# Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 141, Task ID: 563

Task ID: 563 Risk Level: 6

Date Processed: 2016-04-28 13:02:37 (UTC)

Processing Time: 61.08 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\3cbf11d1f95bacd102a050186ad06ea2.exe"

Sample ID: 141
Type: basic
Owner: admin

Label: 3cbf11d1f95bacd102a050186ad06ea2

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

File Type: PE32:win32:gui File Size: 115832 bytes

MD5: 3cbf11d1f95bacd102a050186ad06ea2

SHA256: db7c703e989f2c3fe7cdaf0bda41d5d9db33838968bbf0b09b336d121fa4bf13

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\3cbf11d1f95bacd102a050186ad06ea2.exe

["c:\windows\temp\3cbf11d1f95bacd102a050186ad06ea2.exe" ]

 $\label{locals-1} $$\operatorname{C:\DOCUME-1\Admin\LOCALS-1\Temp\-nsu.tmp\Au\_.exe} $$ ["C:\DOCUME-1\Admin\LOCALS-1\Temp\-nsu.tmp\Au\_.exe" _?=c:\windows\temp\] $$$ 

Terminates process: C:\WINDOWS\Temp\3cbf11d1f95bacd102a050186ad06ea2.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.IDH

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

## File System Events

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

```
C:\Documents and Settings\Admin\Local Settings\Temp\nsf1.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:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsr2.tmp
 Creates:
 Creates:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsj3.tmp
                         C:\DOCUME~1
 Creates:
 Creates:
                         C:\DOCUME~1\Admin
                         C:\DOCUME~1\Admin\LOCALS~1
 Creates:
 Creates:
                         C:\DOCUME~1\Admin\LOCALS~1\Temp
 Creates:
                         C:\Documents and Settings\Admin\Local Settings\Temp\nsj3.tmp\LangDLL.dll
 Opens:
                         C:\WINDOWS\Prefetch\3CBF11D1F95BACD102A050186AD06-12F4CF77.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-
Controls_6595b64144ccf1df_6.0.2600.5512_x-ww_35d4ce83\comctl32.dll
 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
 Opens:
                         C:\WINDOWS\WindowsShell.Config
 Opens:
                         C:\WINDOWS\system32\rpcss.dl1
 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\nsf1.tmp
 Opens:
                         C:\WINDOWS\Temp\8577bc65-d1d3-410f-892d-b0b8c87408fe
 Opens:
                         C:\WINDOWS\Temp\3cbf11d1f95bacd102a050186ad06ea2.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
                         C:\WINDOWS\system32\apphelp.dll
 Opens:
 Opens:
                         C:\WINDOWS\AppPatch\sysmain.sdb
 Opens:
                         C:\WINDOWS\AppPatch\systest.sdb
 Opens:
                         C:\Documents and Settings\Admin\Local Settings
 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:
                         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:\WINDOWS\Prefetch\AU .EXE-34E9686B.pf
 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
 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\_.exeOpens:C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Xu\_.exeOpens:C:\DOCUME~1\Admin\LOCALS~1\Temp\~nsu.tmp\Yu\_.exeOpens: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\nsr2.tmp

Opens: C:\WINDOWS

Opens: C:\Documents and Settings\Admin\Local Settings\Temp\nsj3.tmp

Opens: C:\Documents and Settings\Admin\Local Settings\Temp\nsj3.tmp\LangDLL.dll

Opens: C:\WINDOWS\system32\MSCTFIME.IME
Opens: C:\WINDOWS\system32\uxtheme.dll
Opens: C:\WINDOWS\system32\MSIMTF.dll

Reads from: C:\WINDOWS\Temp\3cbf11d1f95bacd102a050186ad06ea2.exe

Reads from: C:\Documents and Settings\Admin\Local Settings\Temp\~nsu.tmp\Au\_.exe

Deletes: C:\Documents and Settings\Admin\Local Settings\Temp\nsf1.tmp
Deletes: C:\Documents and Settings\Admin\Local Settings\Temp\nsr2.tmp
Deletes: C:\Documents and Settings\Admin\Local Settings\Temp\nsj3.tmp

## Windows Registry Events

Creates key:

 $\label{lem:hkcu} HKCU software \end{area} HKCU software \end{area} irrors of the conversion explorer \end{area} he conversion \end{area} he conv$ 

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

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

options\3cbf11d1f95bacd102a050186ad06ea2.exe

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

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\{00020400-0000-0000-0000-000000000046}

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

options\msctf.dll

Opens key:

HKLM\software\microsoft\ctf\compatibility\3cbf11d1f95bacd102a050186ad06ea2.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:

 $HKLM \ software \ microsoft \ windows \ current version \ shell compatibility \ objects \ \{20d04fe0-3aea-1069-a2d8-08002b30309d\}$ 

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

options\3cbf11d1f95bacd102a050186ad06ea2.exe\rpcthreadpoolthrottle

Opens key: HKLM\software\policies\microsoft\windows nt\rpc
Opens key: HKLM\system\currentcontrolset\control\computername

Opens key:

 $HKCU \ software \ microsoft \ windows \ current version \ explorer \ mountpoints 2 \ cpc \ volume$ 

Opens key:

 $\label{thm:local-continuous} HKCU \software \microsoft \windows \current version \explorer \mountpoints 2 \cpc \volume \f 590255c2-6bc4-11e3-9fc7-806d6172696f \)$ 

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:

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 0 \ paths \ \{dda3f824-d8cb-441b-834d-be2efd2c1a33\}$ 

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

Opens key:

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

Opens key:

 $\label{lem:hklm} HKLM \software \policies \microsoft \windows \safer \code identifiers \noindent \noinde$ 

Opens key:

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

Opens key:

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

Opens key:

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

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 kev:

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

 $HKLM \ software \ policies \ microsoft \ windows \ safer \ code identifiers \ 131072 \ paths$ 

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

options\au\_.exe\rpcthreadpoolthrottle

Opens key: HKCU\software\bandisoft\bandicam

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

options\langdll.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

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

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

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[3cbf11d1f95bacd102a050186ad06ea2]

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

compatibility[3cbf11d1f95bacd102a050186ad06ea2]

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\{00020400-0000-0000-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]

Oueries 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:

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

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]

Queries value:

 $\label{thm:local-continuous} HKCU software \microsoft \windows \current version \explorer \mountpoints 2 \cpc \volume \f 590255c2-6bc4-11e3-9fc7-806d6172696f \end{figure} [data]$ 

Queries value:

 $\label{thm:local-continuous} HKCU software \end{figures} All the continuous continuous \end{figures} All the continuous \end{figur$ 

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

409d6c4515e9}[drivemask] Queries value: HKCU\software\microsoft\windows\currentversion\policies\explorer[dontshowsuperhidden] 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] 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] 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] Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[webview] HKCU\software\microsoft\windows\currentversion\explorer\advanced[filter] Queries value: Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[showsuperhidden] Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[separateprocess] Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[nonetcrawling] Queries value: HKCR\directory[docobject] Queries value: HKCR\directory[browseinplace] Queries value: HKCR\directory[isshortcut] Queries value: HKCR\directory[alwaysshowext] Queries value: HKCR\directory[nevershowext] HKLM\system\currentcontrolset\control\session Queries value: 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] 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-834d-

be2efd2c1a33}[saferflags]

Queries value:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89-edd5fbde1328}[itemdata]

Queries value:

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

Queries value:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{349d35ab-37b5-462f-9b89-edd5fbde1328}[itemsize]

Queries value:

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

Oueries value:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers\0\hashes\{7fb9cd2e-3076-4df9-a57b-b813f72dbb91}[itemdata]

Queries value:

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

Queries value:

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

**Queries value:** 

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

 $\label{thm:local-condition} HKLM \software \policies \microsoft \windows \safer \code identifiers \noindent \noind$ 

Queries value:

 $HKLM \setminus \{94e3e076-8f53-42a5-8411-085bcc18a68d\} [itemdata]$ 

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

Queries value:

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

Queries value:

 $HKLM \setminus oftware \setminus policies \setminus microsoft \setminus windows \setminus after \setminus ohashes \setminus \{dc971ee5-44eb-4fe4-ae2e-b91490411bfc\} [itemdata]$ 

Queries value:

 $HKLM \setminus software \setminus policies \setminus microsoft \setminus windows \setminus safer \setminus ohashes \setminus \{dc971ee5-44eb-4fe4-ae2e-b91490411bfc\} [hashalg]$ 

Queries value:

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

Queries value:

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

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:

 $HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus mount points 2 \setminus \{f90255c2 - 6bc4 - 11e3 - 9fc7 - 12e3 -$ 

806d6172696f}[baseclass]

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

manager[pendingfilerenameoperations]