY_CURRENT_USER\Software\Microsoft\Fusion
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\EnableLog
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\LoggingLevel
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\ForceLog
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\LogFailures
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\LogResourceBinds
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\FileInUseRetryAttempts
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\FileInUseMillisecondsBetweenRetries
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\UseLegacyIdentityFormat
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\DisableMSIPeek
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\Image File Execution Options
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\DevOverrideEnable
HKEY_LOCAL_MACHINE\Software\Microsoft\.NETFramework\NGen\Policy\v4.0
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\NGen\Policy\v4.0\OptimizeUsedBinaries
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\.NETFramework\Policy\Servicing
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\CustomLocale
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\CustomLocale\en-US
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\ExtendedLocale
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\ExtendedLocale\en-US
HKEY_LOCAL_MACHINE\Software\Microsoft\StrongName
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\OLEAUT
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\AltJit
HKEY_LOCAL_MACHINE\Software\Microsoft\Fusion\PublisherPolicy\Default
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\Latest
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\index20
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\LegacyPolicyTimeStamp
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\v4.0_policy.4.0.System__b77a5c561934e089
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\policy.4.0.System__b77a5c561934e089
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\v4.0_policy.4.0.System.Configuration__b03f5f7f11d50a3a
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\policy.4.0.System.Configuration__b03f5f7f11d50a3a
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\v4.0_policy.4.0.System.Xml__b77a5c561934e089
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\policy.4.0.System.Xml__b77a5c561934e089
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\.NETFramework\Policy\APTCA
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\Locale
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\Locale\Alternate Sorts
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\Language Groups
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\Locale\00000409
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\Language Groups\1

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\v4.0_policy.4.0.System.Management__b03f5f7f11d50a3a
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\policy.4.0.System.Management__b03f5f7f11d50a3a
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\v4.0_policy.4.0.System.Configuration.Install__b03f5f7f11d50a3a
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\policy.4.0.System.Configuration.Install__b03f5f7f11d50a3a
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\v4.0_policy.10.0.Microsoft.JScript__b03f5f7f11d50a3a
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Fusion\PublisherPolicy\Default\policy.10.0.Microsoft.JScript__b03f5f7f11d50a3a
HKEY_CURRENT_USER\Software\Classes
HKEY_CURRENT_USER\Software\Classes\AppID\a2750b84472752278979f1afb8289eeea666f6dc.exe
HKEY_LOCAL_MACHINE\Software\Microsoft\OLE\AppCompat
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\OLE\AppCompat\RaiseDefaultAuthnLevel
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\OLE
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\OLE\DefaultAccessPermission
HKEY_CURRENT_USER\Software\Classes\Interface\{00000134-0000-0000-C000-000000000046}
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\Interface\{00000134-0000-0000-C000-000000000046}\ProxyStubClsid32
HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Wow6432Node\Interface\{00000134-0000-0000-C000-000000000046}\ProxyStubClsid32\(Default)
HKEY_LOCAL_MACHINE\Software\Microsoft\Rpc\Extensions

READ FILES

C:\Windows\Microsoft.NET\Framework\v4.0.30319\mscoreei.dll
C:\Users\user\AppData\Local\Temp\a2750b84472752278979f1afb8289eeea666f6dc.exe.config
C:\Users\user\AppData\Local\Temp\a2750b84472752278979f1afb8289eeea666f6dc.exe
C:\Windows\Microsoft.NET\Framework\v4.0.30319\clr.dll
C:\Windows\System32\MSVCR120_CLR0400.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config
C:\Windows\Globalization\Sorting\sortdefault.nls
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\225759bb87c854c0fff27b1d84858c21\mscorlib.ni.dll.aux
C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\225759bb87c854c0fff27b1d84858c21\mscorlib.ni.dll
\Device\KsecDD
C:\Windows\Microsoft.NET\Framework\v4.0.30319\clrjit.dll
C:\Windows\assembly\pubpol20.dat
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\52cca48930e580e3189eac47158c20be\System.ni.dll.aux
C:\Windows\assembly\NativeImages_v4.0.30319_32\System\52cca48930e580e3189eac47158c20be\System.ni.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\nlssorting.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\SortDefault.nlp
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Management\4dfa27fdd6a4cce26f99585e1c744f9b\System.Management.ni.dll.aux
C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Management\4dfa27fdd6a4cce26f99585e1c744f9b\System.Management.ni.dll
C:\Windows\Microsoft.NET\Framework\v4.0.30319\wminet_utils.dll
C:\Users\user\AppData\Local\Google\Chrome\User Data\Default\Login Data
C:\Users\user\AppData\Local\Temp\fxnr4eweu5u.fv
\??\PIPE\samr
C:\Windows\sysnative\wbem\repository\MAPPING1.MAP
C:\Windows\sysnative\wbem\repository\MAPPING2.MAP
C:\Windows\sysnative\wbem\repository\MAPPING3.MAP
C:\Windows\sysnative\wbem\repository\OBJECTS.DATA

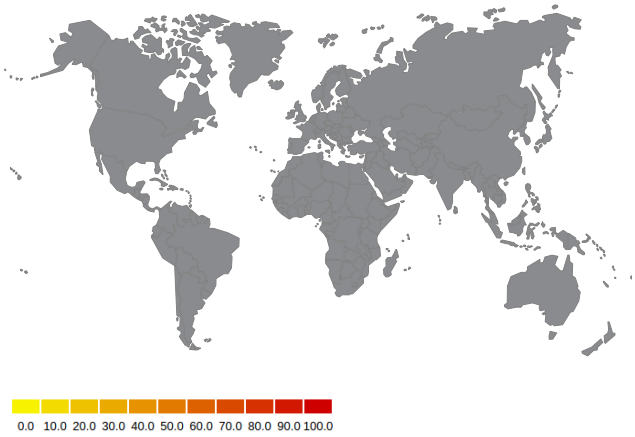
C:\Windows\sysnative\wbem\repository\INDEX.BTR
\??\pipe\PIPE_EVENTROOT\CIMV2WMI SELF-INSTRUMENTATION EVENT PROVIDER
\??\pipe\PIPE_EVENTROOT\CIMV2PROVIDERSUBSYSTEM
C:\$Extend\$Quota:$Q:$INDEX_ALLOCATION

MODIFIED REGISTRY KEYS

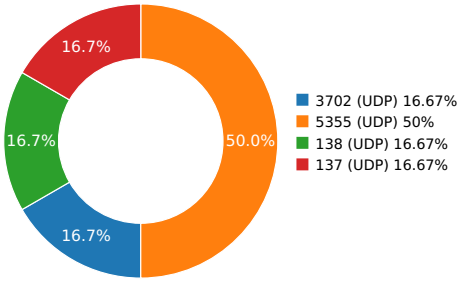
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\CIMOM\LastServiceStart
HKEY_LOCAL_MACHINE\Software\Microsoft\Wbem\Transports\Decoupled\Server
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Transports\Decoupled\Server\CreationTime
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Transports\Decoupled\Server\MarshaledProxy
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\Transports\Decoupled\Server\ProcessIdentifier
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\CIMOM\ConfigValueEssNeedsLoading
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\CIMOM\List of event-active namespaces
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\ESS\//./root/CIMV2\SCM Event Provider

Network Behavior

CONTACTED IPS



NETWORK PORT DISTRIBUTION



Name	IP	Country	ASN	ASN Name	Trigger Process Type

UDP PACKETS

Call Time During Execution(sec)	Source IP	Dest IP	Dest Port
3.07527899742	Sandbox	224.0.0.252	5355
3.07591080666	Sandbox	224.0.0.252	5355
3.07958388329	Sandbox	192.168.56.255	137
3.11950588226	Sandbox	239.255.255.250	3702
5.62643384933	Sandbox	224.0.0.252	5355
9.09421992302	Sandbox	192.168.56.255	138

DETAILED FILE INFO

CREATED / DROPPED FILES

FILE PATH	TYPE AND HASHES
C:\Users\User\AppData\Local\Temp\Fxnr4eweu5u.Fv	**Type :** SQLite 3.x database **MD5 :** adf1452686215b01ffe6ea5c47a924d8 **SHA-1 :** 855a0209604cebc85ef0226bd4836fee0f96bf1e **SHA-256 :** 3a444b4258c8493e6e9bb4f17bfd17c8caad48a4fad6e9fb73d22efd **SHA-512 :** 82fb2b61e64553c58ad608c596e13b7f5c4b3da1d6d5d39e9885282 **Size :** 18.432 Kilobytes.

MATCH YARA RULES

MATCH RULES

STATIC FILE INFO

File Name:	a2750b84472752278979f1afb8289eeea666f6dc
File Type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
SHA1:	a2750b84472752278979f1afb8289eeea666f6dc
MD5:	dc691acf4e07db0e93164f6ed258a20d
First Seen Date:	2018-06-11 19:30:18.564048 (6 months ago)
Number Of Clients Seen:	2
Last Analysis Date:	2018-06-12 11:37:02.795858 (6 months 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'NoFile.pdb\x00', u'GUID': u'{901e9879-7b49-423f-a83c-79a8996dff09}', u'timestamp': u'1970-01-01 00:00:00'}]
Number Of Sections	4
Trid	[[81.0, u'Generic CIL Executable (.NET, Mono, etc.)'], [7.2, u'Win32 Dynamic Link Library (generic)'], [4.9, u'Win32 Executable (generic)'], [2.2, u'Win16/32 Executable Delphi generic'], [2.2, u'Generic Win/DOS Executable']]
Compilation Time Stamp	0x5B1CF150 [Sun Jun 10 09:37:20 2018 UTC]
Translation	0x0000 0x04b0
LegalCopyright	
Assembly Version	0.0.0.0
InternalName	NoFile.exe
FileVersion	0.0.0.0
ProductVersion	0.0.0.0
FileDescription	
OriginalFilename	NoFile.exe
Entry Point	0x419dee (.text)
Machine Type	Intel 386 or later - 32Bit
File Size	168960
Ssdeep	3072:usDbDXXDEjiPBpNsAkvNFoSvtZA1R9+BqUBtktkK24F4RGuJq:ZDnDEjGkFJlqR9uqm
Sha256	e4ec52ab0ed9d2504dbb2d4b109b954bffd2dd587afe5285acef93d88b7d0bfb
Exifinfo	[{u'EXE:FileSubtype': 0, u'File:FilePermissions': u'rw-r--r--', u'SourceFile': u'/nfs/fvs/valkyrie_shared/core/valkyrie_files/a/2/7/5/a2750b84472752278979f1afb8289eeea666f6dc', u'EXE:OriginalFileName': u'NoFile.exe', u'EXE:InternalName': u'NoFile.exe', u'File:MIMEType': u'application/octet-stream', u'File:FileAccessDate': u'2018:06:11 19:29:59+00:00', u'EXE:InitializedDataSize': 70144, u'File:FileModifyDate': u'2018:06:11 19:29:59+00:00', u'EXE:AssemblyVersion': u'0.0.0.0', u'EXE:FileVersionNumber': u'0.0.0.0', u'EXE:FileVersion': u'0.0.0.0', u'File:FileSize': u'165 kB', u'EXE:CharacterSet': u'Unicode', u'EXE:MachineType': u'Intel 386 or later, and compatibles', u'EXE:FileOS': u'Win32', u'EXE:ProductVersion': u'0.0.0.0', u'EXE:ObjectFileType': u'Executable application', u'File:FileType': u'Win32 EXE', u'EXE:UninitializedDataSize': 0, u'File:FileName': u'a2750b84472752278979f1afb8289eeea666f6dc', u'EXE:ImageVersion': 0.0, u'File:FileTypeExtension': u'exe', u'EXE:OSVersion': 4.0, u'EXE:PEType': u'PE32', u'EXE:TimeStamp': u'2018:06:10 09:37:20+00:00', u'EXE:FileFlagsMask': u'0x003f', u'EXE:LegalCopyright': u' ', u'EXE:LinkerVersion': 6.0, u'EXE:FileFlags': u'(none)', u'EXE:Subsystem': u'Windows GUI', u'File:Directory': u'/nfs/fvs/valkyrie_shared/core/valkyrie_files/a/2/7/5', u'EXE:FileDescription': u' ', u'EXE:EntryPoint': u'0x19dee', u'EXE:SubsystemVersion': 4.0, u'EXE:CodeSize': 97792, u'File:FileInodeChangeDate': u'2018:06:11 19:29:59+00:00', u'EXE:LanguageCode': u'Neutral', u'ExifTool:ExifToolVersion': 10.1, u'EXE:ProductVersionNumber': u'0.0.0.0'}]
Mime Type	application/x-dosexec
Imphash	f34d5f2d4577ed6d9ceec516c1f5a744

PE Sections

NAME	VIRTUAL ADDRESS	VIRTUAL SIZE	RAW SIZE	ENTROPY	MD5
.text	0x2000	0x17df4	0x17e00	6.1656558745	2e72b0fbbddf602f9650406fd7803c40
.sdata	0x1a000	0x1f2	0x200	6.68527675229	b93ce18fdba640ad5268d05b0f0162a2
.rsrc	0x1c000	0x10db0	0x10e00	3.1678021716	1732585b5c658228e66a5dda2f3a3296
.reloc	0x2e000	0xc	0x200	0.101910425663	a1f9b23d38c67402139b3008eae1070d

PE Imports

- mscoree.dll
  - _CorExeMain

PE Resources

{u'lang': u'LANG_NEUTRAL', u'name': u'RT_ICON', u'offset': 115012, u'sha256': u'25ced80ae468360c3ba3779171e382f6400420e95c5831c57535ca21b59682a1', u'type': u'dBase IV DBT, blocks

size 0, block length 2048, next free block index 40, next free block 0, next used block 0', u'size': 67624}

{u'lang': u'LANG_NEUTRAL', u'name': u'RT_GROUP_ICON', u'offset': 182636, u'sha256': u'b2ba21465dfecc0687accab8a25dc9c8c490a88913409c2da863f6616ad234f8', u'type': u'MS Windows icon resource - 1 icon, 128x128', u'size': 20}

{u'lang': u'LANG_NEUTRAL', u'name': u'RT_VERSION', u'offset': 182656, u'sha256': u'1214eb215ef881c1bccd12e021623d685f82fef1c71680276dda8125e3532fe5', u'type': u'data', u'size': 580}

{u'lang': u'LANG_NEUTRAL', u'name': u'RT_MANIFEST', u'offset': 183236, u'sha256': u'539dc26a14b6277e87348594ab7d6e932d16aabb18612d77f29fe421a9f1d46a', u'type': u'XML 1.0 document, UTF-8 Unicode (with BOM) text, with CRLF line terminators', u'size': 490}

CERTIFICATE VALIDATION

- Certificate Validation is not Applicable ?

SCREENSHOTS