Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 163, Task ID: 651

Task ID: 651 Risk Level: 6

Date Processed: 2016-04-28 13:04:50 (UTC)

Processing Time: 61.08 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\62861774521130392f1dd78dee6b276c.exe"

Sample ID: 163
Type: basic
Owner: admin

Label: 62861774521130392f1dd78dee6b276c

Date Added: 2016-04-28 12:45:07 (UTC)

File Type: PE32:win32:gui File Size: 60853 bytes

MD5: 62861774521130392f1dd78dee6b276c

SHA256: de5b7c66b138ce4932e5d50a2f17b230ae8a2f293adc5c43874c2413caa333dd

Description: None

Pattern Matching Results

2 PE: Nonstandard section

6 Renames file on boot

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\62861774521130392f1dd78dee6b276c.exe

["c:\windows\temp\62861774521130392f1dd78dee6b276c.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\62861774521130392f1dd78dee6b276c.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:

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.MK

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\nsi1.tmp
Creates: C:\Documents and Settings\Admin\Local Settings\Temp\nsc2.tmp
Creates: C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp

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

Creates: C:\Documents and Settings\Admin\Local Settings\Temp\nsu3.tmp
Creates: C:\Documents and Settings\Admin\Local Settings\Temp\nsc4.tmp
Opens: C:\WINDOWS\Prefetch\62861774521130392F1DD78DEE6B2-21E39398.pf

Opens: C:\Documents and Settings\Admin

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

Controls_6595b64144ccf1df_6.0.2600.5512_x-ww_35d4ce83

Opens: 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
 Opens:
                         C:\WINDOWS\system32\SHELL32.dll.124.Manifest
                         C:\WINDOWS\system32\SHELL32.dll.124.Config
 Opens:
                         C:\WINDOWS\WindowsShell.Manifest
 Opens:
 Opens:
                         C:\WINDOWS\WindowsShell.Config
 Opens:
                         C:\WINDOWS\system32\rpcss.dll
 Opens:
                         C:\WINDOWS\system32\MSCTF.dll
 Opens:
                         C:\WINDOWS\system32\shfolder.dll
                         C:\WINDOWS\system32\setupapi.dll
 Opens:
 Opens:
 Opens:
                         C:\Documents and Settings
 Opens:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsi1.tmp
 Opens:
                         C:\WINDOWS\Temp\a1ae6d7f-3849-4311-bea9-c5d2c089d6ed
 Opens:
                         C:\WINDOWS\Temp\62861774521130392f1dd78dee6b276c.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:
                         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:\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:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Fu_.exe
 Opens:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Gu_.exe
 Opens:
                         C:\WINDOWS\Prefetch\AU_.EXE-34E9686B.pf
 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
 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:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Zu_.exe
 Opens:
                         C: \DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp
 Opens:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsu3.tmp
 Opens:
                         C:\WINDOWS
                         C:\WINDOWS\system32\riched20.dll
 Opens:
 Opens:
                         C:\WINDOWS\system32\MSCTFIME.IME
 Opens:
                         C:\WINDOWS\system32\uxtheme.dll
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsc2.tmp
 Writes to:
 Writes to:
                         C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe
 Writes to:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsc4.tmp
 Reads from:
                         C:\WINDOWS\Temp\62861774521130392f1dd78dee6b276c.exe
 Reads from:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsc2.tmp
 Reads from:
                         C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au_.exe
                         {\tt C:\Documents\ and\ Settings\Admin\Local\ Settings\Temp\nsc4.tmp}
 Reads from:
 Deletes:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsi1.tmp
 Deletes:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsu3.tmp
```

Windows Registry Events

Creates key:

 $\label{lem:hkcu} HKCU software \microsoft \windows \current version \explorer \mountpoints 2 \f 90255c2-6bc4-11e3-9fc7-806d6172696f \end{figure}$

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

options\62861774521130392f1dd78dee6b276c.exe

Opens key: HKLM\system\currentcontrol\set\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

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

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
Opens key: HKLM\software\microsoft\windows nt\currentversion\compatibility32
Opens key: HKLM\software\microsoft\windows nt\currentversion\ime compatibility

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

Opens key: HKCR\interface\{00020400-0000-c000-000000000046}

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

options\msctf.dll

Opens key:

HKLM\software\microsoft\ctf\compatibility\62861774521130392f1dd78dee6b276c.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\62861774521130392f1dd78dee6b276c.exe
Opens kev:

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

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

Opens key:

 $\label{thm:local-condition} HKCU software \end{thm:local-condition} HKCU software \e$

Opens key: HKCU\software\classes\drive\shellex\folderextensions

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:

 $HKLM software \policies \microsoft \windows \safer \code identifiers \noindent \noin$

Opens key:

 $HKL\dot{M}\$ software \policies \microsoft \windows \safer \code identifiers \0 \hashes \{7fb9cd2e-3076-4df9-a57b-b813f72dbb91}

Opens key:

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:

```
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{dc971ee5-44eb-4fe4-ae2e-
b91490411bfc}
 Opens key:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\urlzones
 Opens kev:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\4096\paths
 Opens kev:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\4096\hashes
 Opens kev:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\4096\urlzones
 Opens kev:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\65536\paths
 Opens kev:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\65536\hashes
 Opens kev:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\65536\urlzones
 Opens key:
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:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\262144\paths
 Opens key:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\262144\hashes
 Opens kev:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers\262144\urlzones
                         HKCU\software\policies\microsoft\windows\safer\codeidentifiers\0\paths
 Opens key:
                         HKCU\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes
 Opens key:
 Opens key:
HKCU\software\policies\microsoft\windows\safer\codeidentifiers\0\urlzones
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 kev:
HKCU\software\policies\microsoft\windows\safer\codeidentifiers\262144\hashes
 Opens key:
HKCU\software\policies\microsoft\windows\safer\codeidentifiers\262144\urlzones
                         HKCU\software\microsoft\windows\currentversion\explorer\shell folders
 Opens key:
 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
                         HKLM\software\microsoft\windows nt\currentversion\image file execution
 Opens key:
options\au_.exe\rpcthreadpoolthrottle
                         HKLM\software\microsoft\windows nt\currentversion\image file execution
 Opens key:
options\riched20.dll
 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
```

HKLM\software\microsoft\ctf\systemshared

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

HKCU\software\microsoft\windows\currentversion\thememanager

Opens key:

Opens key:

options\uxtheme.dll
 Opens key:

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[62861774521130392f1dd78dee6b276c]

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

compatibility[62861774521130392f1dd78dee6b276c]

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:

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]

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

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

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:

 $\label{lem:hklm} \verb+KLM\software\microsoft\windows\currentversion\setup[servicepacksourcepath]$

Queries value:

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

 $\label{thm:constraint} Queries \ value: \\ HKLM\ software\ microsoft\ windows\ current version\ setup\ [driver cachepath]$

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]

Queries value:

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

Queries value:

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

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

409d6c4515e9}[drivemask]

Queries value:

 $HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus policies \setminus explorer [dont show superhidden]$

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] Oueries 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] Queries value: HKCU\software\microsoft\windows\currentversion\policies\explorer[nosimplestartmenu] HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidden] Queries value: Queries 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] 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] 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] HKCR\directory[browseinplace] Oueries value: Oueries value: HKCR\directory[isshortcut] Queries value: HKCR\directory[alwaysshowext] Queries value: HKCR\directory[nevershowext] Oueries value: HKLM\system\currentcontrolset\control\session manager[pendingfilerenameoperations2] HKLM\system\currentcontrolset\control\session Oueries value: manager[pendingfilerenameoperations] Queries value: HKLM\system\currentcontrolset\control\session manager[safeprocesssearchmode] HKLM\system\currentcontrolset\control\session Queries value: manager\appcompatibility[disableappcompat] Queries value: HKLM\system\wpa\mediacenter[installed] Queries value: $\label{thm:local_equation} HKLM \software \parbox{\setminus microsoft \windows \safer \code identifiers [authenticode enabled]} \\$ HKLM\software\policies\microsoft\windows\safer\codeidentifiers[levels] Queries value: 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] Oueries 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] Oueries 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]

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

Oueries value:

b813f72dbb91}[itemdata]

Queries value:

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

Oueries value:

 $HKLM \setminus software \setminus policies \setminus irrosoft \setminus safer \setminus ohashes \setminus \{7fb9cd2e-3076-4df9-a57b-b813f72dbb91\} [itemsize]$

Queries value:

 $HKLM software \verb|\policies| icrosoft \verb|\windows| safer \verb|\codeidentifiers| 0 \verb|\hashes| {7fb9cd2e-3076-4df9-a57b-b813f72dbb91} [saferflags]$

Queries value:

 $\label{thm:local-bound} $HKLM\software\policies\microsoft\windows\safer\codeidentifiers\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:

 $\label{thm:local-bound} $HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM \sim \left(\frac{31}{60}\right) - 4762 - b16d-7c29 decae3f} [saferflags] $$ HKLM$

Queries value:

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

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

Queries value:

 $HKLM \software \policies \microsoft \windows \safer \code identifiers \onumber \end{4.5} 085bcc18a68d \safer \figs \policies \microsoft \windows \safer \code identifiers \onumber \noindent \noin$

Queries value:

Queries value:

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

Queries value:

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

Queries value:

 $\label{thm:local-condition} HKLM \software \policies \microsoft \windows \safer \code identifiers \oldsymbol{local-code} \end{delta} $$HKLM \software \policies \microsoft \windows \safer \code identifiers \oldsymbol{local-code} \end{delta} $$HKLM \software \policies \microsoft \windows \safer \code identifiers \oldsymbol{local-code} \end{delta} $$HKLM \software \policies \microsoft \windows \safer \code identifiers \oldsymbol{local-code} \end{delta} $$HKLM \software \policies \microsoft \windows \safer \code identifiers \oldsymbol{local-code} \end{delta} $$HKLM \software \policies \microsoft \windows \safer \code identifiers \noise \policies \microsoft \microso$

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]

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

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

manager[pendingfilerenameoperations]