Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details Host: mag2, Sample ID: 222, Task ID: 887

Task ID: 887 Risk Level: 6

Date Processed: 2016-04-28 13:11:46 (UTC)

Processing Time: 61.2 seconds IntelliVM Virtual Environment:

"c:\windows\temp\1abe47069c25f0f6d83ff4c1ce4f7e46.exe" **Execution Arguments:**

222 Sample ID: Type: basic admin Owner:

Label: 1abe47069c25f0f6d83ff4c1ce4f7e46

Date Added: 2016-04-28 12:45:13 (UTC)

File Type: PE32:win32:gui File Size: 58822 bytes

MD5: 1abe47069c25f0f6d83ff4c1ce4f7e46

SHA256: c2086168d14205cce8a5cb96c85862ab4bd4d7df4a3c7132ef6b3778ca4c514e

Description:

Pattern Matching Results

2 PE: Nonstandard section

5 Creates process in suspicious location

6 Renames file on boot

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

C:\WINDOWS\Temp\1abe47069c25f0f6d83ff4c1ce4f7e46.exe Creates process:

["c:\windows\temp\1abe47069c25f0f6d83ff4c1ce4f7e46.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\1abe47069c25f0f6d83ff4c1ce4f7e46.exe

Named Object Events

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

1957994488-1003

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

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

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

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

Creates mutex: \BaseNamedObjects\MSCTF.Shared.MUTEX.MPH

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\nsg1.tmp C:\Documents and Settings\Admin\Local Settings\Temp\nsa2.tmp Creates: Creates: C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe Creates:

Creates: C:\Documents and Settings\Admin\Local Settings\Temp\nsi3.tmp C:\Documents and Settings\Admin\Local Settings\Temp\nss4.tmp Creates:

C:\Documents and Settings\Admin Opens:

Opens: C:\WINDOWS\WinSxS\x86_Microsoft.Windows.Common-

Controls_6595b64144ccf1df_6.0.2600.5512_x-ww_35d4ce83

C:\WINDOWS\WinSxS\x86_Microsoft.Windows.Common-

Controls_6595b64144ccf1df_6.0.2600.5512_x-ww_35d4ce83\comctl32.dll

C:\WINDOWS\system32\imm32.dll Opens: Opens: C:\WINDOWS\system32\shell32.dll C:\WINDOWS\system32\SHELL32.dll.124.Manifest Opens: 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 C:\Documents and Settings\Admin\Local Settings\Temp\nsg1.tmp Opens: Opens: C:\WINDOWS\Temp\051d1786-1115-416b-909c-fab3e62959c0 Opens: C:\WINDOWS\Temp\1abe47069c25f0f6d83ff4c1ce4f7e46.exe Opens: C:\Documents and Settings\Admin\Local Settings\Temp Opens: C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp Opens: C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au_.exe Opens: ${\tt C:\Documents\ and\ Settings\Admin\Local\ Settings\Temp\-nsu.tmp\Au_.exe}$ Opens: C:\WINDOWS\system32\apphelp.dll Opens: C:\WINDOWS\AppPatch\sysmain.sdb Opens: C:\WINDOWS\AppPatch\systest.sdb C:\Documents and Settings\Admin\Local Settings Opens: Opens: C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au_.exe.Manifest C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au_.exe.Config Opens: Opens: C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Bu_.exe Opens: $\label{locals-1} C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Cu_.exe$ 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:\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 Opens: C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Mu_.exe Opens: C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Nu_.exe Opens: C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Ou_.exe 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: 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 $\label{locals-1} C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Yu_.exe$ Opens: $C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Zu_.exe$ Opens: Opens: $C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp$ Opens: C:\Documents and Settings\Admin\Local Settings\Temp\nsi3.tmp C:\WINDOWS Opens: Opens: C:\WINDOWS\system32\riched20.dll C:\WINDOWS\system32\MSCTFIME.IME Opens: Opens: C:\WINDOWS\system32\uxtheme.dll C:\Documents and Settings\Admin\Local Settings\Temp\nsa2.tmp Writes to: C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe Writes to: Writes to: C:\Documents and Settings\Admin\Local Settings\Temp\nss4.tmp C:\WINDOWS\Temp\1abe47069c25f0f6d83ff4c1ce4f7e46.exe Reads from: Reads from: C:\Documents and Settings\Admin\Local Settings\Temp\nsa2.tmp $\label{lem:c:def} C:\Documents\ and\ Settings\Admin\Local\ Settings\Temp\-nsu.tmp\Au_.exe$ Reads from: Reads from: C:\Documents and Settings\Admin\Local Settings\Temp\nss4.tmp Deletes: C:\Documents and Settings\Admin\Local Settings\Temp\nsg1.tmp Deletes: C:\Documents and Settings\Admin\Local Settings\Temp\nsi3.tmp

Windows Registry Events

Creates key:

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

Creates key: HKLM\system\currentcontrolset\control\session manager

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

Opens key: HKLM\system\currentcontrolset\control\terminal server Opens key: HKLM\software\microsoft\windows\currentversion\sidebyside\assemblystorageroots Opens key: HKLM\system\currentcontrolset\control\safeboot\option 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 HKLM\system\currentcontrolset\control\session manager Opens key: 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 HKLM\software\microsoft\windows nt\currentversion\image file execution Opens key: options\secur32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\rpcrt4.dll HKLM\software\microsoft\windows nt\currentversion\image file execution Opens key: options\advapi32.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution 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 HKLM\software\microsoft\windows nt\currentversion\compatibility32 Opens key: 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 HKLM\ Opens key: Opens kev: HKLM\software\microsoft\windows nt\currentversion\diagnostics Opens key: HKLM\software\microsoft\windows\currentversion\explorer\performance Opens key: HKLM\system\setup Opens key: HKCU\ Opens key: HKCU\software\policies\microsoft\control panel\desktop Opens key: HKCU\control panel\desktop Opens key: $\label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ explorer\+ advanced$ 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\1abe47069c25f0f6d83ff4c1ce4f7e46.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: $\label{lem:hkcu} \verb+KKCU \software \verb+ microsoft \verb+ windows \verb+ current version \verb+ policies \verb+ explorer+ \\$ Opens key: HKLM\software\microsoft\windows\currentversion\shellcompatibility\applications\1abe47069c25f0f6d83ff4c1ce4f7e46.exe

HKLM\software\microsoft\windows\currentversion\shellcompatibility\objects\{20d04fe0-3aea-1069-

a2d8-08002b30309d}

Opens key: HKCU\software\classes\

Opens key: HKCU\software\classes\clsid\{20d04fe0-3aea-1069-a2d8-

08002b30309d}\inprocserver32

HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\inprocserver32 Opens key:

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

options\setupapi.dll

Opens key: HKLM\system\currentcontrolset\control\minint

Opens key: HKLM\system\wpa\pnp

Opens key: HKLM\software\microsoft\windows\currentversion\setup
Opens key: HKLM\software\microsoft\windows\currentversion

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

Opens key:

HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume

Opens key:

 $HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus mountpoints 2 \setminus cpc \setminus volume \setminus \{f90255c2-6bc4-f90256c2-f9026c2-f9026c$

11e3-9fc7-806d6172696f}\

Opens key: ${\tt HKCU \setminus software \setminus classes \setminus drive \setminus shellex \setminus folder extensions}$

Opens key: HKCR\drive\shellex\folderextensions

Opens key: HKCU\software\classes\drive\shellex\folderextensions\{fbeb8a05-beee-

4442-804e-409d6c4515e9}

Opens key: HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-

409d6c4515e9}

Opens key: HKCU\software\classes\directory

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

Opens key: HKCR\folder

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 key: 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

Opens key: HKLM\software\policies\microsoft\windows\safer\levelobjects

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

Opens key:

be2efd2c1a33}

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

Opens key:

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{349d35ab-37b5-462f-9b89-edd5fbde 1328\}$

Opens key:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{7fb9cd2e-3076-4df9-a57bb813f72dbb91}

Opens kev:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{81d1fe15-dd9d-4762-b16d-7c29ddecae3f}

Opens key:

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

Opens key:

Opens key:

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 key:

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

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

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:

 $\label{lem:hklmsoftware policies microsoft windows safer code identifiers \verb|\| 131072 | urlzones Opens key: \\$

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

 $\label{lem:hklm} HKLM\software\policies\microsoft\windows\safer\codeidentifiers\codeidentifi$

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 kev:

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

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\urlzones
Opens key:

 $\label{lem:hkcu} HKCU \software \policies \microsoft \windows \safer \code identifiers \normalfont \$

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 kev:

 $\label{thm:local_hammon} HKCU \software \parbonaleq \normale \normaleq \normale \n$

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:

HKLM\software\microsoft\windows\currentversion\shellcompatibility\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\image file execution

options\riched20.dll

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

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

options\msctfime.ime

Opens key: HKCU\software\microsoft\ctf

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

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

 ${\tt options} \verb|\uxtheme.dll|$

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[1abe47069c25f0f6d83ff4c1ce4f7e46]

Queries value: HKLM\software\microsoft\windows nt\currentversion\ime

compatibility[1abe47069c25f0f6d83ff4c1ce4f7e46]

Queries value: HKLM\software\microsoft\windows nt\currentversion\windows[appinit_dlls]
Queries value: HKLM\software\microsoft\windows nt\currentversion\winlogon[leaktrack]

Queries value: HKLM\system\setup[systemsetupinprogress]
Queries value: HKCU\control panel\desktop[multiuilanguageid]
Queries value: HKCU\control panel\desktop[smoothscroll]

Queries value:

Queries value: HKLM\system\currentcontrolset\control\session

manager[criticalsectiontimeout]

Queries value: HKLM\software\microsoft\ole[rwlockresourcetimeout]

Queries value: HKCR\interface[interfacehelperdisableal1]
Queries value: HKCR\interface[interfacehelperdisableal1forole32]
Queries value: HKCR\interface[interfacehelperdisabletypelib]
Queries value: HKCR\interface\{00020400-0000-0000-c000-

00000000046}[interfacehelperdisableall]

Queries value: HKCR\interface\{00020400-0000-0000-c000-

00000000046}[interfacehelperdisableallforole32]

Queries value: HKLM\software\microsoft\ctf\systemshared[cuas]
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]

Queries value:

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

Queries value:

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

Queries value:

Queries value

Queries value:

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

Queries value: HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\inprocserver32[]

Queries value: HKLM\system\wpa\pnp[seed]
Queries value: HKLM\system\setup[osloaderpath]
Queries value: HKLM\system\setup[systempartition]

Queries value: HKLM\software\microsoft\windows\currentversion\setup[sourcepath]

Queries value:

HKLM\software\microsoft\windows\currentversion\setup[servicepacksourcepath]

Queries value:

HKLM\software\microsoft\windows\currentversion\setup[servicepackcachepath]

Queries value: HKLM\software\microsoft\windows\currentversion\setup[drivercachepath]

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]

Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[hostname]

Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[domain]

Queries value: HKLM\software\microsoft\rpc[maxrpcsize]

Oueries value:

HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume\{f90255c2-6bc4-

11e3-9fc7-806d6172696f}[data]

Queries value:

11e3-9fc7-806d6172696f}[generation]

Queries value: HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-

409d6c4515e9}[drivemask]

Queries value:

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

Queries value:

```
HKCU\software\microsoft\windows\currentversion\policies\explorer[forceactivedesktopon]
 Queries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[noactivedesktop]
 Queries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nowebview]
 Queries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[classicshell]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[separateprocess]
 Queries 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]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showcompcolor]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidefileext]
 Queries 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]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[webview]
                          \label{lem:hkcu} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \explorer \advanced [filter] \end{tabular}
 Queries value:
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showsuperhidden]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[separateprocess]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[nonetcrawling]
 Queries value:
                          HKCR\directory[docobject]
 Oueries value:
                          HKCR\directory[browseinplace]
 Queries value:
                          HKCR\directory[isshortcut]
 Oueries value:
                          HKCR\directory[alwaysshowext]
 Oueries value:
                          HKCR\directory[nevershowext]
 Queries value:
                          HKLM\system\currentcontrolset\control\session
manager[pendingfilerenameoperations2]
 Queries value:
                          HKLM\system\currentcontrolset\control\session
manager[pendingfilerenameoperations]
 Queries value:
                          HKLM\system\currentcontrolset\control\session
manager[safeprocesssearchmode]
 Queries value:
                          HKLM\system\currentcontrolset\control\session
manager\appcompatibility[disableappcompat]
                          HKLM\system\wpa\mediacenter[installed]
 Queries value:
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[authenticodeenabled]
                          HKLM\software\policies\microsoft\windows\safer\codeidentifiers[levels]
 Queries value:
 Oueries 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]
 Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89-
edd5fbde1328}[hashalg]
 Queries 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]
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{7fb9cd2e-3076-4df9-a57b-
b813f72dbb91}[itemdata]
```

Queries value:

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

Queries value:

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

Queries value:

Oueries value:

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

Queries value:

Oueries value:

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

Queries value:

 $HKLM \ software \ blicies \ icrosoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{81d1fe15-dd9d-4762-b16d-7c29ddecae3f\} \ [saferflags]$

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

 $\label{lem:hklmsoftware} HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{94e3e076-8f53-42a5-8411-085bcc18a68d}\ [saferflags]$

Oueries value:

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

Queries value:

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

Queries value:

 $HKLM \ software \ bolicies \ icrosoft \ windows \ safer \ code identifiers \ 0 \ hashes \ \{dc971ee5-44eb-4fe4-ae2e-b91490411bfc\} [itemsize]$

Queries value:

Queries value:

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

Queries value:

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

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

folders[cache] Queries value:

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

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:

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

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

manager[pendingfilerenameoperations]