Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 123, Task ID: 491

Task ID: 491 Risk Level: 6

Date Processed: 2016-04-28 13:00:27 (UTC)

Processing Time: 61.23 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\681fac5ea50ff652c30ed7e51b42e6b2.exe"

Sample ID: 123 Type: basic Owner: admin

Label: 681fac5ea50ff652c30ed7e51b42e6b2

Date Added: 2016-04-28 12:45:02 (UTC)

File Type: PE32:win32:gui File Size: 90715 bytes

MD5: 681fac5ea50ff652c30ed7e51b42e6b2

SHA256: d203ef8603a7b0cdd1fcb2e8c94a2d4f75f34cc7eed9e632cd28b10e27062137

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\681fac5ea50ff652c30ed7e51b42e6b2.exe

["c:\windows\temp\681fac5ea50ff652c30ed7e51b42e6b2.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\681fac5ea50ff652c30ed7e51b42e6b2.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.MPH
Creates mutex: \BaseNamedObjects\MSCTF.Shared.MUTEX.EKE

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

Creates event: \BaseNamedObjects\MSCTF.SendReceiveConection.Event.EKE.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\nsg1.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\nso2.tmp
Opens: C:\WINDOWS\Prefetch\681FAC5EA50FF652C30ED7E51B42E-33DA688B.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\Temp\681fac5ea50ff652c30ed7e51b42e6b2.exe
 Opens:
                         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
                         C:\WINDOWS\WindowsShell.Config
 Opens:
 Opens:
                         C:\WINDOWS\system32\rpcss.dll
 Opens:
                         C:\WINDOWS\system32\MSCTF.dll
 Opens:
                         C:\WINDOWS\system32\setupapi.dll
 Opens:
                         C:\
 Opens:
                         C:\Documents and Settings
 Opens:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsg1.tmp
 Opens:
                         C:\WINDOWS\Temp\36380c03-0edf-4b3a-8807-ac240863bccc
 Opens:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au_.exe
 Opens:
                         C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp
 Opens:
                         C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe
 Opens:
                         C:\WINDOWS\system32\apphelp.dll
 Opens:
                         C:\WINDOWS\AppPatch\sysmain.sdb
                         C:\WINDOWS\AppPatch\systest.sdb
 Opens:
                         C:\Documents and Settings\Admin\Local Settings
 Opens:
 Opens:
                         C:\Documents and Settings\Admin\Local Settings\Temp
 Opens:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au_.exe.Manifest
 Opens:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Au_.exe.Config
 Opens:
                         \label{locals-1} 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:\WINDOWS\Prefetch\AU_.EXE-34E9686B.pf
 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
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\nu\_.exe
 Opens:
 Opens:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Ou_.exe
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Pu_.exe
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 Opens:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\nsu.tmp\Qu_.exe
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                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Ru_.exe
 Opens:
                         \label{locals-locals-locals-locals-locals-locals-local} 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
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                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Wu_.exe
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                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Xu_.exe
 Opens:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Yu\_.exe
 Opens:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Zu_.exe
 Opens:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nso2.tmp
 Opens:
                         C:\WINDOWS
                         C:\WINDOWS\system32\MSCTFIME.IME
 Opens:
 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\681fac5ea50ff652c30ed7e51b42e6b2.exe
 Reads from:
                         C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe
 Deletes:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsg1.tmp
 Deletes:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nso2.tmp
Windows Registry Events
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\{f90255c2-6bc4-11e3-9fc7-
806d6172696f}\
 Creates key:
                         HKLM\system\currentcontrolset\control\session manager
 Opens key:
                         HKLM\software\microsoft\windows nt\currentversion\image file execution
options\681fac5ea50ff652c30ed7e51b42e6b2.exe
 Opens key:
                         HKLM\system\currentcontrolset\control\terminal server
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HKLM\software\microsoft\windows\currentversion\sidebyside\assemblystorageroots

HKLM\system\currentcontrolset\control\safeboot\option

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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
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Opens key: HKLM\software\microsoft\windows

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

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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

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

options\au_.exe\rpcthreadpoolthrottle

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options\msctfime.ime

Opens key: HKCU\software\microsoft\ctf

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options\uxtheme.dll

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

Opens key: HKCU\software\microsoft\ctf\langbaraddin\
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Queries value: HKLM\system\currentcontrolset\control\terminal server[tsappcompat]

Queries value:

 $HKLM \verb|\software| policies \verb|\microsoft| windows \verb|\safer| code identifiers [transparentenabled]|$

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[681fac5ea50ff652c30ed7e51b42e6b2]

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Queries value:
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compatibility[681fac5ea50ff652c30ed7e51b42e6b2]
 Queries value:
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                        HKLM\system\currentcontrolset\control\terminal server[tsuserenabled]
 Queries value:
                        HKLM\software\microsoft\windows nt\currentversion\winlogon[leaktrack]
 Queries value:
                        HKLM\system\setup[systemsetupinprogress]
 Queries value:
                        HKCU\control panel\desktop[multiuilanguageid]
 Oueries value:
                        HKCU\control panel\desktop[smoothscroll]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[enableballoontips]
                        HKLM\system\currentcontrolset\control\session
 Oueries value:
manager[criticalsectiontimeout]
                        HKLM\software\microsoft\ole[rwlockresourcetimeout]
 Oueries value:
 Queries value:
                        HKCR\interface[interfacehelperdisableall]
                        HKCR\interface[interfacehelperdisableallforole32]
 Queries value:
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 Queries value:
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00000000046}[interfacehelperdisableall]
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00000000046}[interfacehelperdisableallforole32]
                        HKLM\software\microsoft\ctf\systemshared[cuas]
 Queries value:
                        HKCU\keyboard layout\toggle[language hotkey]
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                        HKCU\keyboard layout\toggle[hotkey]
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 Queries value:
                        HKLM\software\microsoft\ctf[enableanchorcontext]
 Queries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nonethood]
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HKCU\software\microsoft\windows\currentversion\policies\explorer[nocommongroups]
 Queries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nocontrolpanel]
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HKCU\software\microsoft\windows\currentversion\policies\explorer[nosetfolders]
 Queries value:
                        HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\inprocserver32[]
 Oueries value:
                        HKLM\system\wpa\pnp[seed]
 Oueries 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]
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HKLM\software\microsoft\windows\currentversion\setup[servicepackcachepath]
 Queries value:
                        HKLM\software\microsoft\windows\currentversion\setup[drivercachepath]
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                        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:
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]
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11e3-9fc7-806d6172696f}[data]
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume\{f90255c2-6bc4-
11e3-9fc7-806d6172696f}[generation]
                        HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-
 Oueries value:
409d6c4515e9}[drivemask]
 Queries value:
HKCU \ software \ `microsoft \ 'windows \ 'current version \ 'policies \ 'explorer[dont show superhidden]
 Queries value:
                        HKCU\software\microsoft\windows\currentversion\explorer[shellstate]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[forceactivedesktopon]
 Oueries 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] HKCU\software\microsoft\windows\currentversion\policies\explorer[nonetcrawling] Oueries value: HKCU\software\microsoft\windows\currentversion\policies\explorer[nosimplestartmenu] HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidden] Oueries value: Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[showcompcolor] Queries 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] Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[mapnetdrvbtn] Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[webview] HKCU\software\microsoft\windows\currentversion\explorer\advanced[filter] Oueries value: Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[showsuperhidden] Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[separateprocess] Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[nonetcrawling] Queries value: HKCR\directory[docobject] Queries value: HKCR\directory[browseinplace] Oueries value: HKCR\directory[isshortcut] Queries value: HKCR\directory[alwaysshowext] Queries 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] HKLM\system\currentcontrolset\control\session Oueries value: manager\appcompatibility[disableappcompat] HKLM\system\wpa\mediacenter[installed] Oueries value: Oueries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers[authenticodeenabled] Queries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers[levels] Queries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\paths\{dda3f824-d8cb-441b-834dbe2efd2c1a33}[itemdata] Queries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\paths\{dda3f824-d8cb-441b-834dbe2efd2c1a33}[saferflags] Queries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89edd5fbde1328}[itemdata] Queries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89edd5fbde1328}[hashalg] Queries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89edd5fbde1328}[itemsize] Oueries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89edd5fbde1328}[saferflags]

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Oueries value:

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Oueries value:

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b813f72dbb91}[saferflags]

Queries value:

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

Oueries value:

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

Oueries value:

 $HKLM \setminus software \setminus policies \setminus irrosoft \setminus ir$

Queries value:

 $\label{thm:local-bound} $HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{81d1fe15-dd9d-4762-b16d-7c29ddecae3f}\[saferflags\]$

Queries value:

Oueries value:

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

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\codeidentifiers\0\hashes\{94e3e076-8f53-42a5-8411-085bcc18a68d}[saferflags]

Oueries value:

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

Queries value:

Queries value:

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

Oueries value:

Queries value:

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

Queries value:

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

 $\label{thm:current} Queries \ value: \\ HKCU \ software \ microsoft \ windows \ current version \ explorer \ shell \\$

folders[cache]
Oueries 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:local-continuous} HKCU \software \microsoft \windows \current version \explorer \mountpoints 2 \f 90255c2-6bc4-11e3-9fc7-806d6172696f \] [baseclass]$