



CLEAN
Valkyrie Final Verdict

File Name: PQACQWRECMYCOcaTgH.exe.xBAD
File Type: PE32 executable (GUI) Intel 80386, for MS Windows
SHA1: ecd328e049e23c9a826505335c0e2b9f64e7ec5e
MD5: 6cf9a0d989715773d49d5ff3ad601db3
First Seen Date: 2016-01-12 11:05:04 UTC
Number of Clients Seen: 12
Last Analysis Date: 2016-01-25 13:29:23 UTC
Human Expert Analysis Result: No human expert analysis verdict given to this sample yet.
Verdict Source: Signature Based Detection

Analysis Summary

ANALYSIS TYPE	DATE	VERDICT
Signature Based Detection	2016-01-25 13:29:23 UTC	Clean 
Static Analysis Overall Verdict	2016-01-25 13:29:23 UTC	Highly Suspicious 
Dynamic Analysis Overall Verdict	2016-01-25 13:29:23 UTC	No Threat Found 
File Certificate Validation		Certificate Not Valid, Vendor name Valid 

Static Analysis

STATIC ANALYSIS OVERALL VERDICT	RESULT
Highly Suspicious	

DETECTOR	RESULT
Optional Header LoaderFlags field is valued illegal	Clean 
Non-ascii or empty section names detected	Clean 
Illegal size of optional Header	Clean 
Optional Header NumberOfRvaAndSizes field is valued illegal	Clean 
Based on the sections entropy check! file is possibly packed	Clean 
Timestamp value suspicious	Clean 
Header Checksum is zero!	Clean 
Entry point is outside the 1st(.code) section! Binary is possibly packed	Clean 
Packer detection on signature database	Unknown 
Anti-vm present	Clean 
The Size Of Raw data is valued illegal! Binary might crash your disassembler/debugger	Clean 
TLS callback functions array detected	Clean 

▼ Anti-debug calls

-  TerminateProcess
-  Process32FirstW
-  Process32NextW
-  OutputDebugStringW
-  IsDebuggerPresent
-  UnhandledExceptionFilter

- FindWindowExW
- FindWindowW
- GetWindowThreadProcessId

Dynamic Analysis

DYNAMIC ANALYSIS OVERALL VERDICT	RESULT
No Threat Found	

SUSPICIOUS BEHAVIORS	
Opens a file in a system directory	
Uses a function clandestinely	
Has no visible windows	

Behavioral Information

LoadLibrary	
msctf.dll MsftEdit.dll C:\Windows\system32\EhStorShell.dll comctl32.dll prosys.dll IMM32.dll CRYPTBASE.dll USER32.dll C:\Windows\system32\ntshrui.dll C:\Windows\System32\imageres.dll ole32.dll OLEAUT32.DLL SHELL32.dll API-MS-Win-Core-LocalRegistry-L1-1-0.dll C:\Windows\system32\mssvp.dll C:\msfte.dll C:\Windows\system32\xmlite.dll PROPSYS.dll c:\windows\system32\imageres.dll C:\msTracer.dll ntdll.dll DUser.dll ADVAPI32.dll C:\Windows\System32\davclnt.dll srvcli.dll dwmapi.dll uxtheme.dll api-ms-win-downlevel-shlwapi-l2-1-0.dll API-MS-Win-Security-LSALookup-L1-1-0.dll shell32.dll kernel32.dll C:\Windows\System32\ntlanman.dll netutils.dll C:\Windows\system32\VBBoxMRXNP.dll WindowsCodecs.dll API-MS-Win-Security-SDDL-L1-1-0.dll WINTRUST.dll C:\Windows\system32\networkexplorer.dll C:\Windows\System32\drprov.dll cscapi.dll OLEAUT32.dll UxTheme.dll Comctl32.dll msls31.dll RPCRT4.dll C:\Windows\system32\DUser.dll C:\Windows\syswow64\MSCTF.dll ntmarta.dll user32.dll slc.dll	

explorerframe.dll
C:\Windows\system32\imageres.dll
C:\Windows\System32\ShellStyle.dll
C:\Windows\system32\ole32.dll

LowerChar

.library-ms
a

ReadRegistryKey

Plane4
Plane8
DataFilePath
Plane2
Plane11
Plane15
Plane3
PreventIndexingOfflineFiles
<NULL>
Plane7
Plane10
Plane14
Disable
SwapMouseButtons
Plane6
Plane13
Plane5
Plane9
Plane12
Plane1
Plane16

CreateFile

C:\Users\win7\AppData\Roaming\Microsoft\Windows\Recent\desktop.ini
C:\Users\desktop.ini
C:\Users\win7\Favorites\desktop.ini
C:\Users\win7\AppData\Roaming\Microsoft\Windows\Libraries\Videos.library-ms
C:\Users\Public\Documents\My Videos\desktop.ini
C:\Users\win7\Documents\My Music\desktop.ini
\\?\C:\Windows\system32\mssvp.dll
C:\Users\win7\Documents
C:\Windows\Fonts\staticcache.dat
\\.\PIPE\wkssvc
C:\Users\Public\Desktop
\\.\PIPE\svsdc
C:\Users\Public\Videos\desktop.ini
C:\Users\win7\Documents\My Pictures\desktop.ini
C:\Users\win7\AppData\Roaming\Microsoft\desktop.ini
C:\Users\win7\AppData\Roaming\Microsoft\Windows\Libraries\Music.library-ms
C:\Users\Public
C:\Users\win7\Videos\desktop.ini
\\.\PIPE\DAV RPC SERVICE
C:\Users\Public\Documents\My Pictures\desktop.ini
\\.\VBoxGuest
\\?\C:\Windows\system32\EhStorShell.dll
C:\Users\win7\AppData\Roaming\Microsoft\Windows
\\.\VBoxMiniRdrDN
C:\Users\win7\Desktop
C:\Users\win7\Downloads\desktop.ini
C:\Users
C:\Users\win7\AppData\Roaming\Microsoft\Windows\Libraries\Pictures.library-ms
C:\Users\win7
C:\Users\win7\Links\desktop.ini
C:\Users\win7\Links
C:\Users\win7\AppData\Roaming\Microsoft\Windows\Network Shortcuts
C:\Users\win7\Documents\My Videos\desktop.ini
C:\Users\win7\AppData\Roaming\Microsoft

C:\Users\win7\AppData
C:\Windows\system32\rsaenh.dll
C:\Users\win7\AppData\Roaming
\\?\C:\Windows\system32\NetworkExplorer.dll
C:\Users\win7\Links\Downloads.Ink
C:\Users\win7\AppData\Roaming\Microsoft\Windows\Network Shortcuts\desktop.ini
C:\Users\win7\Links\RecentPlaces.Ink
C:\Users\Public\Documents\My Music\desktop.ini
C:\Users\win7\AppData\Local\Microsoft\Windows\Caches\{AFBF9F1A-8EE8-4C77-AF34-C647E37CA0D9}.1.ver0x0000000000000008.db
C:\
C:\Users\win7\AppData\Roaming\Microsoft\Windows\Libraries
C:\Users\win7\AppData\Local\Microsoft\Windows\Caches\cversions.1.db
\\?\C:\Windows\system32\ntshrui.dll
C:\Users\win7\Links\Desktop.Ink
C:\Users\win7\AppData\Roaming\Microsoft\Windows\Libraries\Documents.library-ms
C:\Users\Public\Documents

OpenRegistryKey

SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback
SOFTWARE\Microsoft\Windows NT\CurrentVersion\FontLink\SystemLink
Software\Microsoft\Windows\CurrentVersion\PropertySystem\PropertyHandlers\library-ms
Segoe UI
Software\Microsoft\Windows\CurrentVersion\Explorer\KindMap
SOFTWARE\Microsoft\Windows\Windows Search\Preferences
SOFTWARE\Policies\Microsoft\Windows\Windows Search
Software\AutoIt v3\AutoIt
Marlett
System
Tahoma
Software\Microsoft\Windows\CurrentVersion\PropertySystem\PropertyHandlers\ini
Software\Microsoft\Windows Search
Control Panel\Mouse
SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\DataStore_V1.0

CreateMutex

Local\Shell.CMruPidList
Local\SHResolveLibrary:C:/Users/win7/AppData/Roaming/Microsoft/Windows/Libraries/Documents.library-ms
<NULL>

OpenMutex

Local\MSCTF.Asm.MutexDefault1
DefaultTabtip-MainUI

QueryFilePath

C:\sample
C:\Windows\syswow64\SHELL32.dll
C:\Windows\system32\EhStorShell.dll
C:\Windows\system32\ntshrui.dll
C:\Windows\system32\explorerframe.dll
C:\Windows\system32\MsftEdit.dll
C:\Windows\syswow64\MSCTF.dll
C:\Windows\system32\PROPSYS.dll
C:\Windows\syswow64\USER32.dll
C:\Windows\system32\ieframe.DLL
C:\Windows\syswow64\shlwapi.DLL
C:\Windows\system32\DUser.dll
C:\Windows\syswow64\COMDLG32.dll
C:\Windows\system32\SearchFolder.dll

No Detector Result Received

Advance Heuristics

No Advanced Heuristic Analysis Result Received

Additional File Information

Vendor Validation - Verified

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Status

Valid

Certificate Validation -

Status	undefined ✖
Start Date	2009-03-18 11:00:00
End Date	2028-01-28 12:00:00
Sha256	undefined
Serial	undefined
Subject Key Identifier	undefined
Issuer Name	undefined
Issuer Key Identifier	undefined
Crl link	undefined
Key Usage	undefined
Extended Usage	undefined

[+] undefined

Status	undefined ✖
Start Date	2009-12-21 09:32:56
End Date	2020-12-22 09:32:56
Sha256	undefined
Serial	undefined
Subject Key Identifier	undefined
Issuer Name	undefined
Issuer Key Identifier	undefined
Crl link	undefined
Key Usage	undefined
Extended Usage	undefined

[+] undefined

Status	undefined ✖
Start Date	2011-05-25 09:43:07
End Date	2014-05-25 09:43:05
Sha256	undefined
Serial	undefined
Subject Key Identifier	undefined
Issuer Name	undefined
Issuer Key Identifier	undefined
Crl link	undefined
Key Usage	undefined
Extended Usage	undefined

[+] undefined

Status	undefined ✖
Start Date	2004-01-22 10:00:00
End Date	2017-01-27 10:00:00
Sha256	undefined
Serial	undefined
Subject Key Identifier	undefined
Issuer Name	undefined
Issuer Key Identifier	undefined
Crl link	undefined
Key Usage	undefined
Extended Usage	undefined

 PE Headers



PROPERTY	VALUE
Compilation Time Stamp	0x4EF45F13 [Fri Dec 23 10:59:31 2011 UTC]
Entry Point	0x4164e1 (.text)
File Size	750320
Machine Type	Intel 386 or later - 32Bit
Legal Copyright	\xa91999-2011 Jonathan Bennett & Autolt Team
Internal Name	Autolt3.exe
File Version	3, 3, 8, 0
Company Name	Autolt Team
Comments	http://www.autoitscript.com/autoit3/
Product Name	Autolt v3 Script
Product Version	3, 3, 8, 0
File Description	Autolt v3 Script
Original Filename	Autolt3.exe
Translation	0x0809 0x04b0
Mime Type	application/x-dosexec
Number Of Sections	5
Sha256	0984d3bc6ce07e701241aa785fa057e8bba7eb2503a5bef726a06a8bd2d2f349

 File Paths



FILE PATH ON CLIENT	SEEN COUNT
ecd328e049e23c9a826505335c0e2b9f64e7ec5e	1

 PE Sections



NAME	VIRTUAL ADDRESS	VIRTUAL SIZE	RAW SIZE	ENTROPY	MD5
.text	0x1000	0x805d8	0x80600	6.686522	-
.rdata	0x82000	0xdfa8	0xe000	4.797287	-
.data	0x90000	0x1a758	0x6800	2.154233	-
.rsrc	0xab000	0x18a9c	0x18c00	7.345484[SUSPICIOUS]	-
.reloc	0xc4000	0x758a	0x7600	6.241861	-