Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 211, Task ID: 843

Task ID: 843 Risk Level: 5

Date Processed: 2016-04-28 13:10:25 (UTC)

Processing Time: 61.08 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\1fa596ea682f3af5482282f334cd1cce.exe"

Sample ID: 211
Type: basic
Owner: admin

Label: 1fa596ea682f3af5482282f334cd1cce

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

File Type: PE32:win32:gui File Size: 1045544 bytes

MD5: 1fa596ea682f3af5482282f334cd1cce

SHA256: 5ebdba5369db17aeb68e2da6ab659f01ab4d12d2c13e16a76eacf906d0a76c3b

Description: None

Pattern Matching Results

5 Creates process in suspicious location

5 PE: Contains compressed section

Process/Thread Events

Creates process: C:\WINDOWS\Temp\1fa596ea682f3af5482282f334cd1cce.exe

["c:\windows\temp\1fa596ea682f3af5482282f334cd1cce.exe"]

Creates process: C:\DOCUME~1\Admin\LOCALS~1\Temp\n1s\nchsetup.exe

"C:\DOCUME~1\Admin\LOCALS~1\Temp\n1s\nchdata.dat"]

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\ZonesCounterMutex

Creates mutex: \BaseNamedObjects\ZoneAttributeCacheCounterMutex

Creates mutex: \BaseNamedObjects\ZonesCacheCounterMutex
Creates mutex: \BaseNamedObjects\ZonesLockedCacheCounterMutex
Creates mutex: \BaseNamedObjects\MSCTF.Shared.MUTEX.IAB

Creates semaphore: \BaseNamedObjects\shell.{A48F1A32-A340-11D1-BC6B-00A0C90312E1} \Creates semaphore: \BaseNamedObjects\shell.{7CB834F0-527B-11D2-9D1F-0000F805CA57} \Creates semaphore: \BaseNamedObjects\shell.{210A4BA0-3AEA-1069-A2D9-08002B30309D}

File System Events

Creates: C:\Documents and Settings\Admin\Local Settings\Temp\n1s

Creates: C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchsetup.cab
Creates: C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchdata.cab
Creates: C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchdata.cab
Creates: C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchdata.dat
Creates: C:\Documents and Settings\Admin\Application Data\NCH Software

Creates: C:\Documents and Settings\Admin\Application Data\NCH Software\Scribe

Creates: C:\Documents and Settings\Admin\Application Data\NCH

Software\Scribe\Logs

Opens: C:\WINDOWS\Prefetch\1FA596EA682F3AF5482282F334CD1-1DF50554.pf

Opens: C:\Documents and Settings\Admin
Opens: C:\WINDOWS\system32\setupapi.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:
   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\comct132.dll
                                                     C:\WINDOWS\WindowsShell.Manifest
   Opens:
   Opens:
                                                     C:\WINDOWS\WindowsShell.Config
   Opens:
                                                     C:\WINDOWS\system32\comctl32.dll
   Opens:
                                                     C:\WINDOWS\system32\comctl32.dll.124.Manifest
   Opens:
                                                     C:\WINDOWS\system32\comctl32.dll.124.Config
   Opens:
                                                     C:\WINDOWS\system32\rpcss.dll
   Opens:
                                                     C:\WINDOWS\system32\MSCTF.dll
   Opens:
                                                     \label{locals-1} C: \DOCUME \sim 1 \land Admin \land LOCALS \sim 1 \land Temp \land n \land s \land tup. exe
   Opens:
                                                     C:\WINDOWS\system32\cabinet.dll
   Opens:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchsetup.cab
   Opens:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s
                                                     C:\WINDOWS\Temp\1e11110fc-d706-4e6a-acf6-4e5b0c7e8d29
   Opens:
                                                     C: \DOCUME \sim 1 \land Admin \land LOCALS \sim 1 \land Temp \land n \land s \land data. data.
   Opens:
   Opens:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchdata.cab
   Opens:
                                                     C:\WINDOWS\system32\netapi32.dll
   Opens:
                                                     C:\
   Opens:
                                                     C:\Documents and Settings
                                                     C:\Documents and Settings\Admin\My Documents\desktop.ini
   Opens:
                                                     C:\Documents and Settings\All Users
   Opens:
   Opens:
                                                     C:\Documents and Settings\All Users\Documents\desktop.ini
   Opens:
                                                     C:\WINDOWS\system32\clbcatq.dll
   Opens:
                                                     C:\WINDOWS\system32\comres.dll
   Opens:
                                                     C:\WINDOWS\Registration\R00000000007.clb
   Opens:
                                                     C:\WINDOWS\system32\urlmon.dll
   Opens:
                                                     C:\WINDOWS\system32\urlmon.dll.123.Manifest
   Opens:
                                                     C:\WINDOWS\system32\urlmon.dll.123.Config
   Opens:
                                                     C:\Documents and Settings\Admin\Local Settings
   Opens:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchsetup.exe
   Opens:
   Opens:
                                                     C:\WINDOWS\system32\apphelp.dll
                                                     C:\WINDOWS\AppPatch\sysmain.sdb
   Opens:
                                                     C:\WINDOWS\AppPatch\systest.sdb
   Opens:
   Opens:
                                                     C:\DOCUME~1\Admin\LOCALS~1\Temp\n1s\nchsetup.exe.Manifest
                                                     C:\DOCUME~1\Admin\LOCALS~1\Temp\n1s\nchsetup.exe.Config
   Opens:
                                                     C:\WINDOWS\Prefetch\NCHSETUP.EXE-12BBEC21.pf
   Opens:
   Opens:
                                                     C:\WINDOWS\system32\msacm32.dll
   Opens:
                                                     C:\WINDOWS\system32\winmm.dll
   Opens:
                                                     C:\WINDOWS\system32\ws2_32.dll
   Opens:
                                                     C:\WINDOWS\system32\ws2help.dll
                                                     C:\WINDOWS\system32\msimg32.dll
   Opens:
   Opens:
                                                     C:\WINDOWS\system32\iphlpapi.dll
   Opens:
                                                     C:\WINDOWS\system32\dnsapi.dll
   Opens:
C: \verb|WINDOWS| WinSxS| x86_Microsoft. Windows.GdiPlus_6595b64144ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0ccf1df_1.0.2600.5512\_x-ww\_dfb54e0ccf1df_1.0.2600.5512\_x-ww\_dfb54e0ccf1df_1.0.2600.5512_x-ww_dfb54e0ccf1df_1.0.2600.5512_x-ww_dfb54e0ccf1df_1.0.2600.5512_x-ww_dfb54e0c
   Opens:
C:\WINDOWS\WinSxS\x86_Microsoft.Windows.GdiPlus_6595b64144ccf1df_1.0.2600.5512_x-
ww_dfb54e0c\GdiPlus.dll
   Opens:
                                                     C:\WINDOWS\system32\WININET.dll.123.Manifest
   Opens:
                                                     C:\WINDOWS\system32\WININET.dll.123.Config
   Opens:
                                                     C:\WINDOWS\system32\MSCTFIME.IME
   Opens:
                                                     C:\WINDOWS\system32\uxtheme.dll
                                                     C:\DOCUME~1\Admin\LOCALS~1\Temp\ScribeCounts.txt
   Opens:
   Opens:
                                                     C:\WINDOWS\system32\MSIMTF.dll
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchsetup.cab
   Writes to:
   Writes to:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchsetup.exe
   Writes to:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchdata.cab
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchdata.dat
   Writes to:
   Reads from:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchsetup.cab
   Reads from:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchdata.cab
                                                     C:\Documents and Settings\Admin\My Documents\desktop.ini
   Reads from:
   Reads from:
                                                     C:\Documents and Settings\All Users\Documents\desktop.ini
   Reads from:
                                                     C:\WINDOWS\Registration\R00000000007.clb
   Reads from:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchsetup.exe
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchsetup.cab
   Deletes:
                                                     C:\Documents and Settings\Admin\Local Settings\Temp\n1s\nchdata.cab
   Deletes:
```

Windows Registry Events Creates key: HKCU\software\microsoft\windows\currentversion\explorer\user shell folders Creates key: HKCU\software\microsoft\windows\currentversion\explorer\shell folders Creates key: HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\{f90255c2-6bc4-11e3-9fc7-806d6172696f}\ Creates key: HKLM\software\microsoft\windows\currentversion\explorer\user shell folders Creates key: HKLM\software\microsoft\windows\currentversion\explorer\shell folders Creates key: HKCU\software\microsoft\multimedia\audio Creates key: HKCU\software\microsoft\multimedia\audio compression manager\ Creates key: HKCU\software\microsoft\multimedia\audio compression manager\msacm Creates key: HKCU\software\microsoft\multimedia\audio compression manager\priority v4.00 Creates key: HKCU\software\microsoft\windows\currentversion\internet settings Creates key: HKLM\system\currentcontrolset\services\tcpip\parameters Creates key: HKLM\software\nch software\components\googletoolbar Creates key: HKLM\software Creates key: HKLM\software\nch software Creates key: HKLM\software\nch software\components HKCU\software\nch software\components\googletoolbar Creates key: Creates key: HKCU\software Creates key: HKCU\software\nch software Creates key: HKCU\software\nch software\components Creates key: HKLM\software\google\gcapitemp Creates key: HKLM\software\google Creates key: HKLM\software\nch software\components\chrome Creates key: HKCU\software\nch software\components\chrome Deletes value: HKLM\software\google\gcapitemp[test] HKLM\software\microsoft\windows nt\currentversion\image file execution Opens key: options\1fa596ea682f3af5482282f334cd1cce.exe HKLM\system\currentcontrolset\control\terminal server Opens key: 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\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\winlogon Opens key: HKLM\ Opens key: HKLM\software\microsoft\windows nt\currentversion\diagnostics 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 HKLM\software\microsoft\windows nt\currentversion\image file execution Opens key: options\kernel32.dll HKLM\software\microsoft\windows nt\currentversion\image file execution Opens key: options\gdi32.dll HKLM\software\microsoft\windows nt\currentversion\image file execution Opens key: options\msvcrt.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\setupapi.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\shlwapi.dll Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution options\shell32.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

HKLM\software\microsoft\windows nt\currentversion\ime compatibility

HKLM\software\microsoft\windows nt\currentversion\windows

Opens key: HKCU\

Opens key:

Opens key:

Opens key: HKCU\software\policies\microsoft\control panel\desktop

Opens key: HKCU\control panel\desktop

Opens key: HKLM\system\setup

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\ole

Opens key: HKCR\interface

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

Opens key: HKLM\software\microsoft\windows\currentversion\explorer\performance

Opens key:

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

options\comctl32.dll

Opens key: HKCU\software\microsoft\windows\currentversion\explorer\advanced Opens key: HKLM\software\microsoft\windows nt\currentversion\languagepack

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

options\msctf.dll

Opens key:

HKLM\software\microsoft\ctf\compatibility\1fa596ea682f3af5482282f334cd1cce.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\cabinet.dll

Opens key: HKCU\software\microsoft\windows\currentversion\explorer
Opens key: HKLM\software\microsoft\windows\currentversion\explorer

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

options\netapi32.dll

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: HKLM\software\microsoft\windows\currentversion\policies\explorer Opens key: HKCU\software\microsoft\windows\currentversion\policies\explorer

Opens key:

 $HKLM \ software \ `microsoft\ `windows\ `current version\ `shell compatibility\ `applications\ `1fa596ea682f3af5482282f334cd1cce.exe$

Opens key:

 $a2d8\!-\!08002b30309d\}$

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: 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\microsoft\windows\currentversion\explorer\fileexts
Opens key: HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.exe

Opens key: HKCU\software\classes\.exe

Opens key: HKCR\.exe

Opens key: HKCU\software\classes\exefile

Opens key: HKCR\exefile

Opens key: HKCU\software\classes\exefile\curver

Opens key: HKCR\exefile\curver
Opens key: HKCR\exefile\

Opens key: HKCU\software\microsoft\windows\currentversion\explorer\
Opens key: HKCU\software\microsoft\windows\currentversion\policies\system

Opens key: HKCU\software\classes\exefile\shellex\iconhandler

Opens key: HKCR\exefile\shellex\iconhandler

Opens key: HKCU\software\classes\systemfileassociations\.exe

Opens key: HKCR\systemfileassociations\.exe

Opens key: HKCU\software\classes\systemfileassociations\application

Opens key: HKCR\systemfileassociations\application

Opens key: HKCU\software\classes\exefile\clsid

Opens key: HKCR\exefile\clsid
Opens key: HKCU\software\classes*

Opens key: HKCR*

Opens key: HKCU\software\classes*\clsid

Opens key: HKCR*\clsid

Opens key:

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

Opens key:

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

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\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\software\microsoft\windows\currentversion\explorer\shellexecutehooks
Opens key: HKCU\software\classes\clsid\{aeb6717e-7e19-11d0-97ee-

00c04fd91972}\inprocserver32

Opens key: HKCR\clsid\{aeb6717e-7e19-11d0-97ee-00c04fd91972}\inprocserver32
Opens key: HKLM\software\microsoft\windows\currentversion\policies\associations
Opens key: HKCU\software\microsoft\windows\currentversion\policies\associations

Opens key: HKCU\software\classes\.ade

Opens key: HKCR\.ade

Opens key: HKCU\software\classes\.adp

Opens key: HKCR\.adp

Opens key: HKCU\software\classes\.app

Opens key: HKCR\.app

Opens key: HKCU\software\classes\.asp

Opens key: HKCR\.asp

Opens key: HKCU\software\classes\.bas

Opens key: HKCR\.bas

Opens key: HKCU\software\classes\.bat

Opens key: HKCR\.bat

Opens key: HKCU\software\classes\.cer

Opens key: HKCR\.cer

Opens key: HKCU\software\classes\.chm

Opens key: HKCR\.chm

Opens key: HKCU\software\classes\.cmd

Opens key: HKCR\.cmd

Opens key: HKCU\software\classes\.com

Opens key: HKCR\.com

Opens key: HKCU\software\classes\.cpl

Opens key: HKCR\.cpl

Opens key: HKCU\software\classes\.crt

Opens key: HKCR\.crt

Opens key: HKCU\software\classes\.csh

Opens key: HKCR\.csh

Opens key: HKLM\software\microsoft\com3

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

options\comres.dll

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

options\oleaut32.dll

Opens key: HKLM\software\microsoft\oleaut

Opens key: HKLM\software\microsoft\oleaut\userera

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

options\version.dll

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

options\clbcatq.dll

Opens key: HKLM\software\microsoft\com3\debug

Opens key: HKLM\software\classes

Opens key: HKU\
Opens key: HKCR\clsid

Opens key: HKCU\software\classes\clsid\{7b8a2d94-0ac9-11d1-896c-00c04fb6bfc4}

Opens key: HKCR\clsid\{7b8a2d94-0ac9-11d1-896c-00c04fb6bfc4}

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

options\iertutil.dll

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

options\urlmon.dll

Opens key: HKCU\software\classes\protocols\name-space handler\

Opens key: HKCR\protocols\name-space handler

Opens key: HKCU\software\classes\protocols\name-space handler

Opens key: HKCU\software\policies\microsoft\windows\currentversion\internet

settings

Opens key: HKLM\software\microsoft\windows\currentversion\internet settings
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settings

Opens key: HKCU\software\microsoft\internet explorer\main\featurecontrol\feature_protocol_lockdown Opens key: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_protocol_lockdown

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settings\

Opens key: HKLM\software\policies\microsoft\internet explorer\main\featurecontrol
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Opens key: HKLM\software\microsoft\internet

explorer\main\featurecontrol\feature_ignore_policies_zonemap_if_esc_enabled_kb918915

Opens key: HKLM\software\policies\microsoft\windows\currentversion\internet

settings\zonemap\domains\

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Opens key: HKCU\software\microsoft\internet explorer\main\featurecontrol\feature_unc_savedfilecheck Opens key: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_unc_savedfilecheck

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Opens key: HKCU\software
Opens key: HKLM\software

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settings\zonemap\domains\
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b91490411bfc}
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Opens key:

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Opens key:

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Opens key: HKCU\software\microsoft\windows\currentversion\explorer\shell folders
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options\nchsetup.exe

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

options\comdlg32.dll
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Opens key:

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Opens key: HKCU\software\nch software\scribe\settings
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Opens key: HKLM\software\microsoft\internet explorer

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Queries value:

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Queries value: HKLM\software\microsoft\windows\currentversion\explorer[maximizeapps]

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

Queries value:

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

Queries value:

 $\label{prop:linear} HKCU \ software \ microsoft \ windows \ current version \ policies \ explorer \ [no properties my computer]$

Queries value:

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

Queries value:

 $\label{lem:hkcu} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \policies \explorer [no common groups] \end{tabular}$

Queries value:

Queries value:

 $\label{lem:hkcu} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \policies \explorer \cite{lem:hkcu} and \cite{lem:hkcu}$

Queries value: HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\inprocserver32[] Queries value: HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-

409d6c4515e9}[drivemask]

Queries value:

Queries value: HKCR\.exe[]

Queries value:

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

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

```
Queries value:
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HKCU\software\microsoft\windows\currentversion\policies\explorer[noactivedesktop]
   Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[nowebview]
HKCU \ software \ microsoft \ windows \ current version \ policies \ explorer \ [classicshell]
   Oueries value:
HKCU\software\microsoft\windows\currentversion\policies\explorer[separateprocess]
HKCU\software\microsoft\windows\currentversion\policies\explorer[nonetcrawling]
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HKCU\software\microsoft\windows\currentversion\policies\explorer[nosimplestartmenu]
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   Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[dontprettypath]
   Oueries value:
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folders[personal]
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   Queries value:
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folders[common desktop]
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Queries value: HKLM\software\microsoft\windows\currentversion\internet

settings[disableimprovedzonecheck]

Queries value: HKLM\software\microsoft\internet

explorer\main\featurecontrol\feature_protocol_lockdown[1fa596ea682f3af5482282f334cd1cce.exe]

Queries value: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_protocol_lockdown[*]

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settings[createuricachesize]

Queries value: HKLM\software\microsoft\windows\currentversion\internet settings[createuricachesize]

Queries value:

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Queries value:

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settings[enablepunycode]

Queries value: HKLM\software\policies\microsoft\internet

explorer\security[disablesecuritysettingscheck]

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settings\zones\4[flags]

Queries value: HKCU\software\microsoft\internet

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Oueries value: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_localmachine_lockdown[*]

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

settings[specialfolderscachesize]

Oueries value: HKLM\software\microsoft\windows\currentversion\internet settings[specialfolderscachesize]

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

folders[cache]

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

folders[cookies]

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

settings\zones\0[1806]

Queries value: HKCR\exefile\shell[]

HKCR\exefile\shell\open\command[] Oueries value: Queries value: HKCR\exefile\shell\open\command[command]

Queries value: HKCU\software\microsoft\windows\shellnoroam\muicache[langid]

Queries value:

HKCU\software\microsoft\windows\shellnoroam\muicache[c:\docume~1\admin\locals~1\temp\n1s\nchsetup.exe]

Oueries value:

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Oueries value:

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Oueries value:

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Queries value:

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Oueries value:

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

HKLM\system\currentcontrolset\control\session

manager\appcompatibility[disableappcompat]

HKLM\system\wpa\mediacenter[installed] Queries value:

Queries value:

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Queries value: HKLM\software\policies\microsoft\windows\safer\codeidentifiers[levels]

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Oueries value:

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Queries value:

 $HKLM \software \policies \microsoft \windows \safer \code identifiers \onumber \square \policies \microsoft \windows \safer \code identifiers \onumber \policies \microsoft \windows \safer \noise \policies \microsoft \mi$

Queries value:

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Queries value:

 $HKLM \setminus software \setminus policies \setminus irrosoft \setminus safer \setminus ohashes \setminus \{349d35ab-37b5-462f-9b89-edd5fbde \mid 1328 \} [itemsize]$

Queries value:

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Oueries value:

Queries value:

 $HKLM \setminus software \setminus policies \setminus irros oft \setminus$

Queries value:

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

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Queries value:

Queries value:

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Queries value:

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

Oueries value:

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

```
folders[cache]
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 Oueries value:
```

HKLM\software\microsoft\windows

Queries value:

Oueries value:

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