

## dgrate.exe

Is DLL

Packer

Anti Debug

Anti VM

Signed

XOR

**MalFamily: Nanocore**


**MalScore: 100**

<b>File type:</b>	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
<b>File size:</b>	431.50 KB (441856 bytes)
<b>Compile time:</b>	2019-09-26 13:31:19
<b>MD5:</b>	290b1ce845860d5c699c42a726ed0e2d
<b>SHA1:</b>	fb5dcb15f188577436d0d16b759ba735c288e73a
<b>Import hash:</b>	f34d5f2d4577ed6d9ceec516c1f5a744
<b>Submitted:</b>	2019-10-01 20:06:06

### URL(s) file hosting

<http://alwetengroup.com/dgrate.exe>

### Antivirus Report

Report date	Detection Ratio	Permalink
2019-10-01 17:20:22	50/70	

### Import library

mscoree.dll

**15**

## Behaviors detected by system signatures

Collects information to fingerprint the system

Exhibits behavior characteristic of Nanocore RAT



Attempts to remove evidence of file being downloaded from the Internet

- file: C:\Users\Seven01\AppData\Local\Temp\dgrate.exe:Zone.Identifier

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

- Injection: dgrate.exe(2916) -> dgrate.exe(532)

Uses Windows utilities for basic functionality

- command: "schtasks.exe" /create /f /tn "UPNP Subsystem" /xml  
"C:\Users\Seven01\AppData\Local\Temp\tmp51C0.tmp"

The binary likely contains encrypted or compressed data.

- section: name: .text, entropy: 7.53, characteristics:  
IMAGE\_SCN\_CNT\_CODE|IMAGE\_SCN\_MEM\_EXECUTE|IMAGE\_SCN\_MEM\_READ, raw\_size:  
0x0006aa00, virtual\_size: 0x0006a9b4

A process created a hidden window

- Process: dgrate.exe -> "schtasks.exe" /create /f /tn "UPNP Subsystem" /xml  
"C:\Users\Seven01\AppData\Local\Temp\tmp51C0.tmp"

Reads data out of its own binary image

- self\_read: process: dgrate.exe, pid: 532, offset: 0x00000000, length: 0x00001000  
- self\_read: process: dgrate.exe, pid: 532, offset: 0x00000080, length: 0x00000200

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

- ioc: v2.0.50727

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/FIsGetValue
- DynamicLoader: KERNEL32.dll/FIsSetValue
- DynamicLoader: KERNEL32.dll/FIsFree
- DynamicLoader: KERNEL32.dll/InitializeCriticalSectionAndSpinCount
- DynamicLoader: KERNEL32.dll/IsProcessorFeaturePresent
- DynamicLoader: msvcr7.dll/\_set\_error\_mode
- DynamicLoader: msvcr7.dll/?set\_terminate@@YAP6AXXZP6AXXZ@Z
- DynamicLoader: msvcr7.dll/\_get\_terminate
- DynamicLoader: KERNEL32.dll/FindActCtxSectionStringW
- DynamicLoader: KERNEL32.dll/GetSystemWindowsDirectoryW
- DynamicLoader: MSCOREE.DLL/GetProcessExecutableHeap
- DynamicLoader: mscoreei.dll/GetProcessExecutableHeap\_RetAddr
- DynamicLoader: mscoreei.dll/GetProcessExecutableHeap
- DynamicLoader: mscorwks.dll/SetLoadedByMscoree
- DynamicLoader: mscorwks.dll/\_CorExeMain
- DynamicLoader: mscorwks.dll/GetCLRFunction
- DynamicLoader: ADVAPI32.dll/RegisterTraceGuidsW
- DynamicLoader: ADVAPI32.dll/UnregisterTraceGuids
- DynamicLoader: ADVAPI32.dll/GetTraceLoggerHandle
- DynamicLoader: ADVAPI32.dll/GetTraceEnableLevel
- DynamicLoader: ADVAPI32.dll/GetTraceEnableFlags
- DynamicLoader: ADVAPI32.dll/TraceEvent
- DynamicLoader: MSCOREE.DLL/IEE
- DynamicLoader: mscoreei.dll/IEE\_RetAddr
- DynamicLoader: mscoreei.dll/IEE
- DynamicLoader: mscorwks.dll/IEE
- DynamicLoader: MSCOREE.DLL/GetStartupFlags
- DynamicLoader: mscoreei.dll/GetStartupFlags\_RetAddr
- DynamicLoader: mscoreei.dll/GetStartupFlags
- DynamicLoader: MSCOREE.DLL/GetHostConfigurationFile
- DynamicLoader: mscoreei.dll/GetHostConfigurationFile\_RetAddr
- DynamicLoader: mscoreei.dll/GetHostConfigurationFile
- DynamicLoader: mscoreei.dll/GetCORVersion\_RetAddr
- DynamicLoader: mscoreei.dll/GetCORVersion
- DynamicLoader: MSCOREE.DLL/GetCORSystemDirectory
- DynamicLoader: mscoreei.dll/GetCORSystemDirectory\_RetAddr
- DynamicLoader: mscoreei.dll/CreateConfigStream\_RetAddr



- DynamicLoader: mscoreei.dll/CreateConfigStream
- DynamicLoader: ntdll.dll/RtlUnwind
- DynamicLoader: KERNEL32.dll/IsWow64Process
- 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/SetThreadStackGuarantee
- DynamicLoader: KERNEL32.dll/FIsSetValue
- DynamicLoader: KERNEL32.dll/FIsGetValue
- DynamicLoader: KERNEL32.dll/FIsAlloc
- DynamicLoader: KERNEL32.dll/FIsFree
- DynamicLoader: KERNEL32.dll/AddVectoredContinueHandler
- DynamicLoader: KERNEL32.dll/RemoveVectoredContinueHandler
- DynamicLoader: ADVAPI32.dll/ConvertSidToStringSidW
- DynamicLoader: shell32.dll/SHGetFolderPathW
- DynamicLoader: KERNEL32.dll/FlushProcessWriteBuffers
- DynamicLoader: KERNEL32.dll/GetWriteWatch
- DynamicLoader: KERNEL32.dll/ResetWriteWatch
- DynamicLoader: KERNEL32.dll/CreateMemoryResourceNotification
- DynamicLoader: KERNEL32.dll/QueryMemoryResourceNotification
- DynamicLoader: ole32.dll/CoInitializeEx
- DynamicLoader: CRYPTBASE.dll/SystemFunction036
- DynamicLoader: uxtheme.dll/ThemeInitApiHook
- DynamicLoader: USER32.dll/IsProcessDPIAware
- DynamicLoader: KERNEL32.dll/QueryActCtxW
- DynamicLoader: ole32.dll/CoGetContextToken
- DynamicLoader: KERNEL32.dll/GetFullPathName
- DynamicLoader: KERNEL32.dll/GetFullPathNameW
- DynamicLoader: KERNEL32.dll/GetVersionEx
- DynamicLoader: KERNEL32.dll/GetVersionExW
- DynamicLoader: KERNEL32.dll/GetVersionEx
- DynamicLoader: KERNEL32.dll/GetVersionExW
- DynamicLoader: ADVAPI32.dll/CryptAcquireContextA
- DynamicLoader: ADVAPI32.dll/CryptReleaseContext
- DynamicLoader: ADVAPI32.dll/CryptCreateHash
- DynamicLoader: ADVAPI32.dll/CryptDestroyHash
- DynamicLoader: ADVAPI32.dll/CryptHashData
- DynamicLoader: ADVAPI32.dll/CryptGetHashParam
- DynamicLoader: ADVAPI32.dll/CryptImportKey
- DynamicLoader: ADVAPI32.dll/CryptExportKey
- DynamicLoader: ADVAPI32.dll/CryptGenKey
- DynamicLoader: ADVAPI32.dll/CryptGetKeyParam
- DynamicLoader: ADVAPI32.dll/CryptDestroyKey
- DynamicLoader: ADVAPI32.dll/CryptVerifySignatureA
- DynamicLoader: ADVAPI32.dll/CryptSignHashA
- DynamicLoader: ADVAPI32.dll/CryptGetProvParam
- DynamicLoader: ADVAPI32.dll/CryptGetUserKey
- DynamicLoader: ADVAPI32.dll/CryptEnumProvidersA
- DynamicLoader: MSCOREE.DLL/GetMetaDataInternalInterface
- DynamicLoader: mscoreei.dll/GetMetaDataInternalInterface\_RetAddr
- DynamicLoader: mscoreei.dll/GetMetaDataInternalInterface
- DynamicLoader: mscorwks.dll/GetMetaDataInternalInterface
- DynamicLoader: mscorjit.dll/getJit



- DynamicLoader: KERNEL32.dll/IsWow64Process
- DynamicLoader: USER32.dll/RegisterWindowMessage
- DynamicLoader: USER32.dll/RegisterWindowMessageW
- DynamicLoader: USER32.dll/GetSystemMetrics
- DynamicLoader: USER32.dll/AdjustWindowRectEx
- DynamicLoader: KERNEL32.dll/GetCurrentProcess
- DynamicLoader: KERNEL32.dll/GetCurrentThread
- DynamicLoader: KERNEL32.dll/DuplicateHandle
- DynamicLoader: KERNEL32.dll/GetCurrentThreadId
- DynamicLoader: KERNEL32.dll/strlen
- DynamicLoader: KERNEL32.dll/strlenW
- DynamicLoader: KERNEL32.dll/GetModuleHandle
- DynamicLoader: KERNEL32.dll/GetModuleHandleW
- DynamicLoader: KERNEL32.dll/GetProcAddress
- DynamicLoader: USER32.dll/DefWindowProcW
- DynamicLoader: GDI32.dll/GetStockObject
- DynamicLoader: KERNEL32.dll/GetUserDefaultUILanguage
- DynamicLoader: USER32.dll/RegisterClass
- DynamicLoader: USER32.dll/RegisterClassW
- DynamicLoader: ole32.dll/CoTaskMemAlloc
- DynamicLoader: ole32.dll/CoTaskMemFree
- DynamicLoader: USER32.dll/CreateWindowEx
- DynamicLoader: USER32.dll/CreateWindowExW
- DynamicLoader: USER32.dll/SetWindowLong
- DynamicLoader: USER32.dll/SetWindowLongW
- DynamicLoader: USER32.dll/GetWindowLong
- DynamicLoader: USER32.dll/GetWindowLongW
- DynamicLoader: ADVAPI32.dll/RegCloseKey
- DynamicLoader: ADVAPI32.dll/RegOpenKeyEx
- DynamicLoader: ADVAPI32.dll/RegOpenKeyExW
- DynamicLoader: ADVAPI32.dll/RegQueryValueEx
- DynamicLoader: ADVAPI32.dll/RegQueryValueExW
- DynamicLoader: USER32.dll/SetWindowLong
- DynamicLoader: USER32.dll/SetWindowLongW
- DynamicLoader: USER32.dll/CallWindowProc
- DynamicLoader: USER32.dll/CallWindowProcW
- DynamicLoader: USER32.dll/GetClientRect
- DynamicLoader: USER32.dll/GetWindowRect
- DynamicLoader: USER32.dll/GetParent
- DynamicLoader: KERNEL32.dll/LoadLibrary
- DynamicLoader: KERNEL32.dll/LoadLibraryW
- DynamicLoader: KERNEL32.dll/GetModuleFileName
- DynamicLoader: KERNEL32.dll/GetModuleFileNameW
- DynamicLoader: KERNEL32.dll/SetErrorMode
- DynamicLoader: KERNEL32.dll/GetFileAttributesEx
- DynamicLoader: KERNEL32.dll/GetFileAttributesExW
- 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: MSCOREE.DLL/ND\_R12
- DynamicLoader: mscoreei.dll/ND\_R12\_RetAddr
- DynamicLoader: mscoreei.dll/ND\_R12
- DynamicLoader: KERNEL32.dll/strlen
- DynamicLoader: KERNEL32.dll/strlenW
- DynamicLoader: KERNEL32.dll/lstrcpy
- DynamicLoader: KERNEL32.dll/lstrcpyW
- DynamicLoader: VERSION.dll/VerLanguageName
- DynamicLoader: VERSION.dll/VerLanguageNameW
- DynamicLoader: KERNEL32.dll/GetSystemDefaultLCID
- DynamicLoader: KERNEL32.dll/GetSystemDefaultLCIDW





- DynamicLoader: GDI32.dll/GetStockObject
- DynamicLoader: GDI32.dll/GetObject
- DynamicLoader: GDI32.dll/GetObjectW
- DynamicLoader: USER32.dll/GetDC
- DynamicLoader: KERNEL32.dll/GetCurrentProcessId
- DynamicLoader: KERNEL32.dll/GetCurrentProcessIdW
- DynamicLoader: KERNEL32.dll/FindAtom
- DynamicLoader: KERNEL32.dll/FindAtomW
- DynamicLoader: KERNEL32.dll/AddAtom
- DynamicLoader: KERNEL32.dll/AddAtomW
- DynamicLoader: MSCOREE.DLL/LoadLibraryShim
- DynamicLoader: mscoreei.dll/LoadLibraryShim\_RetAddr
- DynamicLoader: mscoreei.dll/LoadLibraryShim
- DynamicLoader: gdiplus.dll/GdiplusStartup
- DynamicLoader: KERNEL32.dll/IsProcessorFeaturePresent
- DynamicLoader: USER32.dll/GetWindowInfo
- DynamicLoader: USER32.dll/GetAncestor
- DynamicLoader: USER32.dll/GetMonitorInfoA
- DynamicLoader: USER32.dll/EnumDisplayMonitors
- DynamicLoader: USER32.dll/EnumDisplayDevicesA
- DynamicLoader: GDI32.dll/ExtTextOutW
- DynamicLoader: GDI32.dll/GdiIsMetaPrintDC
- DynamicLoader: gdiplus.dll/GdiCreateFontFromLogfontW
- DynamicLoader: KERNEL32.dll/RegOpenKeyExW
- DynamicLoader: KERNEL32.dll/RegQueryInfoKeyA
- DynamicLoader: KERNEL32.dll/RegCloseKey
- DynamicLoader: KERNEL32.dll/RegCreateKeyExW
- DynamicLoader: KERNEL32.dll/RegQueryValueExW
- DynamicLoader: KERNEL32.dll/RegEnumValueW
- DynamicLoader: KERNEL32.dll/RegQueryInfoKeyW
- DynamicLoader: MSCOREE.DLL/ND\_RI2
- DynamicLoader: MSCOREE.DLL/ND\_RU1
- DynamicLoader: mscoreei.dll/ND\_RU1\_RetAddr
- DynamicLoader: mscoreei.dll/ND\_RU1
- DynamicLoader: gdiplus.dll/GdiGetFontUnit
- DynamicLoader: gdiplus.dll/GdiGetFontSize
- DynamicLoader: gdiplus.dll/GdiGetFontStyle
- DynamicLoader: gdiplus.dll/GdiGetFamily
- DynamicLoader: USER32.dll/ReleaseDC
- DynamicLoader: gdiplus.dll/GdiCreateFromHDC
- DynamicLoader: gdiplus.dll/GdiGetDpiY
- DynamicLoader: gdiplus.dll/GdiGetFontHeight
- DynamicLoader: gdiplus.dll/GdiGetEmHeight
- DynamicLoader: gdiplus.dll/GdiGetLineSpacing
- DynamicLoader: gdiplus.dll/GdiDeleteGraphics
- DynamicLoader: gdiplus.dll/GdiCreateFont
- DynamicLoader: gdiplus.dll/GdiDeleteFont
- DynamicLoader: USER32.dll/LoadCursor
- DynamicLoader: USER32.dll/LoadCursorW
- DynamicLoader: gdiplus.dll/GdiCreateFontFamilyFromName
- DynamicLoader: USER32.dll/GetProcessWindowStation
- DynamicLoader: USER32.dll/GetObjectInformation
- DynamicLoader: USER32.dll/GetObjectInformationA
- DynamicLoader: KERNEL32.dll/SetConsoleCtrlHandler
- DynamicLoader: KERNEL32.dll/SetConsoleCtrlHandlerW
- DynamicLoader: KERNEL32.dll/GetModuleHandle
- DynamicLoader: KERNEL32.dll/GetModuleHandleW
- DynamicLoader: USER32.dll/GetClassInfo
- DynamicLoader: USER32.dll/GetClassInfoW
- DynamicLoader: USER32.dll/RegisterClass
- DynamicLoader: USER32.dll/RegisterClassW
- DynamicLoader: USER32.dll/CreateWindowEx
- DynamicLoader: USER32.dll/CreateWindowExW





- DynamicLoader: USER32.dll/SendMessageW
- DynamicLoader: gdiplus.dll/GdipCreateSolidFill
- DynamicLoader: gdiplus.dll/GdipDrawString
- DynamicLoader: USER32.dll/RedrawWindow
- DynamicLoader: USER32.dll/SetWindowPos
- DynamicLoader: culture.dll/ConvertLangIdToCultureName
- DynamicLoader: gdiplus.dll/GdipLoadImageFromStream
- DynamicLoader: WindowsCodecs.dll/DllGetClassObject
- DynamicLoader: KERNEL32.dll/WerRegisterMemoryBlock
- DynamicLoader: gdiplus.dll/GdipImageForceValidation
- DynamicLoader: gdiplus.dll/GdipGetImageType
- DynamicLoader: gdiplus.dll/GdipGetImageRawFormat
- DynamicLoader: gdiplus.dll/GdipGetImageWidth
- DynamicLoader: gdiplus.dll/GdipGetImageHeight
- DynamicLoader: gdiplus.dll/GdipBitmapGetPixel
- DynamicLoader: KERNEL32.dll/SwitchToThread
- DynamicLoader: gdiplus.dll/GdipDeleteStringFormat
- DynamicLoader: gdiplus.dll/GdipDeleteBrush
- DynamicLoader: KERNEL32.dll/GlobalMemoryStatusEx
- DynamicLoader: KERNEL32.dll/VirtualProtect
- DynamicLoader: KERNEL32.dll/CreateEvent
- DynamicLoader: KERNEL32.dll/CreateEventW
- DynamicLoader: KERNEL32.dll/CloseHandle
- DynamicLoader: KERNEL32.dll/SetEvent
- DynamicLoader: ole32.dll/CoWaitForMultipleHandles
- 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: ole32.dll/IIDFromString
- DynamicLoader: ole32.dll/CoGetClassObject
- DynamicLoader: ole32.dll/CoCreateFreeThreadedMarshaler
- DynamicLoader: ole32.dll/CoGetObjectContext
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: KERNEL32.dll/LoadLibrary
- DynamicLoader: KERNEL32.dll/LoadLibraryA
- DynamicLoader: KERNEL32.dll/GetProcAddress
- DynamicLoader: wminet\_utils.dll/ResetSecurity
- DynamicLoader: wminet\_utils.dll/SetSecurity
- DynamicLoader: wminet\_utils.dll/BlessIWbemServices
- DynamicLoader: wminet\_utils.dll/BlessIWbemServicesObject
- DynamicLoader: wminet\_utils.dll/GetPropertyHandle
- DynamicLoader: wminet\_utils.dll/WritePropertyValue
- DynamicLoader: wminet\_utils.dll/Clone
- DynamicLoader: wminet\_utils.dll/VerifyClientKey
- DynamicLoader: wminet\_utils.dll/GetQualifierSet
- DynamicLoader: wminet\_utils.dll/Get
- DynamicLoader: wminet\_utils.dll/Put





- DynamicLoader: wminet\_utils.dll/Delete
- DynamicLoader: wminet\_utils.dll/GetNames
- DynamicLoader: wminet\_utils.dll/BeginEnumeration
- DynamicLoader: wminet\_utils.dll/Next
- DynamicLoader: wminet\_utils.dll/EndEnumeration
- DynamicLoader: wminet\_utils.dll/GetPropertyQualifierSet
- DynamicLoader: wminet\_utils.dll/Clone
- DynamicLoader: wminet\_utils.dll/GetObjectText
- DynamicLoader: wminet\_utils.dll/SpawnDerivedClass
- DynamicLoader: wminet\_utils.dll/SpawnInstance
- DynamicLoader: wminet\_utils.dll/CompareTo
- DynamicLoader: wminet\_utils.dll/GetPropertyOrigin
- DynamicLoader: wminet\_utils.dll/InheritsFrom
- DynamicLoader: wminet\_utils.dll/GetMethod
- DynamicLoader: wminet\_utils.dll/PutMethod
- DynamicLoader: wminet\_utils.dll/DeleteMethod
- DynamicLoader: wminet\_utils.dll/BeginMethodEnumeration
- DynamicLoader: wminet\_utils.dll/NextMethod
- DynamicLoader: wminet\_utils.dll/EndMethodEnumeration
- DynamicLoader: wminet\_utils.dll/GetMethodQualifierSet
- DynamicLoader: wminet\_utils.dll/GetMethodOrigin
- DynamicLoader: wminet\_utils.dll/QualifierSet\_Get
- DynamicLoader: wminet\_utils.dll/QualifierSet\_Put
- DynamicLoader: wminet\_utils.dll/QualifierSet\_Delete
- DynamicLoader: wminet\_utils.dll/QualifierSet\_GetNames
- DynamicLoader: wminet\_utils.dll/QualifierSet\_BeginEnumeration
- DynamicLoader: wminet\_utils.dll/QualifierSet\_Next
- DynamicLoader: wminet\_utils.dll/QualifierSet\_EndEnumeration
- DynamicLoader: wminet\_utils.dll/GetCurrentApartmentType
- DynamicLoader: wminet\_utils.dll/GetDemultiplexedStub
- DynamicLoader: wminet\_utils.dll/CreateInstanceEnumWmi
- DynamicLoader: wminet\_utils.dll/CreateClassEnumWmi
- DynamicLoader: wminet\_utils.dll/ExecQueryWmi
- DynamicLoader: wminet\_utils.dll/ExecNotificationQueryWmi
- DynamicLoader: wminet\_utils.dll/PutInstanceWmi
- DynamicLoader: wminet\_utils.dll/PutClassWmi
- DynamicLoader: wminet\_utils.dll/CloneEnumWbemClassObject
- DynamicLoader: wminet\_utils.dll/ConnectServerWmi
- DynamicLoader: KERNEL32.dll/GetThreadPreferredUILanguages
- DynamicLoader: KERNEL32.dll/SetThreadPreferredUILanguages
- DynamicLoader: KERNEL32.dll/LocaleNameToLCID
- DynamicLoader: KERNEL32.dll/GetLocaleInfoEx
- DynamicLoader: KERNEL32.dll/LCIDToLocaleName
- DynamicLoader: KERNEL32.dll/GetSystemDefaultLocaleName
- DynamicLoader: ole32.dll/CoUninitialize
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: ole32.dll/CoGetMarshalSizeMax
- DynamicLoader: ole32.dll/CoMarshalInterface
- DynamicLoader: ole32.dll/CoUnmarshalInterface
- DynamicLoader: OLEAUT32.dll/SysStringLen
- DynamicLoader: KERNEL32.dll/ZeroMemory
- DynamicLoader: KERNEL32.dll/ZeroMemoryA
- DynamicLoader: KERNEL32.dll/RtlZeroMemory
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: KERNEL32.dll/CreateProcess
- DynamicLoader: KERNEL32.dll/CreateProcessW
- DynamicLoader: KERNEL32.dll/GetThreadContext
- DynamicLoader: KERNEL32.dll/ReadProcessMemory
- DynamicLoader: KERNEL32.dll/VirtualAllocEx
- DynamicLoader: KERNEL32.dll/WriteProcessMemory
- DynamicLoader: KERNEL32.dll/SetThreadContext
- DynamicLoader: KERNEL32.dll/ResumeThread



- DynamicLoader: USER32.dll/SetClassLong
- DynamicLoader: USER32.dll/SetClassLongW
- DynamicLoader: USER32.dll/PostMessage
- DynamicLoader: USER32.dll/PostMessageW
- DynamicLoader: USER32.dll/UnregisterClass
- DynamicLoader: USER32.dll/UnregisterClassW
- DynamicLoader: KERNEL32.dll/DeleteAtom
- DynamicLoader: KERNEL32.dll/DeleteAtomW
- DynamicLoader: USER32.dll/IsWindow
- DynamicLoader: KERNEL32.dll/GetProcAddress
- DynamicLoader: USER32.dll/DefWindowProcW
- DynamicLoader: USER32.dll/SetWindowLong
- DynamicLoader: USER32.dll/SetWindowLongW
- DynamicLoader: USER32.dll/SetClassLong
- DynamicLoader: USER32.dll/SetClassLongW
- DynamicLoader: USER32.dll/DestroyWindow
- DynamicLoader: USER32.dll/DestroyWindowW
- DynamicLoader: USER32.dll/PostMessage
- DynamicLoader: USER32.dll/PostMessageW
- DynamicLoader: GDI32.dll/DeleteObject
- DynamicLoader: KERNEL32.dll/CloseHandle
- DynamicLoader: ole32.dll/CoReleaseMarshalData
- DynamicLoader: ntdll.dll/EtwUnregisterTraceGuids
- DynamicLoader: ntdll.dll/EtwUnregisterTraceGuids
- 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
- 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: VSSAPI.DLL/CreateWriter
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: ole32.dll/CoTaskMemFree
- DynamicLoader: ole32.dll/CoTaskMemAlloc
- DynamicLoader: ADVAPI32.dll/LookupAccountNameW
- DynamicLoader: sechost.dll/LookupAccountNameLocalW
- DynamicLoader: ADVAPI32.dll/LookupAccountSidW
- DynamicLoader: samcli.dll/NetLocalGroupGetMembers
- DynamicLoader: SAMLIB.dll/SamConnect
- DynamicLoader: RPCRT4.dll/NdrClientCall3
- DynamicLoader: RPCRT4.dll/RpcStringBindingComposeW
- DynamicLoader: RPCRT4.dll/RpcBindingFromStringBindingW
- DynamicLoader: RPCRT4.dll/RpcStringFreeW
- DynamicLoader: RPCRT4.dll/RpcBindingFree
- DynamicLoader: SAMLIB.dll/SamOpenDomain
- DynamicLoader: SAMLIB.dll/SamLookupNamesInDomain
- DynamicLoader: SAMLIB.dll/SamOpenAlias
- DynamicLoader: SAMLIB.dll/SamFreeMemory



- DynamicLoader: SAMLIB.dll/SamCloseHandle
- DynamicLoader: SAMLIB.dll/SamGetMembersInAlias
- DynamicLoader: netutils.dll/NetApiBufferFree
- DynamicLoader: ole32.dll/CoCreateGuid
- DynamicLoader: ole32.dll/CoCreateInstance
- DynamicLoader: ole32.dll/StringFromCLSID
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: PROPSYS.dll/VariantToPropVariant
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: wbemcore.dll/Reinitialize
- DynamicLoader: wbemsvc.dll/DllGetClassObject
- DynamicLoader: wbemsvc.dll/DllCanUnloadNow
- DynamicLoader: authZ.dll/AuthzInitializeContextFromToken
- DynamicLoader: authZ.dll/AuthzInitializeObjectAccessAuditEvent2
- DynamicLoader: authZ.dll/AuthzAccessCheck
- DynamicLoader: authZ.dll/AuthzFreeAuditEvent
- DynamicLoader: authZ.dll/AuthzFreeContext
- DynamicLoader: authZ.dll/AuthzInitializeResourceManager
- DynamicLoader: authZ.dll/AuthzFreeResourceManager
- DynamicLoader: RPCRT4.dll/NdrClientCall3
- DynamicLoader: RPCRT4.dll/RpcBindingCreateW
- DynamicLoader: RPCRT4.dll/RpcBindingBind
- DynamicLoader: RPCRT4.dll/I\_RpcMapWin32Status
- DynamicLoader: RPCRT4.dll/RpcBindingFree
- DynamicLoader: ADVAPI32.dll/EventRegister
- DynamicLoader: ADVAPI32.dll/EventUnregister
- DynamicLoader: ADVAPI32.dll/EventWrite
- DynamicLoader: ADVAPI32.dll/EventActivityIdControl
- DynamicLoader: ADVAPI32.dll/EventWriteTransfer
- DynamicLoader: ADVAPI32.dll/EventEnabled
- DynamicLoader: kernel32.dll/RegCloseKey
- DynamicLoader: kernel32.dll/RegSetValueExW
- DynamicLoader: kernel32.dll/RegOpenKeyExW
- DynamicLoader: kernel32.dll/RegQueryValueExW
- DynamicLoader: kernel32.dll/RegCloseKey
- DynamicLoader: wmisvc.dll/IsImproperShutdownDetected
- DynamicLoader: Wevtapi.dll/EvtRender
- DynamicLoader: Wevtapi.dll/EvtNext
- DynamicLoader: Wevtapi.dll/EvtClose
- DynamicLoader: Wevtapi.dll/EvtQuery
- DynamicLoader: Wevtapi.dll/EvtCreateRenderContext
- DynamicLoader: RPCRT4.dll/RpcStringBindingComposeW
- DynamicLoader: RPCRT4.dll/RpcBindingFromStringBindingW
- DynamicLoader: RPCRT4.dll/RpcBindingSetAuthInfoExW
- DynamicLoader: RPCRT4.dll/RpcBindingSetOption
- DynamicLoader: RPCRT4.dll/RpcStringFreeW
- DynamicLoader: RPCRT4.dll/NdrClientCall3
- DynamicLoader: RPCRT4.dll/RpcBindingFree
- DynamicLoader: ole32.dll/CoCreateFreeThreadedMarshaler
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: ole32.dll/CoGetMarshalSizeMax
- DynamicLoader: ole32.dll/CreateStreamOnHGlobal
- DynamicLoader: ole32.dll/CoMarshalInterface
- DynamicLoader: CRYPTSP.dll/CryptGenRandom
- DynamicLoader: CRYPTSP.dll/CryptReleaseContext
- DynamicLoader: KERNELBASE.dll/InitializeAcl
- DynamicLoader: KERNELBASE.dll/AddAce
- DynamicLoader: kernel32.dll/OpenProcessToken
- DynamicLoader: KERNELBASE.dll/GetTokenInformation
- DynamicLoader: KERNELBASE.dll/DuplicateTokenEx



- DynamicLoader: KERNELBASE.dll/AdjustTokenPrivileges
- DynamicLoader: sechost.dll/LookupAccountSidLocalW
- DynamicLoader: kernel32.dll/SetThreadToken
- DynamicLoader: KERNELBASE.dll/CheckTokenMembership
- DynamicLoader: wbemcore.dll/Reinitialize
- DynamicLoader: KERNELBASE.dll/AllocateAndInitializeSid
- DynamicLoader: wbemcore.dll/Reinitialize
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: ADVAPI32.dll/RegOpenKeyW
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: ole32.dll/CLSIDFromString
- DynamicLoader: ole32.dll/CoCreateInstance
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: authZ.dll/AuthzInitializeContextFromToken
- DynamicLoader: authZ.dll/AuthzInitializeResourceManager
- DynamicLoader: authZ.dll/AuthzInitializeContextFromSid
- DynamicLoader: authZ.dll/AuthzInitializeContextFromToken
- DynamicLoader: authZ.dll/AuthzAccessCheck
- DynamicLoader: authZ.dll/AuthzFreeContext
- DynamicLoader: authZ.dll/AuthzFreeResourceManager
- DynamicLoader: sechost.dll/LookupAccountSidLocalW
- DynamicLoader: ole32.dll/CoGetClassObject
- DynamicLoader: ole32.dll/CoGetCallContext
- DynamicLoader: ole32.dll/CoImpersonateClient
- DynamicLoader: ole32.dll/CoRevertToSelf
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: ole32.dll/CoSwitchCallContext
- DynamicLoader: ole32.dll/CoCreateGuid
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: ole32.dll/CoInitializeEx
- DynamicLoader: OLEAUT32.dll/
- DynamicLoader: wbemcore.dll/Reinitialize
- DynamicLoader: ole32.dll/CoInitializeEx
- DynamicLoader: ole32.dll/CoUninitialize
- 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/FIsGetValue
- DynamicLoader: KERNEL32.dll/FIsSetValue
- DynamicLoader: KERNEL32.dll/FIsFree
- DynamicLoader: KERNEL32.dll/InitializeCriticalSectionAndSpinCount
- DynamicLoader: KERNEL32.dll/IsProcessorFeaturePresent
- DynamicLoader: msvcr7.dll/\_set\_error\_mode
- DynamicLoader: msvcr7.dll/?set\_terminate@@YAP6AXXZP6AXXZ@Z
- DynamicLoader: msvcr7.dll/\_get\_terminate
- DynamicLoader: KERNEL32.dll/FindActCtxSectionStringW
- DynamicLoader: KERNEL32.dll/GetSystemWindowsDirectoryW
- DynamicLoader: MSCOREE.DLL/GetProcessExecutableHeap
- DynamicLoader: mscoreei.dll/GetProcessExecutableHeap\_RetAddr
- DynamicLoader: mscoreei.dll/GetProcessExecutableHeap
- DynamicLoader: mscorwks.dll/SetLoadedByMscoree
- DynamicLoader: mscorwks.dll/\_CorExeMain
- DynamicLoader: mscorwks.dll/GetCLRFunction
- DynamicLoader: ADVAPI32.dll/RegisterTraceGuidsW
- DynamicLoader: ADVAPI32.dll/UnregisterTraceGuids
- DynamicLoader: ADVAPI32.dll/GetTraceLoggerHandle
- DynamicLoader: ADVAPI32.dll/GetTraceEnableLevel
- DynamicLoader: ADVAPI32.dll/GetTraceEnableFlags
- DynamicLoader: ADVAPI32.dll/TraceEvent
- DynamicLoader: MSCOREE.DLL/IEE
- DynamicLoader: mscoreei.dll/IEE\_RetAddr
- DynamicLoader: mscoreei.dll/IEE
- DynamicLoader: mscorwks.dll/IEE
- DynamicLoader: MSCOREE.DLL/GetStartupFlags
- DynamicLoader: mscoreei.dll/GetStartupFlags\_RetAddr





- DynamicLoader: mscoreei.dll/GetStartupFlags
- DynamicLoader: MSCOREE.DLL/GetHostConfigurationFile
- DynamicLoader: mscoreei.dll/GetHostConfigurationFile\_RetAddr
- DynamicLoader: mscoreei.dll/GetHostConfigurationFile
- DynamicLoader: mscoreei.dll/GetCORVersion\_RetAddr
- DynamicLoader: mscoreei.dll/GetCORVersion
- DynamicLoader: MSCOREE.DLL/GetCORSystemDirectory
- DynamicLoader: mscoreei.dll/GetCORSystemDirectory\_RetAddr
- DynamicLoader: mscoreei.dll/CreateConfigStream\_RetAddr
- DynamicLoader: mscoreei.dll/CreateConfigStream
- DynamicLoader: ntdll.dll/RtlUnwind
- DynamicLoader: KERNEL32.dll/IsWow64Process
- 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/SetThreadStackGuarantee
- DynamicLoader: KERNEL32.dll/FlsSetValue
- DynamicLoader: KERNEL32.dll/FlsGetValue
- DynamicLoader: KERNEL32.dll/FlsAlloc
- DynamicLoader: KERNEL32.dll/FlsFree
- DynamicLoader: KERNEL32.dll/AddVectoredContinueHandler
- DynamicLoader: KERNEL32.dll/RemoveVectoredContinueHandler
- DynamicLoader: ADVAPI32.dll/ConvertSidToStringSidW
- DynamicLoader: shell32.dll/SHGetFolderPathW
- DynamicLoader: KERNEL32.dll/FlushProcessWriteBuffers
- DynamicLoader: KERNEL32.dll/GetWriteWatch
- DynamicLoader: KERNEL32.dll/ResetWriteWatch
- DynamicLoader: KERNEL32.dll/CreateMemoryResourceNotification
- DynamicLoader: KERNEL32.dll/QueryMemoryResourceNotification
- DynamicLoader: ole32.dll/CoInitializeEx
- DynamicLoader: CRYPTBASE.dll/SystemFunction036
- DynamicLoader: uxtheme.dll/ThemeInitApiHook
- DynamicLoader: USER32.dll/IsProcessDPIAware
- DynamicLoader: KERNEL32.dll/QueryActCtxW
- DynamicLoader: ole32.dll/CoGetContextToken
- DynamicLoader: KERNEL32.dll/GetFullPathName
- DynamicLoader: KERNEL32.dll/GetFullPathNameW
- DynamicLoader: KERNEL32.dll/GetVersionEx
- DynamicLoader: KERNEL32.dll/GetVersionExW
- DynamicLoader: KERNEL32.dll/GetVersionEx
- DynamicLoader: KERNEL32.dll/GetVersionExW
- DynamicLoader: ADVAPI32.dll/CryptAcquireContextA
- DynamicLoader: ADVAPI32.dll/CryptReleaseContext
- DynamicLoader: ADVAPI32.dll/CryptCreateHash
- DynamicLoader: ADVAPI32.dll/CryptDestroyHash
- DynamicLoader: ADVAPI32.dll/CryptHashData
- DynamicLoader: ADVAPI32.dll/CryptGetHashParam
- DynamicLoader: ADVAPI32.dll/CryptImportKey
- DynamicLoader: ADVAPI32.dll/CryptExportKey
- DynamicLoader: ADVAPI32.dll/CryptGenKey
- DynamicLoader: ADVAPI32.dll/CryptGetKeyParam
- DynamicLoader: ADVAPI32.dll/CryptDestroyKey
- DynamicLoader: ADVAPI32.dll/CryptVerifySignatureA



- DynamicLoader: ADVAPI32.dll/CryptSignHashA
- DynamicLoader: ADVAPI32.dll/CryptGetProvParam
- DynamicLoader: ADVAPI32.dll/CryptGetUserKey
- DynamicLoader: ADVAPI32.dll/CryptEnumProvidersA
- DynamicLoader: MSCOREEE.DLL/GetMetaDataInternalInterface
- DynamicLoader: mscoreei.dll/GetMetaDataInternalInterface\_RetAddr
- DynamicLoader: mscoreei.dll/GetMetaDataInternalInterface
- DynamicLoader: mscorwks.dll/GetMetaDataInternalInterface
- DynamicLoader: mscorjit.dll/getJit
- DynamicLoader: KERNEL32.dll/IsWow64Process
- DynamicLoader: KERNEL32.dll/GetUserDefaultUILanguage
- DynamicLoader: USER32.dll/RegisterWindowMessage
- DynamicLoader: USER32.dll/RegisterWindowMessageW
- DynamicLoader: USER32.dll/GetSystemMetrics
- DynamicLoader: USER32.dll/AdjustWindowRectEx
- DynamicLoader: KERNEL32.dll/GetCurrentProcess
- DynamicLoader: KERNEL32.dll/GetCurrentThread
- DynamicLoader: KERNEL32.dll/DuplicateHandle
- DynamicLoader: KERNEL32.dll/GetCurrentThreadId
- DynamicLoader: KERNEL32.dll/strlen
- DynamicLoader: KERNEL32.dll/strlenW
- DynamicLoader: KERNEL32.dll/GetModuleHandle
- DynamicLoader: KERNEL32.dll/GetModuleHandleW
- DynamicLoader: KERNEL32.dll/GetProcAddress
- DynamicLoader: USER32.dll/DefWindowProcW
- DynamicLoader: GDI32.dll/GetStockObject
- DynamicLoader: USER32.dll/RegisterClass
- DynamicLoader: USER32.dll/RegisterClassW
- DynamicLoader: ole32.dll/CoTaskMemAlloc
- DynamicLoader: ole32.dll/CoTaskMemFree
- DynamicLoader: USER32.dll/CreateWindowEx
- DynamicLoader: USER32.dll/CreateWindowExW
- DynamicLoader: USER32.dll/SetWindowLong
- DynamicLoader: USER32.dll/SetWindowLongW
- DynamicLoader: USER32.dll/GetWindowLong
- DynamicLoader: USER32.dll/GetWindowLongW
- DynamicLoader: ADVAPI32.dll/RegCloseKey
- DynamicLoader: ADVAPI32.dll/RegOpenKeyEx
- DynamicLoader: ADVAPI32.dll/RegOpenKeyExW
- DynamicLoader: ADVAPI32.dll/RegQueryValueEx
- DynamicLoader: ADVAPI32.dll/RegQueryValueExW
- DynamicLoader: USER32.dll/SetWindowLong
- DynamicLoader: USER32.dll/SetWindowLongW
- DynamicLoader: USER32.dll/CallWindowProc
- DynamicLoader: USER32.dll/CallWindowProcW
- DynamicLoader: USER32.dll/GetClientRect
- DynamicLoader: USER32.dll/GetWindowRect
- DynamicLoader: USER32.dll/GetParent
- DynamicLoader: uxtheme.dll/IsAppThemed
- DynamicLoader: uxtheme.dll/IsAppThemedW
- DynamicLoader: KERNEL32.dll/CreateActCtx
- DynamicLoader: KERNEL32.dll/CreateActCtxA
- DynamicLoader: KERNEL32.dll/GetCurrentActCtx
- DynamicLoader: KERNEL32.dll/ActivateActCtx
- DynamicLoader: dwmapi.dll/DwmIsCompositionEnabled
- DynamicLoader: USER32.dll/GetWindowTextLength
- DynamicLoader: USER32.dll/GetWindowTextLengthW
- DynamicLoader: USER32.dll/GetWindowText
- DynamicLoader: USER32.dll/GetWindowTextW
- DynamicLoader: USER32.dll/GetProcessWindowStation
- DynamicLoader: USER32.dll/GetUserObjectInformation
- DynamicLoader: USER32.dll/GetUserObjectInformationA
- DynamicLoader: KERNEL32.dll/SetConsoleCtrlHandler



- DynamicLoader: KERNEL32.dll/SetConsoleCtrlHandlerW
- DynamicLoader: KERNEL32.dll/GetModuleHandle
- DynamicLoader: KERNEL32.dll/GetModuleHandleW
- DynamicLoader: USER32.dll/GetClassInfo
- DynamicLoader: USER32.dll/GetClassInfoW
- DynamicLoader: USER32.dll/RegisterClass
- DynamicLoader: USER32.dll/RegisterClassW
- DynamicLoader: USER32.dll/CreateWindowEx
- DynamicLoader: USER32.dll/CreateWindowExW
- DynamicLoader: USER32.dll/DefWindowProc
- DynamicLoader: USER32.dll/DefWindowProcW
- DynamicLoader: KERNEL32.dll/GetStartupInfo
- DynamicLoader: KERNEL32.dll/GetStartupInfoW
- DynamicLoader: USER32.dll/GetWindowPlacement
- DynamicLoader: USER32.dll/GetSystemMetrics
- DynamicLoader: USER32.dll/GetDC
- DynamicLoader: GDI32.dll/GetDeviceCaps
- DynamicLoader: USER32.dll/ReleaseDC
- DynamicLoader: USER32.dll/CreateIconFromResourceEx
- DynamicLoader: USER32.dll/SendMessage
- DynamicLoader: USER32.dll/SendMessageW
- DynamicLoader: USER32.dll/GetSystemMenu
- DynamicLoader: USER32.dll/EnableMenuItem
- DynamicLoader: USER32.dll/SendMessage
- DynamicLoader: USER32.dll/SendMessageW
- DynamicLoader: USER32.dll/SetWindowPos
- DynamicLoader: USER32.dll/RedrawWindow
- DynamicLoader: USER32.dll/ShowWindow
- DynamicLoader: USER32.dll/SendMessage
- DynamicLoader: USER32.dll/SendMessageW
- DynamicLoader: USER32.dll/GetWindowThreadProcessId
- DynamicLoader: USER32.dll/PostMessage
- DynamicLoader: USER32.dll/PostMessageW
- DynamicLoader: ole32.dll/OleInitialize
- DynamicLoader: ole32.dll/CoRegisterMessageFilter
- DynamicLoader: USER32.dll/PeekMessage
- DynamicLoader: USER32.dll/PeekMessageW
- DynamicLoader: USER32.dll/IsWindowUnicode
- DynamicLoader: USER32.dll/GetMessageW
- DynamicLoader: USER32.dll/TranslateMessage
- DynamicLoader: USER32.dll/DispatchMessageW
- DynamicLoader: USER32.dll/GetFocus
- DynamicLoader: KERNEL32.dll/GetModuleFileName
- DynamicLoader: KERNEL32.dll/GetModuleFileNameW
- DynamicLoader: KERNEL32.dll/SetCurrentDirectory
- DynamicLoader: KERNEL32.dll/SetCurrentDirectoryW
- DynamicLoader: KERNEL32.dll/FindResourceEx
- DynamicLoader: KERNEL32.dll/FindResourceExA
- DynamicLoader: KERNEL32.dll/LoadResource
- DynamicLoader: KERNEL32.dll/SizeofResource
- DynamicLoader: KERNEL32.dll/LockResource
- DynamicLoader: CRYPTSP.dll/CryptAcquireContextW
- DynamicLoader: CRYPTSP.dll/CryptCreateHash
- DynamicLoader: bcrypt.dll/BCryptGetFipsAlgorithmMode
- DynamicLoader: CRYPTSP.dll/CryptHashData
- DynamicLoader: CRYPTSP.dll/CryptGetHashParam
- DynamicLoader: CRYPTSP.dll/CryptDestroyHash
- DynamicLoader: CRYPTSP.dll/CryptGetProvParam
- DynamicLoader: CRYPTSP.dll/CryptImportKey
- DynamicLoader: CRYPTSP.dll/CryptSetKeyParam
- DynamicLoader: CRYPTSP.dll/CryptDecrypt
- DynamicLoader: CRYPTSP.dll/CryptEncrypt
- DynamicLoader: KERNEL32.dll/ReleaseMutex



- DynamicLoader: KERNEL32.dll/CreateMutex
- DynamicLoader: KERNEL32.dll/CreateMutexW
- DynamicLoader: KERNEL32.dll/CloseHandle
- DynamicLoader: ADVAPI32.dll/RegOpenKeyEx
- DynamicLoader: ADVAPI32.dll/RegOpenKeyExA
- DynamicLoader: ADVAPI32.dll/RegQueryValueEx
- DynamicLoader: ADVAPI32.dll/RegQueryValueExA
- DynamicLoader: ADVAPI32.dll/RegCloseKey
- DynamicLoader: ADVAPI32.dll/RegQueryValueEx
- DynamicLoader: ADVAPI32.dll/RegQueryValueExW
- DynamicLoader: KERNEL32.dll/GetCurrentProcess
- DynamicLoader: shfolder.dll/SHGetFolderPath
- DynamicLoader: shfolder.dll/SHGetFolderPathW
- DynamicLoader: KERNEL32.dll/SetErrorMode
- DynamicLoader: KERNEL32.dll/GetFileAttributesEx
- DynamicLoader: KERNEL32.dll/GetFileAttributesExW
- DynamicLoader: KERNEL32.dll/CreateDirectory
- DynamicLoader: KERNEL32.dll/CreateDirectoryW
- DynamicLoader: KERNEL32.dll/CreateFile
- DynamicLoader: KERNEL32.dll/CreateFileW
- DynamicLoader: KERNEL32.dll/GetFileType
- DynamicLoader: KERNEL32.dll/WriteFile
- DynamicLoader: KERNEL32.dll/GetTempPath
- DynamicLoader: KERNEL32.dll/GetTempPathW
- DynamicLoader: KERNEL32.dll/GetTempFileName
- DynamicLoader: KERNEL32.dll/GetTempFileNameW
- DynamicLoader: KERNEL32.dll/CloseHandle
- DynamicLoader: KERNEL32.dll/GetCurrentDirectory
- DynamicLoader: KERNEL32.dll/GetCurrentDirectoryW
- DynamicLoader: KERNEL32.dll/CreateProcess
- DynamicLoader: KERNEL32.dll/CreateProcessW
- DynamicLoader: KERNEL32.dll/GetCurrentProcess
- DynamicLoader: KERNEL32.dll/DuplicateHandle
- DynamicLoader: ole32.dll/CoWaitForMultipleHandles
- 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/\_RpcExtInitializeExtensionPoint
- DynamicLoader: KERNEL32.dll/GetExitCodeProcess
- DynamicLoader: KERNEL32.dll/GetExitCodeProcessW
- DynamicLoader: KERNEL32.dll/DeleteFile
- DynamicLoader: KERNEL32.dll/DeleteFileW
- DynamicLoader: KERNEL32.dll/DeleteFile
- DynamicLoader: KERNEL32.dll/DeleteFileA
- DynamicLoader: KERNEL32.dll/GetSystemInfo
- DynamicLoader: KERNEL32.dll/CreateIoCompletionPort
- DynamicLoader: KERNEL32.dll/PostQueuedCompletionStatus
- DynamicLoader: ntdll.dll/NtQueryInformationThread
- DynamicLoader: ntdll.dll/NtQuerySystemInformation



- DynamicLoader: ntdll.dll/NtGetCurrentProcessorNumber
- DynamicLoader: mscoreei.dll/LoadLibraryShim\_RetAddr
- DynamicLoader: mscoreei.dll/LoadLibraryShim
- DynamicLoader: culture.dll/ConvertLangIdToCultureName
- DynamicLoader: MSCOREE.DLL/DllGetClassObject
- DynamicLoader: mscoreei.dll/DllGetClassObject\_RetAddr
- DynamicLoader: mscoreei.dll/DllGetClassObject
- DynamicLoader: diasymreader.dll/DllGetClassObjectInternal
- DynamicLoader: ADVAPI32.dll/GetUserName
- DynamicLoader: ADVAPI32.dll/GetUserNameW
- DynamicLoader: USER32.dll/GetForegroundWindow
- DynamicLoader: USER32.dll/GetWindowThreadProcessId
- DynamicLoader: ADVAPI32.dll/LookupPrivilegeValue
- DynamicLoader: ADVAPI32.dll/LookupPrivilegeValueW
- DynamicLoader: KERNEL32.dll/GlobalMemoryStatusEx
- DynamicLoader: KERNEL32.dll/SwitchToThread
- DynamicLoader: ADVAPI32.dll/OpenProcessToken
- DynamicLoader: ADVAPI32.dll/OpenProcessTokenW
- DynamicLoader: ADVAPI32.dll/AdjustTokenPrivileges
- DynamicLoader: ADVAPI32.dll/AdjustTokenPrivilegesW
- DynamicLoader: KERNEL32.dll/CloseHandle
- DynamicLoader: psapi.dll/EnumProcesses
- DynamicLoader: psapi.dll/EnumProcessesW
- DynamicLoader: USER32.dll/RegisterRawInputDevices
- DynamicLoader: USER32.dll/SetClipboardViewer
- DynamicLoader: USER32.dll/SendMessage
- DynamicLoader: USER32.dll/SendMessageA
- DynamicLoader: ntdll.dll/NtQuerySystemInformation
- DynamicLoader: ntdll.dll/NtQuerySystemInformationW
- DynamicLoader: USER32.dll/GetKeyboardLayout
- DynamicLoader: USER32.dll/GetWindowText
- DynamicLoader: USER32.dll/GetWindowTextW
- DynamicLoader: ole32.dll/CoCreateGuid
- DynamicLoader: ws2\_32.dll/WSAStartup
- DynamicLoader: ADVAPI32.dll/RegQueryValueEx
- DynamicLoader: ADVAPI32.dll/RegQueryValueExW
- DynamicLoader: ws2\_32.dll/WSASocket
- DynamicLoader: ws2\_32.dll/WSASocketW
- DynamicLoader: ws2\_32.dll/setsockopt
- DynamicLoader: ws2\_32.dll/WSAEventSelect
- DynamicLoader: ws2\_32.dll/ioctlsocket
- DynamicLoader: ws2\_32.dll/closesocket
- DynamicLoader: KERNEL32.dll/GetCurrentProcess
- DynamicLoader: KERNEL32.dll/GetCurrentProcessW
- DynamicLoader: ADVAPI32.dll/OpenProcessToken
- DynamicLoader: ADVAPI32.dll/OpenProcessTokenW
- DynamicLoader: KERNEL32.dll/GetFileAttributesEx
- DynamicLoader: KERNEL32.dll/GetFileAttributesExW
- DynamicLoader: KERNEL32.dll/GetFileSize
- DynamicLoader: KERNEL32.dll/ReadFile
- DynamicLoader: MSCOREE.DLL/ND\_R12
- DynamicLoader: mscoreei.dll/ND\_R12\_RetAddr
- DynamicLoader: mscoreei.dll/ND\_R12
- DynamicLoader: KERNEL32.dll/GetCurrentProcessId
- DynamicLoader: KERNEL32.dll/GetCurrentProcessIdW
- DynamicLoader: KERNEL32.dll/GetComputerName
- DynamicLoader: KERNEL32.dll/GetComputerNameW
- DynamicLoader: ADVAPI32.dll/ConvertStringSecurityDescriptorToSecurityDescriptor
- DynamicLoader: ADVAPI32.dll/ConvertStringSecurityDescriptorToSecurityDescriptorW
- DynamicLoader: KERNEL32.dll/LocalFree
- DynamicLoader: KERNEL32.dll/CreateFileMapping
- DynamicLoader: KERNEL32.dll/CreateFileMappingW
- DynamicLoader: KERNEL32.dll/CloseHandle



- DynamicLoader: KERNEL32.dll/MapViewOfFile
- DynamicLoader: KERNEL32.dll/UnMapViewOfFile
- DynamicLoader: KERNEL32.dll/VirtualQuery
- DynamicLoader: ADVAPI32.dll/CreateWellKnownSid
- DynamicLoader: ADVAPI32.dll/CreateWellKnownSidW
- DynamicLoader: KERNEL32.dll/WaitForSingleObject
- DynamicLoader: KERNEL32.dll/OpenMutex
- DynamicLoader: KERNEL32.dll/OpenMutexW
- DynamicLoader: KERNEL32.dll/OpenProcess
- DynamicLoader: KERNEL32.dll/OpenProcessW
- DynamicLoader: KERNEL32.dll/GetProcessTimes
- DynamicLoader: KERNEL32.dll/GetProcessTimesW
- DynamicLoader: ws2\_32.dll/inet\_addr
- DynamicLoader: ws2\_32.dll/setsockopt
- DynamicLoader: ws2\_32.dll/bind
- DynamicLoader: ws2\_32.dll/WSAIoctl
- DynamicLoader: USER32.dll/WaitMessage
- DynamicLoader: ws2\_32.dll/WSAGetOverlappedResult
- DynamicLoader: KERNEL32.dll/FormatMessage
- DynamicLoader: KERNEL32.dll/FormatMessageW
- DynamicLoader: ole32.dll/CoUninitialize
- DynamicLoader: KERNEL32.dll/SetThreadExecutionState
- DynamicLoader: VERSION.dll/GetFileVersionInfoSizeW
- DynamicLoader: VERSION.dll/GetFileVersionInfoW
- DynamicLoader: VERSION.dll/VerQueryValueW
- DynamicLoader: kernel32.dll/SortGetHandle
- DynamicLoader: kernel32.dll/SortCloseHandle
- DynamicLoader: CRYPTBASE.dll/SystemFunction036
- DynamicLoader: uxtheme.dll/ThemeInitApiHook
- DynamicLoader: USER32.dll/IsProcessDPIAware
- DynamicLoader: sechost.dll/LookupAccountNameLocalW
- DynamicLoader: ADVAPI32.dll/LookupAccountSidW
- DynamicLoader: sechost.dll/LookupAccountSidLocalW
- DynamicLoader: SspiCli.dll/GetUserNameExW

A process attempted to delay the analysis task.

- Process: dgrate.exe tried to sleep 660 seconds, actually delayed analysis time by 0 seconds

Guard pages use detected - possible anti-debugging.


Creates RWX memory

Attempts to connect to a dead IP:Port (1 unique times)

- IP: 79.134.225.111:4132 (Switzerland)

SetUnhandledExceptionFilter detected (possible anti-debug)

## 1 Host(s) detected

IP Address	Hostname	Reverse DNS
79.134.225.111 		

## 1 Countr(y|ies) detected

Hosts	Country
1	Switzerland 