# Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 220, Task ID: 879

Task ID: 879 Risk Level: 6

Date Processed: 2016-04-28 13:11:42 (UTC)

Processing Time: 61.09 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\73436a46a1039a7ac3ebea9d667a1b8c.exe"

Sample ID: 220 Type: basic Owner: admin

Label: 73436a46a1039a7ac3ebea9d667a1b8c

Date Added: 2016-04-28 12:45:12 (UTC)

File Type: PE32:win32:gui File Size: 49376 bytes

MD5: 73436a46a1039a7ac3ebea9d667a1b8c

SHA256: 304d95b13eedd47bd468a99b3db8312b25d4f0f37941345e26daa8e99e477172

Description: None

### Pattern Matching Results

2 PE: Nonstandard section

6 Renames file on boot

5 Creates process in suspicious location

4 Packer: NSIS [Nullsoft Scriptable Install System]

#### Static Events

Anomaly: PE: Contains a virtual section

Anomaly: PE: Contains one or more non-standard sections

### Process/Thread Events

Creates process: C:\WINDOWS\Temp\73436a46a1039a7ac3ebea9d667a1b8c.exe

["c:\windows\temp\73436a46a1039a7ac3ebea9d667a1b8c.exe" ]

Creates process: C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au\_.exe
["C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au\_.exe" \_\_?=c:\windows\temp\]

Terminates process: C:\WINDOWS\Temp\73436a46a1039a7ac3ebea9d667a1b8c.exe

## Named Object Events

Creates mutex: \BaseNamedObjects\CTF.LBES.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.Compart.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.Asm.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.Layouts.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.TMD.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.TimListCache.FMPDefaultS-1-5-21-1757981266-

507921405-1957994488-1003MUTEX.DefaultS-1-5-21-1757981266-507921405-1957994488-1003

Creates mutex: \BaseNamedObjects\MSCTF.Shared.MUTEX.AOG
Creates mutex: \BaseNamedObjects\MSCTF.Shared.MUTEX.AAB

Creates event: \BaseNamedObjects\MSCTF.SendReceive.Event.AAB.IC

Creates event: \BaseNamedObjects\MSCTF.SendReceiveConection.Event.AAB.IC
Creates semaphore: \BaseNamedObjects\shell.{A48F1A32-A340-11D1-BC6B-00A0C90312E1}
Creates semaphore: \BaseNamedObjects\shell.{7CB834F0-527B-11D2-9D1F-0000F805CA57}

### File System Events

Creates: C:\DOCUME~1\Admin\LOCALS~1\Temp\

Creates: C:\Documents and Settings\Admin\Local Settings\Temp\nsx1.tmp
Creates: C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp
Creates: C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\creates:

Creates: C:\Documents and Settings\Admin\Local Settings\Temp\nsn2.tmp

Creates: C:\Documents and Settings\Admin\Local Settings\Temp\nsn2.tmp

Opens: C:\WINDOWS\Prefetch\73436A46A1039A7AC3EBEA9D667A1-152F407C.pf

Opens: C:\Documents and Settings\Admin

Opens: C:\WINDOWS\WinSxS\x86\_Microsoft.Windows.Common-

Controls\_6595b64144ccf1df\_6.0.2600.5512\_x-ww\_35d4ce83

```
C:\WINDOWS\WinSxS\x86_Microsoft.Windows.Common-
 Opens:
Controls_6595b64144ccf1df_6.0.2600.5512_x-ww_35d4ce83\comctl32.dll
                          C:\WINDOWS\system32\imm32.dll
 Opens:
                          C:\WINDOWS\system32\shell32.dll
 Opens:
                          C:\WINDOWS\system32\SHELL32.dll.124.Manifest
 Opens:
                          C:\WINDOWS\system32\SHELL32.dll.124.Config
 Opens:
                          C:\WINDOWS\WindowsShell.Manifest
 Opens:
                          C:\WINDOWS\WindowsShell.Config
 Opens:
                          C:\WINDOWS\system32\rpcss.dll
 Opens:
                          C:\WINDOWS\system32\MSCTF.dll
 Opens:
                          C:\WINDOWS\system32\shfolder.dll
 Opens:
                          C:\WINDOWS\system32\setupapi.dll
 Opens:
                          C:\
 Opens:
                          C:\Documents and Settings
 Opens:
                          C:\Documents and Settings\Admin\Local Settings\Temp\nsx1.tmp
 Opens:
                          C:\WINDOWS\Temp\8ea492a3-6d9b-4bdd-80ee-ef49f86cc074
 Opens:
                          C:\WINDOWS\Temp\73436a46a1039a7ac3ebea9d667a1b8c.exe
 Opens:
                          C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au\_.exe
 Opens:
                          C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe
 Opens:
                          C:\WINDOWS\system32\apphelp.dll
                          C:\WINDOWS\AppPatch\sysmain.sdb
 Opens:
 Opens:
                          C:\WINDOWS\AppPatch\systest.sdb
 Opens:
                          C:\Documents and Settings\Admin\Local Settings
 Opens:
                          C:\Documents and Settings\Admin\Local Settings\Temp
 Opens:
                          \label{locals-1} C: \DOCUME \sim 1 \land Admin \land LOCALS \sim 1 \land Temp \land au\_. exe. Manifest
 Opens:
                           C:\DOCUME~1\Admin\LOCALS~1\Temp\nsu.tmp\Au\_.exe.Config \\
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Bu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Cu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Du_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Eu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Fu\_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Gu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Hu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Iu_.exe
 Opens:
                          C:\WINDOWS\Prefetch\AU_.EXE-34E9686B.pf
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Ju\_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Ku_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Lu_.exe
                          \label{locals-1} $$C:\DOCUME~1\Admin\LOCALS~1\Temp\-nsu.tmp\Mu\_.exe$
 Opens:
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Nu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Ou_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Pu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Qu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Ru_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Su_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Tu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Uu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Vu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Wu_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Xu\_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Yu_.exe
 Opens:
                          \label{locals-1} C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Zu\_.exe
 Opens:
                          C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp
                          C:\Documents and Settings\Admin\Local Settings\Temp\nsn2.tmp
 Opens:
 Opens:
                          C:\WINDOWS
 Opens:
                          C:\WINDOWS\system32\MSCTFIME.IME
 Opens:
                          C:\WINDOWS\system32\uxtheme.dll
                          C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe
 Writes to:
 Reads from:
                          C:\WINDOWS\Temp\73436a46a1039a7ac3ebea9d667a1b8c.exe
 Reads from:
                          C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe
 Deletes:
                          C:\Documents and Settings\Admin\Local Settings\Temp\nsx1.tmp
                          C:\Documents and Settings\Admin\Local Settings\Temp\nsn2.tmp
```

### Windows Registry Events

Creates key:

 $\label{lem:hkcu} HKCU software \microsoft \windows \current version \explorer \mountpoints 2 \f90255c2-6bc4-11e3-9fc7-806d6172696f \end{center} \\$ 

Creates key: HKLM\system\currentcontrol\session manager

Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\73436a46a1039a7ac3ebea9d667a1b8c.exe

Opens key: HKLM\system\currentcontrolset\control\terminal server

Opens key:

HKLM\software\microsoft\windows\currentversion\sidebyside\assemblystorageroots HKLM\system\currentcontrolset\control\safeboot\option Opens key: Opens key: HKLM\software\policies\microsoft\windows\safer\codeidentifiers Opens key: HKCU\software\policies\microsoft\windows\safer\codeidentifiers Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\gdi32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\user32.dll Opens key: HKLM\system\currentcontrolset\control\session manager Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\imm32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\ntdll.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\kernel32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\secur32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\rpcrt4.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\advapi32.dll HKLM\software\microsoft\windows nt\currentversion\image file execution Opens key: options\msvcrt.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\shlwapi.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\shell32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\comctl32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\ole32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\version.dll Opens key: HKLM\system\currentcontrolset\control\error message instrument\ Opens key: HKLM\system\currentcontrolset\control\error message instrument Opens key: HKLM\software\microsoft\windows nt\currentversion\gre initialize Opens key: HKLM\software\microsoft\windows nt\currentversion\compatibility32 Opens key: HKLM\software\microsoft\windows nt\currentversion\ime compatibility HKLM\software\microsoft\windows nt\currentversion\windows Opens key: Opens key: HKLM\software\microsoft\windows nt\currentversion\winlogon Opens key: HKLM\ Opens key: HKLM\software\microsoft\windows nt\currentversion\diagnostics Opens key: HKLM\software\microsoft\windows\currentversion\explorer\performance Opens kev: HKLM\system\setup Opens key: HKCU\ Opens key: HKCU\software\policies\microsoft\control panel\desktop Opens key: HKCU\control panel\desktop Opens key: HKCU\software\microsoft\windows\currentversion\explorer\advanced Opens key: HKLM\software\microsoft\windows nt\currentversion\languagepack Opens key: HKLM\software\microsoft\ole Opens key: HKCR\interface HKCR\interface\{00020400-0000-0000-c000-00000000046} Opens key: Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\msctf.dll Opens key: HKLM\software\microsoft\ctf\compatibility\73436a46a1039a7ac3ebea9d667a1b8c.exe Opens key: HKLM\software\microsoft\ctf\systemshared\ Opens key: HKCU\keyboard layout\toggle Opens key: HKLM\software\microsoft\ctf\ Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\shfolder.dll Opens key: HKLM\software\microsoft\windows\currentversion\policies\explorer Opens key: HKCU\software\microsoft\windows\currentversion\policies\explorer Opens key: HKLM\software\microsoft\windows\currentversion\shellcompatibility\applications\73436a46a1039a7ac3ebea9d667a1b8c.exe Opens kev: HKLM\software\microsoft\windows\currentversion\shellcompatibility\objects\{20d04fe0-3aea-1069a2d8-08002b30309d} Opens kev: HKCU\software\classes\ Opens key: HKCU\software\classes\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\inprocserver32 Opens key: HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\inprocserver32 HKLM\software\microsoft\windows nt\currentversion\image file execution Opens key:

options\setupapi.dll

HKLM\system\currentcontrolset\control\minint Opens key: Opens key: HKLM\system\wpa\pnp Opens key: HKLM\software\microsoft\windows\currentversion\setup HKLM\software\microsoft\windows\currentversion Opens key: Opens key: HKLM\software\microsoft\windows\currentversion\setup\apploglevels Opens key: HKLM\system\currentcontrolset\control\computername\activecomputername Opens key: HKLM\system\currentcontrolset\services\tcpip\parameters Opens key: HKLM\software\policies\microsoft\system\dnsclient Opens key: HKLM\software\microsoft\rpc\pagedbuffers Opens key: HKLM\software\microsoft\rpc Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\73436a46a1039a7ac3ebea9d667a1b8c.exe\rpcthreadpoolthrottle HKLM\software\policies\microsoft\windows nt\rpc Opens key: Opens key: HKLM\system\currentcontrolset\control\computername Opens key:  $\label{lem:hkcu} \begin{tabular}{ll} HKCU \software \mbox{$m$icrosoft \windows \current version \explorer \mbox{$m$ountpoints 2 \cpc \volume} \end{tabular} \label{lem:hkcu}$ Opens key:  $HKCU \ software \ microsoft \ windows \ current version \ explorer \ mountpoints 2 \ cpc \ volume \ \{f90255c2-6bc4-f9025f2, factorized \ for the control of the control o$ 11e3-9fc7-806d6172696f}\ Opens key: HKCU\software\classes\drive\shellex\folderextensions HKCR\drive\shellex\folderextensions Opens key: HKCU\software\classes\drive\shellex\folderextensions\{fbeb8a05-beee-Opens key: 4442-804e-409d6c4515e9} HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-Opens key: 409d6c4515e9} HKCU\software\classes\directory Opens key: Opens key: HKCR\directory Opens key: HKCU\software\classes\directory\curver Opens key: HKCR\directory\curver Opens key: HKCR\directory\ Opens key: HKCU\software\microsoft\windows\currentversion\explorer Opens key: HKCU\software\microsoft\windows\currentversion\explorer\ Opens key: HKCU\software\microsoft\windows\currentversion\policies\system Opens key: HKCU\software\classes\directory\shellex\iconhandler Opens key: HKCR\directory\shellex\iconhandler Opens key: HKCU\software\classes\directory\clsid Opens key: HKCR\directory\clsid Opens key: HKCU\software\classes\folder HKCR\folder Opens key: Opens key: HKCU\software\classes\folder\clsid Opens key: HKCR\folder\clsid Opens key: HKLM\system\currentcontrolset\control\session manager\appcertdlls Opens key: HKLM\system\currentcontrolset\control\session manager\appcompatibility Opens kev: HKLM\software\microsoft\windows nt\currentversion\image file execution options\apphelp.dll Opens key: HKLM\system\wpa\tabletpc Opens key: HKLM\system\wpa\mediacenter Opens key: HKLM\software\microsoft\windows nt\currentversion\appcompatflags\layers Opens key: HKCU\software\microsoft\windows nt\currentversion\appcompatflags\layers Opens key: HKLM\software\microsoft\windows nt\currentversion\appcompatflags\custom\au\_.exe HKLM\software\policies\microsoft\windows\safer\levelobjects Opens key: Opens key: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\paths Opens key: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\paths\{dda3f824-d8cb-441b-834dbe2efd2c1a33} Opens key: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes Opens key: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89edd5fbde1328} Opens kev: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{7fb9cd2e-3076-4df9-a57bb813f72dbb91} Opens key: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{81d1fe15-dd9d-4762-b16d-7c29ddecae3f} Opens kev: -HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{94e3e076-8f53-42a5-8411 085bcc18a68d}

Opens key:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{dc971ee5-44eb-4fe4-ae2e-

b91490411bfc} Opens kev:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\urlzones

Opens key:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\4096\paths
 Opens key:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\4096\hashes
 Opens kev:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\4096\urlzones
Opens key:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\65536\paths
 Opens kev:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\65536\hashes
Opens key:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\65536\urlzones
Opens kev:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\131072\paths
Opens key:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\131072\hashes
 Opens key:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\131072\urlzones
 Opens key:

 $\label{lem:hklm} HKLM\software\policies\microsoft\windows\safer\codeidentifiers\262144\paths \\ Opens\ key:$ 

 $\label{lem:hklm} HKLM \software \policies \microsoft \windows \safer \code identifiers \gamma 262144 \hashes Opens key:$ 

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\262144\urlzones

Opens key: HKCU\software\policies\microsoft\windows\safer\codeidentifiers\0\paths
Opens key: HKCU\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes

Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\0\urlzones
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\4096\paths
Opens kev:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\4096\hashes
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\4096\urlzones
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\65536\paths
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\65536\hashes
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\65536\urlzones
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\131072\paths
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\131072\hashes
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\131072\urlzones
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\262144\paths
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\262144\hashes
 Opens key:

HKCU\software\policies\microsoft\windows\safer\codeidentifiers\262144\urlzones

Opens key: HKCU\software\microsoft\windows\currentversion\explorer\shell folders
Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\au\_.exe

Opens key: HKLM\software\microsoft\ctf\compatibility\au\_.exe

Opens key:

 $\label{prop:linear_hamiltonian} HKLM \software \mbox{\sc microsoft \windows \c urrent version \shell compatibility \applications \au_.exe}$ 

Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\au\_.exe\rpcthreadpoolthrottle

Opens key: HKLM\software\microsoft\windows nt\currentversion\imm

Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\msctfime.ime

Opens key: HKCU\software\microsoft\ctf

Opens key: HKLM\software\microsoft\ctf\systemshared

Opens key:  $\hspace{1.5cm} \hspace{0.5cm} \hspace{0.5cm$ 

options\uxtheme.dll

Opens key: HKCU\software\microsoft\windows\currentversion\thememanager

Opens key: HKCU\software\microsoft\ctf\langbaraddin\
Opens key: HKLM\software\microsoft\ctf\langbaraddin\

Queries value: HKLM\system\currentcontrolset\control\terminal server[tsappcompat]

Queries value:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers[transparentenabled]

Queries value: HKLM\system\currentcontrolset\control\session manager[safedllsearchmode]

```
Queries value:
                          HKLM\software\microsoft\windows
nt\currentversion\gre_initialize[disablemetafiles]
 Queries value:
                          HKLM\software\microsoft\windows
nt\currentversion\compatibility32[73436a46a1039a7ac3ebea9d667a1b8c]
                          HKLM\software\microsoft\windows nt\currentversion\ime
 Oueries value:
compatibility[73436a46a1039a7ac3ebea9d667a1b8c]
 Queries value:
                          HKLM\software\microsoft\windows nt\currentversion\windows[appinit_dlls]
 Oueries value:
                          HKLM\software\microsoft\windows nt\currentversion\winlogon[leaktrack]
 Oueries value:
                          HKLM\system\setup[systemsetupinprogress]
 Queries value:
                          HKCU\control panel\desktop[multiuilanguageid]
 Queries value:
                          HKCU\control panel\desktop[smoothscroll]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[enableballoontips]
 Queries value:
                          HKLM\system\currentcontrolset\control\session
manager[criticalsectiontimeout]
 Queries value:
                          HKLM\software\microsoft\ole[rwlockresourcetimeout]
 Queries value:
                          HKCR\interface[interfacehelperdisableall]
 Queries value:
                          HKCR\interface[interfacehelperdisableallforole32]
 Queries value:
                          HKCR\interface[interfacehelperdisabletypelib]
 Queries value:
                          HKCR\interface\{00020400-0000-0000-c000-
00000000046}[interfacehelperdisableall]
                          HKCR\interface\{00020400-0000-0000-c000-
 Oueries value:
00000000046}[interfacehelperdisableallforole32]
                          HKLM\software\microsoft\ctf\systemshared[cuas]
 Queries value:
 Queries value:
                          HKCU\keyboard layout\toggle[language hotkey]
 Queries value:
                          HKCU\keyboard layout\toggle[hotkey]
 Queries value:
                          HKCU\keyboard layout\toggle[layout hotkey]
 Queries value:
                          HKLM\software\microsoft\ctf[enableanchorcontext]
 Queries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nonethood]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nopropertiesmycomputer]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nointerneticon]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nocommongroups]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nocontrolpanel]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nosetfolders]
                          HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\inprocserver32[]
 Oueries value:
 Queries value:
                          HKLM\system\wpa\pnp[seed]
 Queries value:
                          HKLM\system\setup[osloaderpath]
 Oueries value:
                          HKLM\system\setup[systempartition]
                          HKLM\software\microsoft\windows\currentversion\setup[sourcepath]
 Queries value:
 Queries value:
HKLM\software\microsoft\windows\currentversion\setup[servicepacksourcepath]
 Oueries value:
HKLM\software\microsoft\windows\currentversion\setup[servicepackcachepath]
                          HKLM\software\microsoft\windows\currentversion\setup[drivercachepath]
 Queries value:
 Queries value:
                          HKLM\software\microsoft\windows\currentversion[devicepath]
 Queries value:
                          HKLM\software\microsoft\windows\currentversion\setup[loglevel]
 Queries value:
                         HKLM\software\microsoft\windows\currentversion\setup[logpath]
 Queries value:
HKLM\system\currentcontrolset\control\computername\activecomputername[computername]
                          HKLM\system\currentcontrolset\services\tcpip\parameters[hostname]
 Queries value:
                          HKLM\system\currentcontrolset\services\tcpip\parameters[domain]
 Oueries value:
 Queries value:
                          HKLM\software\microsoft\rpc[maxrpcsize]
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume\{f90255c2-6bc4-
11e3-9fc7-806d6172696f}[data]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume\{f90255c2-6bc4-
11e3-9fc7-806d6172696f}[generation]
                          HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-
 Queries value:
409d6c4515e9}[drivemask]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[dontshowsuperhidden]
```

Queries value: HKCU\software\microsoft\windows\currentversion\explorer[shellstate]

Queries value:

Queries value

HKCU\software\microsoft\windows\currentversion\policies\explorer[noactivedesktop]

Queries value:

```
HKCU\software\microsoft\windows\currentversion\policies\explorer[nowebview]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[classicshell]
 Queries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[separateprocess]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nonetcrawling]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nosimplestartmenu]
 Queries value:
                          HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidden]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showcompcolor]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidefileext]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[dontprettypath]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showinfotip]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[hideicons]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[mapnetdrvbtn]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[webview]
 Queries value:
                          HKCU\software\microsoft\windows\currentversion\explorer\advanced[filter]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showsuperhidden]
HKCU\software\microsoft\windows\currentversion\explorer\advanced[separateprocess]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[nonetcrawling]
 Queries value:
                          HKCR\directory[docobject]
                          HKCR\directory[browseinplace]
 Oueries value:
 Queries value:
                          HKCR\directory[isshortcut]
 Queries value:
                          HKCR\directory[alwaysshowext]
 Queries value:
                          HKCR\directory[nevershowext]
 Queries value:
                          HKLM\system\currentcontrolset\control\session
manager[pendingfilerenameoperations2]
                         HKLM\system\currentcontrolset\control\session
 Queries value:
manager[pendingfilerenameoperations]
 Queries value:
                          HKLM\system\currentcontrolset\control\session
manager[safeprocesssearchmode]
 Oueries value:
                          HKLM\system\currentcontrolset\control\session
manager\appcompatibility[disableappcompat]
 Queries value:
                          HKLM\system\wpa\mediacenter[installed]
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[authenticodeenabled]
 Oueries value:
                          HKLM\software\policies\microsoft\windows\safer\codeidentifiers[levels]
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\paths\{dda3f824-d8cb-441b-834d-
be2efd2c1a33}[itemdata]
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\paths\{dda3f824-d8cb-441b-834d-
be2efd2c1a33}[saferflags]
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89-
edd5fbde1328}[itemdata]
 Queries value:
-HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89
edd5fbde1328}[hashalg]
 Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89-
edd5fbde1328}[itemsize]
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89-
edd5fbde1328}[saferflags]
 Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{7fb9cd2e-3076-4df9-a57b-
b813f72dbb91}[itemdata]
 Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{7fb9cd2e-3076-4df9-a57b-
b813f72dbb91}[hashalg]
```

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{7fb9cd2e-3076-4df9-a57b-

Oueries value:

b813f72dbb91}[itemsize]

Queries value:

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{7fb9cd2e-3076-4df9-a57b-b813f72dbb91\} \ [saferflags]$ 

Oueries value:

Queries value:

Queries value:

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{81d1fe15-dd9d-4762-b16d-7c29ddecae3f\} [itemsize]$ 

Queries value:

 $HKLM \setminus software \setminus policies \setminus icrosoft \setminus ic$ 

Oueries value:

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{94e3e076-8f53-42a5-8411-085bcc18a68d\} [itemdata]$ 

Queries value:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{94e3e076-8f53-42a5-8411-085bcc18a68d}[hashalg]

Queries value:

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{94e3e076-8f53-42a5-8411-085bcc18a68d\} [itemsize]$ 

Queries value:

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{94e3e076-8f53-42a5-8411-085bcc18a68d\} \ [saferflags]$ 

Queries value:

Oueries value:

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{dc971ee5-44eb-4fe4-ae2e-b91490411bfc\} \ [hashalg]$ 

Queries value:

Queries value:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{dc971ee5-44eb-4fe4-ae2e-b91490411bfc}[saferflags]

Queries value:

 $HKLM \setminus software \setminus policies \setminus microsoft \setminus windows \setminus safer \setminus code identifiers [default level]$ 

Queries value:

 $HKLM \setminus software \setminus policies \setminus microsoft \setminus windows \setminus safer \setminus code identifiers [policy scope]$ 

Queries value: HKCU\software\microsoft\windows\currentversion\explorer\shell

folders[cache]
Queries value:

 $HKLM \setminus software \setminus policies \setminus microsoft \setminus windows \setminus safer \setminus code identifiers [log filename]$ 

Queries value: HKLM\software\microsoft\windows nt\currentversion\compatibility32[au\_]

Queries value: HKLM\software\microsoft\windows nt\currentversion\ime compatibility[au\_]

Queries value: HKLM\software\microsoft\windows nt\currentversion\imm[ime file]
Queries value: HKCU\software\microsoft\ctf[disable thread input manager]

Queries value: HKCU\software\microsoft\windows\currentversion\thememanager[compositing]

Queries value: HKCU\control panel\desktop[lamebuttontext]
Sets/Creates value: HKLM\system\currentcontrolset\control\session

manager[pendingfilerenameoperations]

Value changes: HKLM\software\microsoft\cryptography\rng[seed]

Value changes:

 $\label{thm:local-continuous} HKCU software \microsoft \windows \current version \explorer \mountpoints 2 \ \{f90255c2-6bc4-11e3-9fc7-806d6172696f\} \ [baseclass]$ 

Value changes: HKLM\system\currentcontrolset\control\session

manager[pendingfilerenameoperations]