# Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details Host: mag2, Sample ID: 3320, Task ID: 788

Task ID: 788 Risk Level: 10

Date Processed: 2016-05-18 10:38:31 (UTC)

Processing Time: 61.65 seconds

IntelliVM Virtual Environment:

"c:\windows\temp\54b31207c61a234f126500151139a137.exe" **Execution Arguments:** 

Sample ID: 3320 Type: basic Owner: admin

54b31207c61a234f126500151139a137 Label:

Date Added: 2016-05-18 10:30:50 (UTC) File Type: PE32:win32:gui

File Size: 580608 bytes

54b31207c61a234f126500151139a137 MD5:

SHA256: 1a29909df3d3dda23568f277f184ed8854674d75affeedb4ee5277bda9671b06

Description:

#### Pattern Matching Results

Writes to system32 folder 2 PE: Nonstandard section

10 Creates malicious mutex: Expiro [Fileinfector]

3 Writes to a log file [Info]

6 Suspicious packer: VMProtect

5 Creates process in suspicious location

5 Validates shell extensions

3 Long sleep detected

Terminates process under Windows subfolder

#### Static Events

PE: Contains one or more non-standard sections

## Process/Thread Events

C:\WINDOWS\Temp\54b31207c61a234f126500151139a137.exe Creates process:

["c:\windows\temp\54b31207c61a234f126500151139a137.exe" ]

Creates process: C:\WINDOWS\system32\cisvc.exe [C:\WINDOWS\system32\cisvc.exe] Creates process: C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.exe

[c:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.exe] Creates process:

C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication Foundation\infocard.exe ["c:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication Foundation\infocard.exe"]

C:\WINDOWS\system32\cidaemon.exe ["cidaemon.exe" DownLevelDaemon Creates process: "c:\system volume information\catalog.wci" 1966721 2001]
Creates process: C:\WINDOWS\system32\verclsid.exe [/S /C {E4B29F9D-D390-480B-92FD-

7DDB47101D71} /I {0000010B-0000-0000-C000-00000000046} /X 0x401]

C:\WINDOWS\system32\verclsid.exe [/S /C {EB9B1153-3B57-4E68-959A-Creates process:

A3266BC3D7FE} /I {0000010B-0000-0000-C000-000000000046} /X 0x401]

C:\WINDOWS\system32\verclsid.exe [/S /C {875CB1A1-0F29-45DE-A1AE-Creates process: CFB4950D0B78} /I {0000010B-0000-0000-C000-00000000046} /X 0x401]

C:\WINDOWS\system32\verclsid.exe [/S /C {FBF23B40-E3F0-101B-8488-Creates process: 00AA003E56F8} /I {0000010B-0000-0000-C000-00000000046} /X 0x401]

Loads service: CiSvc [C:\WINDOWS\system32\cisvc.exe] ClipSrv [C:\WINDOWS\system32\clipsrv.exe] Loads service: Loads service: clr\_optimization\_v2.0.50727\_32 [c:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.exe]

idsvc ["c:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication Loads service:

Foundation\infocard.exe"]

C:\WINDOWS\system32\verclsid.exe Terminates process:

## Named Object Events

Creates mutex:	\BaseNamedObjects\MagnifyMutex
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-
507921405-1957994488-100	3MUTEX.DefaultS-1-5-21-1757981266-507921405-1957994488-1003
Creates mutex:	\BaseNamedObjects\oleacc-msaa-loaded

\BaseNamedObjects\kkq-vx\_mtx1 Creates mutex: Creates mutex: \BaseNamedObjects\kkq-vx\_mtx28 Creates mutex: \BaseNamedObjects\SHIMLIB\_LOG\_MUTEX Creates mutex: **\BaseNamedObjects\gazavat-svc** 

Creates mutex: \BaseNamedObjects\gazavat-svc\_28 \BaseNamedObjects\\_\_CiPerfMonMutex Creates mutex:

\BaseNamedObjects\c::system volume information:catalog.wci\_\_cimutexsem Creates mutex:

Creates event: \BaseNamedObjects\MSMagnifierAlreadyExistsEvent

Creates event: \BaseNamedObjects\DINPUTWINMM \BaseNamedObjects\userenv: User Profile setup event Creates event: \BaseNamedObjects\crypt32LogoffEvent Creates event: \BaseNamedObjects\{C3208AAE-1E9C-445D-ADA8-C34604B1F0AE} Creates event: \BaseNamedObjects\c::system volume information\_\_cievent3 Creates event: \BaseNamedObjects\CorDBIPCSetupSyncEvent\_1944 Creates event: \BaseNamedObjects\c::system volume information:catalog.wci\_\_cievent1 Creates event: \BaseNamedObjects\c::system volume information:catalog.wci\_\_cievent2 Creates event: \BaseNamedObjects\shell.{A48F1A32-A340-11D1-BC6B-00A0C90312E1} Creates semaphore: \BaseNamedObjects\shell.{210A4BA0-3AEA-1069-A2D9-08002B30309D} Creates semaphore: \BaseNamedObjects\shell.{7CB834F0-527B-11D2-9D1F-0000F805CA57} Creates semaphore: Creates semaphore: \BaseNamedObjects\OleDfRoot000025969 Creates semaphore: \BaseNamedObjects\OleDfRoot00002922D Creates semaphore: \BaseNamedObjects\OleDfRoot00002941E \BaseNamedObjects\OleDfRoot000029490 Creates semaphore: \BaseNamedObjects\OleDfRoot000029502 Creates semaphore: File System Events Creates C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet\_state.vir Creates: C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet\_state.exe Creates: C:\WINDOWS\system32\cisvc.vir Creates: C:\WINDOWS\system32\cisvc.exe C:\WINDOWS\system32\clipsrv.vir Creates: Creates: C:\WINDOWS\system32\clipsrv.exe C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.vir Creates: C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.exe Creates: Creates: C:\WINDOWS\system32\dmadmin.vir Creates: C:\windows\system32\dmadmin.vir Creates: C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\ngen\_service.lock Creates: C:\WINDOWS\system32\dmadmin.exe C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication Creates: Foundation\infocard.vir Creates: C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication Foundation\infocard.exe C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\ngenrootstorelock.dat Creates: C:\Svstem Volume Information Creates: C:\System Volume Information\catalog.wci Creates: C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\ngenservicelock.dat Creates: Creates: C:\System Volume Information\catalog.wci\CiSP0000.000 Creates: C:\System Volume Information\catalog.wci\CiSP0000.001 Creates: C:\System Volume Information\catalog.wci\CiSP0000.002 Creates: C:\System Volume Information\catalog.wci\INDEX.000 Creates: C:\System Volume Information\catalog.wci\INDEX.001 C:\System Volume Information\catalog.wci\INDEX.002 Creates: Creates: C:\System Volume Information\catalog.wci\CiFLfffd.000 C:\System Volume Information\catalog.wci\CiFLfffd.001 Creates: C:\System Volume Information\catalog.wci\CiFLfffd.002 Creates: C:\System Volume Information\catalog.wci\CiCL0001.000 Creates: Creates: C:\System Volume Information\catalog.wci\CiCL0001.001 C:\System Volume Information\catalog.wci\CiCL0001.002 Creates: C:\System Volume Information\catalog.wci\CiSL0001.000 Creates: Creates: C:\System Volume Information\catalog.wci\CiSL0001.001 Creates: C:\System Volume Information\catalog.wci\CiSL0001.002 Creates: C:\System Volume Information\catalog.wci\CiP10000.000 C:\System Volume Information\catalog.wci\CiP10000.001 Creates: Creates: C:\System Volume Information\catalog.wci\CiP10000.002 C:\System Volume Information\catalog.wci\CiP20000.000 Creates: Creates: C:\System Volume Information\catalog.wci\CiP20000.001

Creates: C:\System Volume Information\catalog.wci\CiP20000.002 Creates: C:\System Volume Information\catalog.wci\CiPT0000.000 C:\System Volume Information\catalog.wci\CiPT0000.001 Creates: C:\System Volume Information\catalog.wci\CiPT0000.002 Creates: C:\System Volume Information\catalog.wci\CiST0000.000 Creates: Creates: C:\System Volume Information\catalog.wci\CiST0000.001 Creates: C:\System Volume Information\catalog.wci\CiST0000.002 Creates: C:\System Volume Information\catalog.wci\0000001.ps1 Creates: C:\System Volume Information\catalog.wci\propstor.bk1 C:\System Volume Information\catalog.wci\00000001.ps2 Creates: Creates: C:\System Volume Information\catalog.wci\propstor.bk2 C:\System Volume Information\catalog.wci\cicat.hsh Creates: Creates: C:\System Volume Information\catalog.wci\CiVP0000.000 C:\System Volume Information\catalog.wci\CiVP0000.001 Creates: C:\System Volume Information\catalog.wci\CiVP0000.002 Creates: C:\System Volume Information\catalog.wci\cicat.fid Creates: Creates: C:\System Volume Information\catalog.wci\00000002.ps1 C:\System Volume Information\catalog.wci\00000002.ps2 Creates: Opens: C:\Documents and Settings\Admin

Opens: C:\WINDOWS\system32\mfc42u.dll Opens: C:\WINDOWS\system32\mag\_hook.dll

C:\WINDOWS\WinSxS\x86\_Microsoft.Windows.Common-Opens:

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

Opens: C:\WINDOWS\system32\psapi.dll C:\WINDOWS\system32\imm32.dll 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\WindowsShell.Manifest Opens: C:\WINDOWS\WindowsShell.Config

```
Opens:
                                      C:\WINDOWS\system32\rpcss.dll
  Opens:
                                      C:\WINDOWS\system32\MSCTF.dll
  Opens:
                                      C:\WINDOWS\system32\MSCTFIME.IME
  Opens:
                                      C:\WINDOWS\system32\uxtheme.dll
                                      C:\WINDOWS\system32\oleacc.dll
  Opens:
  Opens:
                                      C:\WINDOWS\system32\msvcp60.dll
  Opens:
                                      C:\WINDOWS\system32\oleaccrc.dll
  Opens:
                                      C:\WINDOWS\system32\MSIMTF.dll
  Opens:
                                      C:\WINDOWS\system32\sfc_os.dll
  Opens:
                                      C:\WINDOWS\system32\wintrust.dll
  Opens:
                                      C:\WINDOWS\system32\crypt32.dll
  Opens:
                                      C:\WINDOWS\system32\msasn1.dll
                                      C:\WINDOWS\system32\pstorec.dll
  Opens:
  Opens:
                                      C:\WINDOWS\system32\atl.dll
                                      C:\WINDOWS\system32\crtdll.dll
  Opens:
  Opens:
                                      C:\WINDOWS\system32\sfc.dll
  Opens:
                                      C:\windows\SysWOW64\svchost.exe
                                      C:\windows\system32\svchost.exe
  Opens:
  Opens:
                                      C:\WINDOWS\system32\svchost.exe
  Opens:
                                      C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet_state.exe
  Opens:
                                      C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727
  Opens:
                                      C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet_state.vir
  Opens:
                                      C:\WINDOWS\Temp\51b2e6c6-e902-4d8f-895d-23ae23213ed7
                                      C:\windows\SysWOW64\cisvc.exe
  Opens:
                                      C:\WINDOWS\system32\cisvc.exe
  Opens:
  Opens:
                                      C:\WINDOWS\system32
  Opens:
                                      C:\WINDOWS\system32\cisvc.vir
  Opens:
                                      C:\WINDOWS\Prefetch\CISVC.EXE-21F69875.pf
  Opens:
                                      C:\WINDOWS\system32\query.dll
                                      C:\WINDOWS\system32\shimeng.dll
  Opens:
                                      {\tt C:\WINDOWS\AppPatch\symmin.sdb}
  Onens:
  Opens:
                                      C:\WINDOWS\AppPatch\systest.sdb
  Opens:
                                      C:\WINDOWS\AppPatch\AcGenral.dll
  Opens:
                                      C:\WINDOWS\system32\winmm.dll
  Opens:
                                      C:\WINDOWS\system32\msacm32.dll
  Opens:
                                      C:\WINDOWS\system32\comctl32.dll
                                      C:\WINDOWS\system32\comctl32.dll.124.Manifest
  Opens:
  Opens:
                                      C:\WINDOWS\system32\comctl32.dll.124.Config
  Opens:
                                      C:\windows\SysWOW64\clipsrv.exe
  Opens:
                                      C:\WINDOWS\system32\clipsrv.exe
                                      C:\WINDOWS\system32\clipsrv.vir
  Opens:
  Opens:
                                      C:
                                      C:\WINDOWS\system32\setupapi.dll
  Opens:
  Opens:
                                      C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.exe
                                      C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.vir
  Opens:
  Opens:
                                      C:\WINDOWS\system32\clbcatq.dll
  Opens:
                                      C:\WINDOWS\system32\comres.dll
  Opens:
                                      C:\WINDOWS\Prefetch\MSCORSVW.EXE-1BF30400.pf
  Opens:
                                      C:\WINDOWS\Registration\R00000000007.clb
  Opens:
                                      C:\
  Opens:
                                      C:\Documents and Settings
  Opens:
                                      C:\Documents and Settings\LocalService
  Opens:
                                      C:\Documents and Settings\LocalService\Application Data
                                      C:\WINDOWS
  Opens:
  Opens:
                                      C:\WINDOWS\assemblv
  Opens:
                                      C:\WINDOWS\assembly\GAC_32
                                      {\tt C:\WINDOWS\assembly\GAC\_32\mscorlib}
  Opens:
  Opens:
                                      \label{lem:c:windows} $$C:\WINDOWS\assembly\GAC_32\mscorlib\2.0.0.0_b77a5c561934e089$
  Opens:
                                      C:\WINDOWS\assembly\GAC_MSIL
  Opens:
                                      C:\WINDOWS\assembly\GAC_MSIL\System.Configuration
  Opens:
C:\WINDOWS\assembly\GAC_MSIL\System.Configuration\2.0.0.0_b03f5f7f11d50a3a
                                      C:\WINDOWS\assembly\GAC_MSIL\System.Security
  Opens:
                                      C:\WINDOWS\assembly\GAC_MSIL\System.Security\2.0.0.0_b03f5f7f11d50a3a
  Opens:
  Opens:
                                      C:\WINDOWS\assembly\GAC_MSIL\System.Xml
  Opens:
                                      C:\WINDOWS\assembly\GAC_MSIL\System.Xml\2.0.0.0_b77a5c561934e089
                                      C:\WINDOWS\assembly\GAC_MSIL\System
  Opens:
  Opens:
                                      C:\WINDOWS\assembly\GAC MSIL\System\2.0.0.0 b77a5c561934e089
                                      C:\WINDOWS\assembly\NativeImages_v2.0.50727_32
  Opens:
  Opens:
                                      C:\WINDOWS\assembly\NativeImages_v2.0.50727_32\mscorlib
  Opens:
C: \verb|WINDOWS| assembly \verb|NativeImages_v2.0.50727_32 \verb|mscorlib|| 9 adb 89 fa 22 fd 5b 4ce 433b 5aca 7fb 1b 07 factor of the fa
                                      C:\WINDOWS\assembly\NativeImages_v2.0.50727_32\System
  Opens:
  Opens:
C:\WINDOWS\assembly\NativeImages_v2.0.50727_32\System\aa7926460a336408c8041330ad90929d
  Opens:
                                     C:\WINDOWS\Microsoft.NET
  Opens:
                                      C:\WINDOWS\Microsoft.NET\Framework
  Opens:
                                      C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\CONFIG
  Opens:
                                      C:\WINDOWS\Registration
                                      C:\WINDOWS\WinSxS
  Opens:
  Opens:
Opens:
                                      C:\WINDOWS\system32\ntdll.dll
  Opens:
                                      C:\WINDOWS\system32\kernel32.dll
  Opens:
                                      C:\WINDOWS\system32\unicode.nls
  Opens:
                                      C:\WINDOWS\system32\locale.nls
                                      C:\WINDOWS\system32\sorttbls.nls
  Opens:
  Opens:
                                      C:\WINDOWS\system32\mscoree.dll
  Opens:
C:\WINDOWS\WinSxS\x86_Microsoft.VC80.CRT_1fc8b3b9a1e18e3b_8.0.50727.3053_x-
```

```
Opens:
                                                                         C:\WINDOWS\system32\msvcrt.dll
     Opens:
                                                                         C:\WINDOWS\system32\advapi32.dll
                                                                         C:\WINDOWS\system32\rpcrt4.dll
     Opens:
     Opens:
                                                                         C:\WINDOWS\system32\secur32.dll
    Opens:
                                                                         C:\WINDOWS\system32\user32.dll
     Opens:
                                                                         C:\WINDOWS\system32\gdi32.dll
    Opens:
                                                                         C:\WINDOWS\system32\ole32.dll
     Opens:
                                                                         C:\WINDOWS\system32\oleaut32.dll
    Opens:
                                                                         C:\WINDOWS\system32\ctype.nls
                                                                         C:\WINDOWS\system32\version.dll
     Opens:
    Opens:
                                                                         C:\WINDOWS\system32\ciadmin.dll
     Opens:
                                                                         C:\WINDOWS\system32\sortkey.nls
     Opens:
                                                                         C:\WINDOWS\system32\winlogon.exe
                                                                         C:\WINDOWS\system32\xpsp2res.dll
     Opens:
                                                                         C:\WINDOWS\system32\sxs.dll
     Opens:
     Opens:
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscoree.tlb
     Opens:
                                                                         C:\WINDOWS\system32\stdole2.tlb
                                                                         C:\WINDOWS\system32\shlwapi.dll
    Opens:
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config
     Opens:
    Opens:
C: \windows \assembly \native Images\_v2.0.50727\_32 \mbox{mscorlib} \assembly \native Images\_v2.0.50727\_32 \mbox{mscorlib} \assembly \a
    Opens:
                                                                         {\tt C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorjit.dll}
     Opens:
                                                                         C:\WINDOWS\system32\l_intl.nls
     Opens:
                                                                         C:\WINDOWS\system32\rsaenh.dll
    Opens:
C:\WINDOWS\assembly\GAC_32\mscorlib\2.0.0.0_b77a5c561934e089\mscorlib.dll
     Opens:
C: \verb|WINDOWS| assembly \verb|NativeImages_v2.0.50727_32 \verb|System| aa7926460a336408c8041330ad90929d \verb|System.ni.dl1| additionally the following t
     Opens:
                                                                         C:\WINDOWS\assembly\GAC_MSIL\System\2.0.0.0_b77a5c561934e089\System.dll
    Opens:
C:\WINDOWS\assembly\GAC_MSIL\System.Xml\2.0.0.0__b77a5c561934e089\System.XML.dll
    Opens:
C: \verb|WINDOWS| assembly \verb|GAC_MSIL| System. Configuration \verb|| 2.0.0.0\_b03f5f7f11d50a3a \verb|System. configuration. dll| and the statement of the
    Opens:
C:\WINDOWS\assembly\GAC_MSIL\System.Security\2.0.0.0__b03f5f7f11d50a3a\System.Security.dll
     Opens:
                                                                         C:\WINDOWS\ASSEMBLY\TMP\MOBMX9KV\WINDOWSBASE.DLL
    Opens:
                                                                         C:\WINDOWS\system32\ciadmin.dll.2.Manifest
     Opens:
                                                                         C:\WINDOWS\system32\ciadmin.dll.2.Config
     Opens:
                                                                         C:\WINDOWS\system32\ixsso.dll
                                                                         C:\WINDOWS\system32\nlhtml.dll
     Opens:
     Opens:
                                                                         C:\windows\SysWOW64\dllhost.exe
    Opens:
                                                                         C:\WINDOWS\system32\dllhost.exe
     Opens:
                                                                         C:\windows\SysWOW64\dmadmin.exe
                                                                         C:\WINDOWS\system32\dmadmin.exe
    Opens:
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvc.dll
    Opens:
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvc.dll.2.Manifest
    Opens:
     Opens:
                                                                         \label{lem:c:windows} $$C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvc.dll.2.Config
    Opens:
                                                                         C:\WINDOWS\system32\offfilt.dll
     Opens:
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\ngen_service.log
     Opens:
                                                                         C:\windows\system32\dmadmin.vir
     Opens:
                                                                         C:\WINDOWS\system32\dmadmin.vir
     Opens:
                                                                         \verb|C:\WINDOWS\Microsoft.NET\Framework\v3.0\WPF\PresentationFontCache.exe|\\
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication
     Opens:
Foundation\infocard.exe
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.exe.config
     Opens:
                                                                         C:\WINDOWS\system32\msidle.dll
     Opens:
                                                                         C:\WINDOWS\system32\wtsapi32.dll
    Opens:
    Opens:
                                                                         C:\WINDOWS\system32\winsta.dll
                                                                         C:\WINDOWS\system32\netapi32.dll
     Opens:
     Opens:
                                                                         C:\WINDOWS\system32\powrprof.dll
    Opens:
                                                                         {\tt C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows\ Communication\ Foundation}
     Opens:
                                                                         C:\WINDOWS\system32\ciodm.dll
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication
    Opens:
Foundation\infocard.vir
     Opens:
                                                                         C:\WINDOWS\system32\infosoft.dll
     Opens:
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\ngenserviceclientlock.dat
     Opens:
                                                                         C:\WINDOWS\system32\mimefilt.dll
                                                                         C:\WINDOWS\Prefetch\INFOCARD.EXE-14622E55.pf
    Opens:
     Opens:
                                                                         C:\WINDOWS\system32\langwrbk.dll
    Opens:
\hbox{C:\WINDOWS\WinSxS\x86\_Microsoft.VC80.CRT\_1fc8b3b9a1e18e3b\_8.0.50727.3053\_x-1} \\
ww b80fa8ca\msvcp80.dll
     Opens:
C:\WINDOWS\WinSxS\x86_Microsoft.VC80.CRT_1fc8b3b9a1e18e3b_8.0.50727.3053_x-
ww_b80fa8ca\msvcm80.dll
                                                                         C:\WINDOWS\system32\dnsapi.dll
     Opens:
                                                                         C:\WINDOWS\system32\ws2_32.dll
     Opens:
                                                                         C:\WINDOWS\system32\ws2help.dll
     Opens:
    Opens:
                                                                         C:\System Volume Information\catalog.wci
    Opens:
                                                                         C:\WINDOWS\system32\shell32.dll.124.Manifest
                                                                         C:\WINDOWS\system32\shell32.dll.124.Config
    Opens:
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication
    Opens:
Foundation\infocard.exe.config
                                                                         C:\wINDOWS\system32\ntmarta.dll
     Opens:
                                                                         C:\WINDOWS\system32\samlib.dll
     Opens:
     Opens:
                                                                         C: \verb|\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorwks.dll| \\
     Opens:
                                                                         \label{lem:c:windows} C: \verb|\windows| Microsoft.NET | Framework | v2.0.50727 | mscorwks.dll.2. Manifest | man
     Opens:
                                                                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorwks.dll.2.Config
     Opens:
                                                                         C:\System Volume Information\catalog.wci\INDEX.001
```

ww\_b80fa8ca\msvcr80.dll

```
Opens:
                         C:\System Volume Information\catalog.wci\INDEX.002
 Opens:
                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\config\security.config
 Opens:
                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\config\security.config.cch
 Opens:
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\config\enterprisesec.config
 Opens:
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\config\enterprisesec.config.cch
                         C:\Documents and Settings\LocalService\Application Data\Microsoft\CLR
 Opens:
Security Config\v2.0.50727.42\security.config
 Opens:
                         C:\Documents and Settings\LocalService\Application Data\Microsoft\CLR
Security Config\v2.0.50727.42\security.config.cch
 Opens:
                         C:\System Volume Information\catalog.wci\CiCL0001.000
 Opens:
                         C:\System Volume Information\catalog.wci\CiCL0001.001
 Opens:
                         C:\System Volume Information\catalog.wci\CiCL0001.002
 Opens:
                         C:\WINDOWS\assembly\NativeImages_v2.0.50727_32\index9c.dat
 Opens:
                         C:\System Volume Information\catalog.wci\CiFLfffd.000
 Opens:
                         C:\System Volume Information\catalog.wci\CiFLfffd.001
 Opens:
                         C:\System Volume Information\catalog.wci\CiFLfffd.002
                         C:\System Volume Information\catalog.wci\CiSL0001.001
 Opens:
 Opens:
                         C:\System Volume Information\catalog.wci\CiSL0001.002
 Opens:
                         C:\System Volume Information\catalog.wci\CiSP0000.002
                         C:\System Volume Information\catalog.wci\CiSP0000.001
 Opens:
 Opens:
                         C: \verb|\WINDOWS\Microsoft.NET\Framework\v3.0| \\
 Opens:
                         C:\System Volume Information\catalog.wci\CiP10000.001
 Opens:
                         C:\System Volume Information\catalog.wci\CiP20000.001
 Opens:
                         C:\System Volume Information\catalog.wci\CiPT0000.001
 Opens:
                         C:\System Volume Information\catalog.wci\CiST0000.001
                         C:\System Volume Information\catalog.wci\CiP10000.002
 Opens:
                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorjit.dll.2.Manifest
 Opens:
 Opens:
                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorjit.dll.2.Config
 Opens:
                         C:\system volume information\catalog.wci\0000001.ci
                         C:\system volume information\catalog.wci\00000001.hsh
 Opens:
 Opens:
                         C:\system volume information\catalog.wci\00000001.ps1
 Opens:
                         C:\system volume information\catalog.wci\00000001.ps2
 Opens:
                         C:\System Volume Information\catalog.wci\CiP20000.002
 Opens:
                         C:\WINDOWS\assembly\pubpol1.dat
 Opens:
                         C:\System Volume Information\catalog.wci\CiVP0000.001
 Opens:
C:\WINDOWS\assembly\GAC_32\mscorlib\2.0.0.0_b77a5c561934e089\sorttbls.nlp
C:\WINDOWS\assembly\GAC_32\mscorlib\2.0.0.0_b77a5c561934e089\sortkey.nlp
 Opens:
                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\Culture.dll
 Opens:
                         C:\System Volume Information\catalog.wci\00000001.ps1
 Opens:
                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\culture.dll.2.Manifest
 Opens:
                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\culture.dll.2.Config
                         C:\System Volume Information\catalog.wci\CiPT0000.002
 Opens:
 Opens:
                         C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorrc.dll
 Opens:
                         C:\system volume information\catalog.wci\00000002.ci
 Opens:
                         C:\system volume information\catalog.wci\00000002.hsh
 Opens:
                         C:\system volume information\catalog.wci\00000002.ps1
 Opens:
                         C:\system volume information\catalog.wci\00000002.ps2
                         C:\System Volume Information\catalog.wci\00000001.ps2
 Opens:
 Opens:
                         C:\WINDOWS\system32\drprov.dll
                         C:\WINDOWS\system32\ntlanman.dll
 Opens:
 Opens:
                         C:\WINDOWS\system32\netui0.dll
 Opens:
                         C:\WINDOWS\system32\netui1.dll
                         C:\WINDOWS\system32\netrap.dll
 Opens:
                         C:\WINDOWS\system32\davclnt.dll
 Opens:
 Opens:
                         C:\WINDOWS\system32\faultrep.dll
                         C:\WINDOWS\system32\cidaemon.exe
 Opens:
 Opens:
                         C:\WINDOWS\system32\apphelp.dll
 Opens:
                         C:\WINDOWS\system32\cidaemon.exe.Manifest
 Opens:
                         C:\WINDOWS\Prefetch\CIDAEMON.EXE-27AE97A4.pf
 Opens:
                         C:\Documents and Settings\Administrator
                         C:\Documents and Settings\All Users
 Opens:
 Opens:
                         C:\Documents and Settings\Default User
                         C:\Documents and Settings\NetworkService
 Opens:
 Opens:
                         C:\Documents and Settings\NetworkService\Application Data
 Opens:
                         C:\Documents and Settings\NetworkService\Cookies
                         C:\Documents and Settings\NetworkService\Local Settings
 Opens:
 Opens:
                         C:\Documents and Settings\NetworkService\NTUSER.DAT
 Opens:
                         C:\Documents and Settings\NetworkService\ntuser.dat.LOG
 Opens:
                         C:\Documents and Settings\NetworkService\ntuser.ini
 Opens:
                         C:\Documents and Settings\NetworkService\Local Settings\Application Data
 Opens:
                         C:\Documents and Settings\NetworkService\Local Settings\desktop.ini
 Opens:
                         C:\Documents and Settings\NetworkService\Local Settings\History
                         C:\Documents and Settings\NetworkService\Local Settings\Temp
 Opens:
                         C:\Documents and Settings\NetworkService\Local Settings\Temporary
 Opens:
Internet Files
 Opens:
                         C:\Documents and Settings\NetworkService\Application Data\Microsoft
 Opens:
                         C:\Documents and Settings\LocalService\Cookies
                         C:\Documents and Settings\LocalService\Local Settings
 Opens:
 Opens:
                         C:\Documents and Settings\LocalService\NTUSER.DAT
 Opens:
                         C:\Documents and Settings\LocalService\ntuser.dat.LOG
 Opens:
                         C:\Documents and Settings\LocalService\ntuser.ini
                         {\tt C:\Documents\ and\ Settings\LocalService\Local\ Settings\Application\ Data}
 Opens:
 Opens:
                         C:\Documents and Settings\LocalService\Local Settings\desktop.ini
 Opens:
                         C:\Documents and Settings\LocalService\Local Settings\History
 Opens:
                         C:\Documents and Settings\LocalService\Local Settings\Temp
                         {\tt C:\Documents\ and\ Settings\backslash Local Service\backslash Local\ Settings\backslash Temporary\ Internet}
 Opens:
```

```
Opens:
                          C:\Documents and Settings\LocalService\Cookies\index.dat
 Opens:
                          C:\Documents and Settings\LocalService\Application Data\Microsoft
                          C:\Documents and Settings\Default User\Application Data
 Opens:
 Opens:
                          C:\Documents and Settings\Default User\Cookies
 Opens:
                          C:\Documents and Settings\Default User\Desktop
 Opens:
                          C:\Documents and Settings\Default User\Favorites
 Opens:
                          C:\Documents and Settings\Default User\Local Settings
 Opens:
                          C:\Documents and Settings\Default User\My Documents
                          {\tt C:\Documents\ and\ Settings\backslash Default\ User\backslash NetHood}\\
 Opens:
                          C:\Documents and Settings\Default User\NTUSER.DAT
 Opens:
 Opens:
                          C:\Documents and Settings\Default User\NTUSER.DAT.LOG
 Opens:
                          C:\Documents and Settings\Default User\PrintHood
 Opens:
                          C:\Documents and Settings\Default User\Recent
 Opens:
                          C:\Documents and Settings\Default User\SendTo
 Opens:
                          C:\Documents and Settings\Default User\Start Menu
                          C:\Documents and Settings\Default User\Templates
 Opens:
 Opens:
                          C:\Documents and Settings\Default User\Templates\amipro.sam
 Opens:
                          C:\Documents and Settings\Default User\Templates\excel.xls
 Opens:
                          C:\Documents and Settings\Default User\Templates\excel4.xls
 Opens:
                          C:\Documents and Settings\Default User\Templates\lotus.wk4
 Opens:
                          C:\Documents and Settings\Default User\Templates\powerpnt.ppt
 Opens:
                          {\tt C:\Documents\ and\ Settings\backslash Default\ User\backslash Templates\backslash presenta.shw}
 Opens:
                          C:\Documents and Settings\Default User\Templates\quattro.wb2
 Opens:
                          C:\Documents and Settings\Default User\Templates\sndrec.wav
 Opens:
                          C:\Documents and Settings\Default User\Templates\winword.doc
 Opens:
                          C:\Documents and Settings\Default User\Templates\winword2.doc
 Opens:
                          C:\Documents and Settings\Default User\Templates\wordpfct.wpd
                          C:\Documents and Settings\Default User\Templates\wordpfct.wpg
 Opens:
                          C:\Documents and Settings\Default User\Start Menu\desktop.ini
 Opens:
 Opens:
                          C:\Documents and Settings\Default User\Start Menu\Programs
 Opens:
                          C:\Documents and Settings\Default User\Start Menu\Programs\Accessories
                          C:\Documents and Settings\Default User\Start Menu\Programs\desktop.ini
 Opens:
                          C:\Documents and Settings\Default User\Start Menu\Programs\Remote
 Opens:
Assistance.lnk
                          {\tt C:\Documents\ and\ Settings\Default\ User\Start\ Menu\Programs\Startup}
 Opens:
 Opens:
                          {\tt C:\Documents\ and\ Settings\backslash Default\ User\backslash Start\ Menu\backslash Programs\backslash Windows\ Media}
Player.lnk
                          C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Startup\desktop.ini
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Accessibility
 Opens:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Command Prompt.lnk
                          C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\desktop.ini
                          C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\Entertainment
                          C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\Notepad.lnk
                          C:\documents and settings
 Opens:
 Opens:
                          C:\System Volume Information\catalog.wci\CiST0000.002
 Opens:
                          C:\documents and settings\admin
                          C:\documents and settings\administrator
 Opens:
 Opens:
                          C:\documents and settings\all users
 Opens:
                          C:\documents and settings\default user
                          C:\documents and settings\localservice
 Opens:
                          C:\documents and settings\networkservice
 Opens:
                          \hbox{$C$:$\documents and settings$\networkservice$\application data}
 Opens:
 Opens:
                          C:\documents and settings\networkservice\cookies
 Opens:
                          C:\documents and settings\networkservice\local settings
 Opens:
                          C:\WINDOWS\system32\noise.dat
 Opens:
                          C:\Documents and
Settings\NetworkService\ntuser.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                          C::{4c8cc155-6c1e-11d1-8e41-00c04fb9386d}:$DATA
 Opens:
                          C:: DocumentSummaryInformation:$DATA
 Opens:
 Opens:
                          C::Docf_ DocumentSummaryInformation:$DATA
 Opens:
                          C:\documents and settings\localservice\application data
 Opens:
                          C:\documents and settings\localservice\local settings
 Opens:
                          C:\Documents and
Settings\LocalService\ntuser.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                          C:\documents and settings\localservice\cookies\index.dat
 Opens:
                          C:\documents and settings\default user\application data
 Opens:
                          C:\documents and settings\default user\cookies
 Opens:
                          C:\documents and settings\default user\desktop
 Opens:
                          C:\documents and settings\default user\favorites
                          C:\documents and settings\default user\local settings
 Opens:
                          C:\documents and settings\default user\my documents
 Opens:
 Opens:
                          C:\documents and settings\default user\nethood
 Opens:
                          C:\documents and settings\default user\printhood
 Opens:
                          C:\documents and settings\default user\recent
 Opens:
                          C:\documents and settings\default user\sendto
 Opens:
                          C:\documents and settings\default user\start menu
                          C:\documents and settings\default user\templates
 Opens:
                          C:\Documents and Settings\Default
 Opens:
User \verb|\Templates| amipro.sam: Raec 25 ph 4 sudb f 0 h Aaq 5 ehw 3 Nf: \$DATA
 Opens:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Program Compatibility Wizard.lnk
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Synchronize.lnk
```

Files

```
Opens:
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Tour Windows XP.lnk
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Windows Explorer.lnk
                         C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\Entertainment\desktop.ini
                         C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\Entertainment\Windows Media Player.lnk
                         C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\Accessibility\desktop.ini
                         C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\Accessibility\Magnifier.lnk
                         C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\Accessibility\Narrator.lnk
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Accessibility\On-Screen Keyboard.lnk
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Accessibility\Utility Manager.lnk
                         C:\Documents and Settings\Default User\SendTo\Compressed (zipped)
 Opens:
Folder.ZFSendToTarget
                         C:\Documents and Settings\Default User\SendTo\Desktop (create
 Opens:
shortcut).DeskLink
 Opens:
                         C:\Documents and Settings\Default User\SendTo\desktop.ini
 Opens:
                         {\tt C:\Documents\ and\ Settings\Default\ User\SendTo\Mail\ Recipient.MAPIMail}
 Opens:
                         C:\Documents and Settings\Default User\Local Settings\Application Data
                         C:\Documents and Settings\Default User\Local Settings\desktop.ini
 Opens:
 Opens:
                         C:\Documents and Settings\Default User\Local Settings\History
 Opens:
                         C:\Documents and Settings\Default User\Local Settings\Temp
 Opens:
                         C:\Documents and Settings\Default User\Local Settings\Temporary Internet
Files
 Opens:
                         C:\Documents and Settings\Default User\Cookies\index.dat
                         C:\Documents and Settings\Default User\Application Data\desktop.ini
 Opens:
                         C:\Documents and Settings\Default User\Application Data\Microsoft
 Opens:
                         C:\Documents and Settings\All Users\Application Data
 Opens:
                         C:\WINDOWS\system32\noise.enu
 Opens:
 Opens:
                         C:\Documents and Settings\Default
User \verb|\Templates| excel4.xls: Raec25ph4sudbf0hAaq5ehw3Nf: $DATA| \\
 Opens:
                         C:\Documents and Settings\Default
User\Templates\lotus.wk4: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Default
User\Templates\presenta.shw: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\WINDOWS\system32\linkinfo.dll
 Opens:
 Opens:
                         C:\WINDOWS\system32\ntshrui.dll
                         C:\WINDOWS\system32\ntshrui.dll.123.Manifest
 Opens:
                         C:\WINDOWS\system32\ntshrui.dll.123.Config
 Opens:
 Opens:
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Command Prompt.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Default User\Start
 Opens:
Menu\Programs\Accessories\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\documents and settings\default user\start
menu\programs\accessories\entertainment
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Notepad.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\WINDOWS\system32\ieframe.dll
 Opens:
 Opens:
                         C:\Program Files\Internet Explorer\iexplore.exe
                         C:\WINDOWS\system32\ieframe.dll.123.Manifest
 Opens:
                         C:\WINDOWS\system32\ieframe.dll.123.Config
 Opens:
                         C:\WINDOWS\system32\en-US\ieframe.dll.mui
 Opens:
 Opens:
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Program Compatibility Wizard.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Synchronize.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Tour Windows XP.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Desktop
 Opens:
 Opens:
                         C:\Documents and Settings\All Users\Documents
                         C:\Documents and Settings\All Users\DRM
 Opens:
 Opens:
                         C:\Documents and Settings\All Users\Favorites
                         C:\Documents and Settings\All Users\ntuser.pol
 Opens:
                         C:\Documents and Settings\All Users\Start Menu
 Opens:
                         C:\Documents and Settings\All Users\Templates
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\desktop.ini
 Opens:
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Set Program Access and
Defaults.lnk
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Windows Catalog.lnk
                         C:\Documents and Settings\All Users\Start Menu\Windows Update.lnk
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Accessories
 Opens:
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools
                         C:\Documents and Settings\All Users\Start Menu\Programs\Adobe Reader
 Opens:
9.lnk
                         C:\Documents and Settings\All Users\Start Menu\Programs\desktop.ini
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Microsoft Office
 Opens:
Excel Viewer.lnk
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Microsoft Office
Word Viewer 2003.lnk
                         C:\Documents and Settings\All Users\Start Menu\Programs\Microsoft
PowerPoint Viewer .lnk
```

```
Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\MSN.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Python 2.7
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Startup
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Windows
Messenger.lnk
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Windows Movie
  Opens:
Maker.lnk
                                    C:\Documents and Settings\All Users\Start
  Opens:
Menu\Programs\Startup\desktop.ini
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Python 2.7\IDLE
  Opens:
(Python GUI).lnk
  Opens:
                                    C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Windows Explorer.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
  Opens
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\Module Docs.lnk
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Python
  Opens:
2.7\Python (command line).lnk
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Python
  Opens:
2.7\Python for Windows Documentation.lnk
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Python
  Opens:
2.7\Python Manuals.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\PythonWin.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\Uninstall Python.lnk
                                    C:\Documents and Settings\All Users\Start
Menu\Programs\Games\desktop.ini
                                    C:\Documents and Settings\All Users\Start
  Opens:
Menu\Programs\Games\Freecell.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Games\Hearts.lnk
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
  Opens:
Backgammon.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
Checkers.lnk
  Opens:
                                    C:\Documents and Settings\Default User\Start
Opens:
                                    C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Entertainment\Windows Media
Player.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                    C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Accessibility\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
  Opens:
Hearts.lnk
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
  Opens:
Reversi.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
Spades.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start
Menu\Programs\Games\Minesweeper.lnk
                                    C:\Documents and Settings\All Users\Start
  Opens:
Menu\Programs\Games\Pinball.lnk
                                    C:\Documents and Settings\All Users\Start
Menu\Programs\Games\Solitaire.lnk
  Opens:
                                   C:\Documents and Settings\All Users\Start Menu\Programs\Games\Spider
Solitaire.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Component Services.lnk
                                    C:\Documents and Settings\Default User\Start
  Opens:
\label{lem:lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA Menu\Programs\Accessories\Accessibility\Magnifier.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA Menu\Programs\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Accessories\Acces
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Computer Management.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Data Sources (ODBC).lnk
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\desktop.ini
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Event Viewer.lnk
                                    C:\Documents and Settings\Default User\Start
  Opens:
Menu\Programs\Accessories\Accessibility\Narrator.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
  Opens:
Tools\Local Security Policy.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Performance.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Services.lnk
                                    C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Accessibility
                                    C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Calculator.lnk
                                    C:\Documents and Settings\All Users\Start
  Opens:
Menu\Programs\Accessories\Communications
  Opens:
                                    C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\desktop.ini
                                   C:\Documents and Settings\All Users\Start
  Opens:
{\tt Menu \backslash Programs \backslash Accessories \backslash Entertainment}
  Opens:
                                    C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Paint.lnk
                                    C:\Documents and Settings\All Users\Start
  Opens:
Menu\Programs\Accessories\Remote Desktop Connection.lnk
  Opens:
                                    C:\Documents and Settings\All Users\Start
```

```
Menu\Programs\Accessories\System Tools
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\WordPad.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Activate Windows.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Backup.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Character Map.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\desktop.ini
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Disk Cleanup.lnk
 Opens:
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Accessibility\On-Screen Keyboard.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Disk Defragmenter.lnk
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Files and Settings Transfer Wizard.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Scheduled Tasks.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Security Center.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\System Information.lnk
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\System Restore.lnk
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Entertainment\desktop.ini
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Entertainment\Sound Recorder.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\Entertainment\Volume Control.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\Communications\desktop.ini
                         C:\Documents and Settings\All Users\Start
 Opens:
{\tt Menu\Programs\Accessories\Communications\HyperTerminal.lnk}
 Opens:
                         C:\Documents and Settings\Default User\Start
Opens:
                         C:\Documents and Settings\Default User\SendTo\Compressed (zipped)
Folder.ZFSendToTarget: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Windows
Catalog.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Windows
 Opens:
Update.lnk: Raec25ph4sudbf0hAag5ehw3Nf:$DATA
                         C:\documents and settings\all users\start menu\programs\accessories
 Opens:
 Opens:
                         C:\documents and settings\all users\start menu\programs\administrative
tools
 Opens:
                         C:\WINDOWS\Installer
 Opens:
                         C:\WINDOWS\Installer\{AC76BA86-7AD7-1033-7B44-A93000000001}
 Opens:
                         C:\Documents and Settings\All Users\Documents\desktop.ini
 Opens:
                         {\tt C:\Documents\ and\ Settings\All\ Users\Start\ Menu\Programs\Adobe\ Reader}
9.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
Menu\Programs\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\documents and settings\all users\start menu\programs\games
 Opens:
                         C:\WINDOWS\Installer\{95120000-003F-0409-0000-0000000FF1CE}
 Opens:
                         {\tt C:\Documents\ and\ Settings\All\ Users\Start\ Menu\Programs\Microsoft\ Office}
 Opens:
Excel Viewer.lnk: Raec25ph4sudbf0hAag5ehw3Nf:$DATA
                         C:\WINDOWS\Installer\{90850409-6000-11D3-8CFE-0150048383C9}
 Opens:
 Opens:
                         {\tt C:\Documents\ and\ Settings\All\ Users\Start\ Menu\Programs\Microsoft\ Office}
Word Viewer 2003.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\WINDOWS\Installer\{95140000-00AF-0409-0000-0000000FF1CE}
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Microsoft
PowerPoint Viewer .lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\MSN.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\documents and settings\all users\start menu\programs\python 2.7
                         C:\documents and settings\all users\start menu\programs\startup
 Opens:
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Windows
Messenger.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Windows Movie
Maker.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Startup\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\WINDOWS\Installer\{C3CC4DF5-39A5-4027-B136-2B3E1F5AB6E2}
                         C:\Documents and Settings\All Users\Start Menu\Programs\Python 2.7\IDLE
(Python GUI).lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Python
 Opens:
2.7\Module Docs.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Python
 Opens:
2.7\Python (command line).lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Python
 Opens:
2.7\Python for Windows Documentation.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         {\tt C:\Documents\ and\ Settings\All\ Users\Start\ Menu\Programs\Python}
 Opens:
2.7\Python Manuals.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\PythonWin.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\Uninstall Python.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
```

```
Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Games\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Games\Freecell.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Games\Hearts.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
 Opens:
Backgammon.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         {\tt C:\Documents\ and\ Settings\All\ Users\Start\ Menu\Programs\Games\Internet}
 Opens:
Checkers.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Communications\Network Connections.lnk
                         {\tt C:\Documents\ and\ Settings\All\ Users\Start\ Menu\Programs\Games\Internet}
 Opens:
Hearts.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
  Opens:
Menu\Programs\Accessories\Communications\Network Setup Wizard.lnk
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Communications\New Connection Wizard.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\Communications\Wireless Network Setup Wizard.lnk
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\Accessibility\Accessibility Wizard.lnk
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Accessibility\desktop.ini
                         C:\Documents and Settings\All Users\DRM\drmv2.lic
  Opens:
                         C:\Documents and Settings\All Users\DRM\drmv2.sst
  Opens:
                         C:\Documents and Settings\All Users\Documents\My Music
 Opens:
  Opens:
                         C:\Documents and Settings\All Users\Documents\My Pictures
  Opens:
                         C:\Documents and Settings\All Users\Documents\My Videos
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Videos\Desktop.ini
                         C:\Documents and Settings\All Users\Documents\My Pictures\Desktop.ini
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Pictures\Sample
 Opens:
Pictures
                         C:\Documents and Settings\All Users\Documents\My Pictures\Sample
 Opens:
Pictures\Blue hills.jpg
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Pictures\Sample
Pictures\desktop.ini
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Pictures\Sample
Pictures\Sunset.jpg
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Pictures\Sample
Pictures\Water lilies.jpg
                         C:\Documents and Settings\All Users\Documents\My Pictures\Sample
 Opens:
Pictures\Winter.jpg
                         C:\Documents and Settings\All Users\Documents\My Music\Desktop.ini
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\My Playlists
 Opens:
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample Music
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample Playlists
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
  Opens:
Reversi.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst1.wpl
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
 Opens:
Playlists\000C5A7A\Plylst10.wpl
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst11.wpl
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
 Opens:
Playlists\000C5A7A\Plylst12.wpl
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst13.wpl
 Opens
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
Spades.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Games\Minesweeper.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Games\Pinball.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Games\Solitaire.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Spider
 Opens:
Solitaire.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Component Services.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
 Opens:
Tools\Computer Management.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Data Sources (ODBC).lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
 Opens:
Tools\Event Viewer.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
 Opens:
Tools\Local Security Policy.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
 Opens:
Tools\Performance.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Services.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\documents and settings\all users\start
 Opens:
menu\programs\accessories\accessibility
                         C:\Documents and Settings\All Users\Start
 Opens:
```

```
Menu\Programs\Accessories\Calculator.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\documents and settings\all users\start
menu\programs\accessories\communications
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\documents and settings\all users\start
 Opens:
menu\programs\accessories\entertainment
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\Paint.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Remote Desktop Connection.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\documents and settings\all users\start
menu\programs\accessories\system tools
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\WordPad.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
  Opens:
Menu\Programs\Accessories\System Tools\Activate Windows.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Backup.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
 Opens:
Playlists\000C5A7A\Plylst14.wpl
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst15.wpl
  Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst2.wpl
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
  Opens:
Playlists\000C5A7A\Plylst3.wpl
  Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst4.wpl
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst5.wpl
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
 Opens:
Playlists\000C5A7A\Plylst6.wpl
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
 Opens:
Playlists\000C5A7A\Plylst7.wpl
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst8.wpl
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst9.wpl
 Opens:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Music\Beethoven's Symphony No. 9 (Scherzo).wma
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
 Opens:
Music\desktop.ini
                         C:\Documents and Settings\All Users\Documents\My Music\Sample Music\New
 Opens:
Stories (Highway Blues).wma
                         C:\Documents and Settings\All Users\Desktop\Adobe Reader 9.lnk
  Opens:
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Character Map.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Application Data\Adobe
  Opens:
                         C:\Documents and Settings\All Users\Application Data\desktop.ini
  Opens:
                         C:\Documents and Settings\All Users\Application Data\Microsoft
  Opens:
                         {\tt C:\Documents\ and\ Settings\All\ Users\Application\ Data\Sun}\\
  Opens:
                         C:\Documents and Settings\Administrator\Application Data
                         C:\Documents and Settings\Administrator\Cookies
  Opens:
  Opens:
                         C:\Documents and Settings\Administrator\Desktop
                         C:\Documents and Settings\Administrator\Favorites
  Opens:
                         C:\Documents and Settings\Administrator\Local Settings
  Opens:
                         C:\Documents and Settings\Administrator\My Documents
  Opens:
  Opens:
                         C:\Documents and Settings\Administrator\NetHood
                         {\tt C:\Documents\ and\ Settings\Administrator\NTUSER.DAT}
  Opens:
  Opens:
                         {\tt C:\Documents\ and\ Settings\backslash Administrator\backslash NTUSER.DAT.LOG}
 Opens:
                         C:\Documents and Settings\Administrator\ntuser.ini
  Opens:
                         C:\Documents and Settings\Administrator\PrintHood
  Opens:
                         C:\Documents and Settings\Administrator\Recent
                         C:\Documents and Settings\Administrator\SendTo
  Opens:
  Opens:
                         C:\Documents and Settings\Administrator\Start Menu
  Opens:
                         C:\Documents and Settings\Administrator\Templates
  Opens:
                         C:\Documents and Settings\Administrator\Templates\amipro.sam
                         C:\Documents and Settings\Administrator\Templates\excel.xls
  Opens:
                         C:\Documents and Settings\Administrator\Templates\excel4.xls
  Opens:
                         C:\Documents and Settings\Administrator\Templates\lotus.wk4
 Opens:
                         {\tt C:\Documents\ and\ Settings\Administrator\Templates\powerpnt.ppt}
 Opens:
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Disk Cleanup.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Disk Defragmenter.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Files and Settings Transfer
Wizard.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Scheduled Tasks.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\Security Center.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\System Information.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\All Users\Start
 Opens:
Menu\Programs\Accessories\System Tools\System Restore.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\All Users\Start
```

```
Menu\Programs\Accessories\Entertainment\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Default
User\Templates\quattro.wb2: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\WINDOWS\system32\verclsid.exe
 Opens:
 Opens:
                         C:\WINDOWS\system32\verclsid.exe.Manifest
 Opens:
                         C:\WINDOWS\Prefetch\VERCLSID.EXE-3667BD89.pf
 Opens:
                         C:\WINDOWS\system32\shdocvw.dll
 Opens:
                         C:\WINDOWS\system32\cryptui.dll
                         C:\WINDOWS\system32\wininet.dll
 Opens:
 Opens:
                         C:\WINDOWS\system32\imagehlp.dll
                         C:\WINDOWS\system32\wldap32.dll
 Opens:
 Opens:
                         C:\WINDOWS\system32\riched20.dll
 Opens:
                         C:\WINDOWS\system32\userenv.dll
 Opens:
                         C:\WINDOWS\system32\shmedia.dll
                         C:\WINDOWS\system32\msvfw32.dll
 Opens:
                         C:\WINDOWS\system32\avifil32.dll
 Opens:
 Opens:
                         C:\WINDOWS\system32\verclsid.exe.124.Manifest
 Opens:
                         C:\WINDOWS\system32\COMCTL32.dll.124.Manifest
                         C:\WINDOWS\system32\COMCTL32.dll.124.Config
 Opens:
 Opens:
                         C:\Documents and Settings\Administrator\Templates\presenta.shw
                         C:\Documents and Settings\Administrator\Templates\quattro.wb2
 Opens:
                         {\tt C:\Documents\ and\ Settings\Administrator\Templates\sndrec.wav}
 Opens:
 Opens:
                         {\tt C:\Documents\ and\ Settings\Administrator\Templates\winword.doc}
 Opens:
                         C:\Documents and Settings\Administrator\Templates\winword2.doc
 Opens:
                         C:\Documents and Settings\Administrator\Templates\wordpfct.wpd
                         C:\Documents and Settings\Administrator\Templates\wordpfct.wpg
 Opens:
 Opens:
                         C:\Documents and Settings\Administrator\Start Menu\desktop.ini
 Opens:
                         C:\Documents and Settings\Administrator\Start Menu\Programs
                         C:\Documents and Settings\Administrator\Start Menu\Programs\Accessories
 Opens:
 Opens:
                         C:\Documents and Settings\Administrator\Start Menu\Programs\desktop.ini
 Opens:
                         C:\Documents and Settings\Administrator\Start Menu\Programs\Remote
Assistance.lnk
                         C:\Documents and Settings\Administrator\Start Menu\Programs\Startup
 Opens:
                         C:\Documents and Settings\Administrator\Start Menu\Programs\Windows
 Opens:
Media Player.lnk
 Opens:
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Startup\desktop.ini
 Opens:
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility
                         C:\Documents and Settings\Administrator\Start
 Opens:
Menu\Programs\Accessories\Command Prompt.lnk
                         C:\Documents and Settings\Administrator\Start
 Opens:
Menu\Programs\Accessories\desktop.ini
                         C:\Documents and Settings\Administrator\Start
 Opens:
Menu\Programs\Accessories\Entertainment
                         C:\Documents and Settings\Administrator\Start
 Opens:
Menu\Programs\Accessories\Notepad.lnk
 Opens:
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Program Compatibility Wizard.lnk
 Opens:
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Synchronize.lnk
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Tour Windows XP.lnk
                         C:\Documents and Settings\Administrator\Start
 Opens:
Menu\Programs\Accessories\Windows Explorer.lnk
                         C:\Documents and Settings\Administrator\Start
 Opens:
Menu\Programs\Accessories\Entertainment\desktop.ini
                         C:\Documents and Settings\Administrator\Start
 Opens:
Menu\Programs\Accessories\Entertainment\Windows Media Player.lnk
 Opens:
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\desktop.ini
 Opens:
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\Magnifier.lnk
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\Narrator.lnk
 Opens:
                         C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\On-Screen Keyboard.lnk
                         C:\Documents and Settings\Administrator\Start
 Opens:
Menu\Programs\Accessories\Accessibility\Utility Manager.lnk
                         C:\Documents and Settings\Administrator\SendTo\Compressed (zipped)
 Opens:
Folder.ZFSendToTarget
 Opens:
                         C:\Documents and Settings\Administrator\SendTo\Desktop (create
shortcut).DeskLink
 Opens:
                         C:\Documents and Settings\Administrator\SendTo\desktop.ini
 Opens:
                         C:\Documents and Settings\Administrator\SendTo\Mail Recipient.MAPIMail
 Opens:
                         C:\Documents and Settings\Default
User\Templates\winword2.doc: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Default
User\Templates\wordpfct.wpd: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Default
 Opens:
User\Templates\wordpfct.wpg: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Default User\Start
 Opens:
Menu\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\documents and settings\default user\start menu\programs
 Opens:
 Opens:
                         {\tt C:\documents\ and\ settings\backslash default\ user\backslash start\ menu\backslash programs\backslash accessories}
 Opens:
                         C:\Documents and Settings\Default User\Start
Menu\Programs\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Default User\Start Menu\Programs\Remote
 Opens:
Assistance.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\documents and settings\default user\start menu\programs\startup
 Opens:
```

```
Opens:
                                                C:\Documents and Settings\Default User\Start Menu\Programs\Windows Media
Player.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                C:\Documents and Settings\Default User\Start
   Opens:
Menu\Programs\Startup\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                                C:\documents and settings\default user\start
menu\programs\accessories\accessibility
                                                C:\Documents and Settings\All Users\Start
   Opens:
\begin{tabular}{ll} Menu\Programs\Accessories\Entertainment\Sound\ Recorder.lnk:\ Raec25ph4sudbf0hAaq5ehw3Nf:$DATA \\ \end{tabular} \begin{tabular}{ll} Accessories\Entertainment\Sound\ Recorder.lnk:\ Raec25ph4sudbf0hAaq5ehw3Nf:$DATA \\ \end{tabular} \begin{tabular}{ll} Accessories\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertainment\Entertai
                                                C:\Documents and Settings\Administrator\Local Settings\Application Data
   Opens:
                                                {\tt C:\Documents\ and\ Settings\backslash Administrator\backslash Local\ Settings\backslash desktop.ini}
   Opens:
                                                C:\Documents and Settings\Administrator\Local Settings\History
   Opens:
   Opens:
                                                C:\Documents and Settings\Administrator\Local Settings\Temp
   Opens:
                                                C:\Documents and Settings\Administrator\Local Settings\Temporary
Internet Files
                                                C:\Documents and Settings\Administrator\Cookies\index.dat
    Opens:
                                                C:\Documents and Settings\Administrator\Application Data\desktop.ini
   Opens:
                                                C:\Documents and Settings\Administrator\Application Data\Microsoft
   Opens:
   Opens:
                                                C:\Documents and Settings\Admin\Application Data
   Opens:
                                                C:\Documents and Settings\Admin\Cookies
   Opens:
                                                C:\Documents and Settings\Admin\Desktop
   Opens:
                                                C:\Documents and Settings\Admin\Favorites
   Opens:
                                                C:\Documents and Settings\Admin\IECompatCache
   Opens:
                                                {\tt C:\Documents\ and\ Settings\Admin\IETldCache}
   Opens:
                                                C:\Documents and Settings\Admin\Local Settings
   Opens:
                                                C:\Documents and Settings\Admin\My Documents
   Opens:
                                                C:\Documents and Settings\Admin\NetHood
   Opens:
                                                C:\Documents and Settings\Admin\NTUSER.DAT
   Opens:
                                                C:\Documents and Settings\Admin\NTUSER.DAT.LOG
                                                C:\Documents and Settings\Admin\ntuser.ini
   Opens:
   Opens:
                                                C:\Documents and Settings\Admin\PrintHood
   Opens:
                                                C:\Documents and Settings\Admin\PrivacIE
                                                C:\Documents and Settings\Admin\Recent
   Opens:
                                                C:\Documents and Settings\Admin\SendTo
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu
   Opens:
   Opens:
                                                C:\Documents and Settings\Admin\Templates
                                                {\tt C:\Documents\ and\ Settings\Admin\Templates\amipro.sam}
   Opens:
   Opens:
                                                C:\Documents and Settings\Admin\Templates\excel.xls
   Opens:
                                                C:\Documents and Settings\Admin\Templates\excel4.xls
                                                C:\Documents and Settings\All Users\Documents\My
Videos\Desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                C:\Documents and Settings\All Users\Documents\My
Pictures\Desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                                C:\documents and settings\all users\documents\my pictures\sample
pictures
   Opens:
                                                C:\WINDOWS\system32\shimgvw.dll
   Opens:
\textbf{C:} \\ \dot{\textbf{WINDOWS}} \\ \textbf{WinSxS} \\ \textbf{x86\_Microsoft.Windows.GdiPlus\_6595b64144ccf1df\_1.0.2600.5512\_x-ww\_dfb54e0cd} \\ \textbf{x86\_Microsoft.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Windows.Win
   Opens:
C:\WINDOWS\WinSxS\x86_Microsoft.Windows.GdiPlus_6595b64144ccf1df_1.0.2600.5512_x-
ww_dfb54e0c\GdiPlus.dll
   Opens:
                                                C:\WINDOWS\system32\shimgvw.dll.123.Manifest
   Opens:
                                                C:\WINDOWS\system32\shimgvw.dll.123.Config
   Opens:
                                                C:\Documents and Settings\Admin\Templates\lotus.wk4
                                                C:\Documents and Settings\Admin\Templates\powerpnt.ppt
   Opens:
   Opens:
                                                C:\Documents and Settings\Admin\Templates\presenta.shw
   Opens:
                                                C:\Documents and Settings\Admin\Templates\quattro.wb2
   Opens:
                                                \hbox{\tt C:\Documents\ and\ Settings\Admin\Templates\s.} \\
                                                \hbox{\tt C:\Documents\ and\ Settings\Admin\Templates\winword.doc}
   Opens:
                                                C:\Documents and Settings\Admin\Templates\winword2.doc
   Opens:
   Opens:
                                                C:\Documents and Settings\Admin\Templates\wordpfct.wpd
   Opens:
                                                C:\Documents and Settings\Admin\Templates\wordpfct.wpg
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\desktop.ini
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Accessories
                                                C:\Documents and Settings\Admin\Start Menu\Programs\desktop.ini
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Internet
   Opens:
Explorer.lnk
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Outlook Express.lnk
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Remote
Assistance.lnk
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Startup
   Opens:
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Windows Media
Player.lnk
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Startup\desktop.ini
                                                C:\Documents and Settings\Admin\Start
   Opens:
Menu\Programs\Accessories\Accessibility
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Address
   Opens:
Book.lnk
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Command
Prompt.lnk
   Opens:
                                                C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\desktop.ini
                                                C:\Documents and Settings\Admin\Start
   Opens:
Menu\Programs\Accessories\Entertainment
                                                C:\Documents and Settings\Admin\Start
   Opens:
Menu\Programs\Accessories\Notepad.lnk
   Opens:
                                                C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Program
Compatibility Wizard.lnk
                                                C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Synchronize.lnk
```

```
Opens:
                          C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\System
Tools
                          C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Tour
 Opens:
Windows XP.lnk
 Opens:
                          C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Windows
Explorer.lnk
 Opens:
                          C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\System
Tools\Internet Explorer (No Add-ons).lnk
 Opens:
                          C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Entertainment\desktop.ini
 Opens:
                          C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Entertainment\Windows Media Player.lnk
                          C:\Documents and Settings\Admin\Start
 Opens:
Menu\Programs\Accessories\Accessibility\desktop.ini
                          C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Accessibility\Magnifier.lnk
 Opens:
                          C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Accessibility\Narrator.lnk
                          C:\Documents and Settings\Admin\Start
 Opens:
Menu\Programs\Accessories\Accessibility\On-Screen Keyboard.lnk
                          C:\Documents and Settings\Admin\Start
 Opens:
Menu\Programs\Accessories\Accessibility\Utility Manager.lnk
 Opens:
                          {\tt C:\Documents\ and\ Settings\Admin\SendTo\Compressed\ (zipped)}
Folder.ZFSendToTarget
                          C:\Documents and Settings\Admin\SendTo\Desktop (create
 Opens:
shortcut).DeskLink
 Opens:
                          C:\Documents and Settings\Admin\SendTo\desktop.ini
 Opens:
                          C:\Documents and Settings\Admin\SendTo\Mail Recipient.MAPIMail
                          C:\Documents and Settings\Admin\SendTo\My Documents.mydocs
 Opens:
 Opens:
                          C:\Documents and Settings\Admin\Recent\Desktop.ini
 Opens:
                          C:\Documents and Settings\Admin\Recent\fp_11.0.1.152_archive.lnk
                          C:\Documents and Settings\Admin\PrivacIE\index.dat
 Opens:
                          C:\Documents and Settings\Admin\My Documents\desktop.ini
 Opens:
                          C:\Documents and Settings\Admin\My Documents\My Music
 Opens:
                          C:\Documents and Settings\Admin\My Documents\My Pictures
C:\Documents and Settings\Admin\My Documents\My Pictures\Desktop.ini
 Opens:
 Opens:
 Opens:
                          {\tt C:\Documents\ and\ Settings\Admin\My\ Documents\My\ Pictures\Sample}
Pictures.lnk
                          C:\Documents and Settings\Admin\My Documents\My Music\Desktop.ini
 Opens:
 Opens:
                          C:\Documents and Settings\Admin\My Documents\My Music\Sample Music.lnk
 Opens:
                          C:\Documents and Settings\Admin\Local Settings\Application Data
 Opens:
                          C:\Documents and Settings\Admin\Local Settings\desktop.ini
 Opens:
                          C:\Documents and Settings\Admin\Local Settings\History
 Opens:
                          C:\Documents and Settings\Admin\Local Settings\Temp
                          C:\Documents and Settings\Admin\Local Settings\Temporary Internet Files
 Opens:
                          {\tt C:\Documents\ and\ Settings\Admin\IETldCache\index.dat}
 Opens:
                          {\tt C:\Documents\ and\ Settings\Admin\IECompatCache\index.dat}
 Opens:
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Desktop.ini
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Links
 Opens:
                          C:\Documents and Settings\All Users\Documents\My Pictures\Sample
Pictures\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Microsoft Websites
 Opens:
                          C:\Documents and Settings\Admin\Favorites\MSN.com.url
                          C:\Documents and Settings\Admin\Favorites\Radio Station Guide.url
 Opens:
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Microsoft Websites\IE Add-on
site.url
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Microsoft Websites\IE site on
Microsoft.com.url
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Microsoft Websites\Microsoft
At Home.url
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Microsoft Websites\Microsoft
At Work.url
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Microsoft Websites\Microsoft
Store.url
                          C:\Documents and Settings\Admin\Favorites\Links\desktop.ini
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Links\Free Hotmail.url
 Opens:
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Links\Suggested Sites.url
 Opens:
                          C:\Documents and Settings\Admin\Favorites\Links\Web Slice Gallery.url
 Opens:
                          C:\Documents and Settings\Admin\Cookies\admin@c1.microsoft[2].txt
                          C:\Documents and Settings\Admin\Cookies\admin@microsoft[1].txt
 Opens:
                          {\tt C:\Documents\ and\ Settings\Admin\Cookies\admin@rto.microsoft[1].txt}
 Opens:
                          C: \verb|\Documents| and Settings \verb|\Admin| Cookies \verb|\admin| @search.microsoft| [1].txt
 Opens:
 Opens:
                          {\tt C:\Documents\ and\ Settings\Admin\Cookies\admin@www.microsoft[2].txt}
 Opens:
                          C:\Documents and Settings\Admin\Cookies\admin@www.microsoft[3].txt
                          C:\Documents and Settings\All Users\Documents\My
Music\Desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                          C:\Documents and Settings\Admin\Cookies\index.dat
  Opens:
                          C:\Documents and Settings\Admin\Application Data\Adobe
 Opens:
 Opens:
                          C:\Documents and Settings\Admin\Application Data\desktop.ini
 Opens:
                          C:\Documents and Settings\Admin\Application Data\Identities
 Opens:
                          C:\Documents and Settings\Admin\Application Data\Macromedia
                          C:\Documents and Settings\Admin\Application Data\Microsoft
 Opens:
                          C:\Documents and Settings\Admin\Application Data\Oracle
 Opens:
 Opens:
                          C:\Documents and Settings\Admin\Application Data\Sun
 Opens:
                          {\tt C:\documents\ and\ settings\all\ users\documents\mbox{\sc my playlists}}
 Opens:
                          C:\documents and settings\all users\documents\my music\sample music
 Opens:
                          {\tt C:\documents\and\ settings\all\ users\documents\mbox{\sc music\sc ample\ playlists}}
 Opens:
                          C:\documents and settings\all users\documents\my music\sample
playlists\000c5a7a
 Opens:
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
```

```
Playlists\000C5A7A\Plylst1.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst10.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
   Opens:
Playlists\000C5A7A\Plylst11.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
  Opens:
Playlists\000C5A7A\Plylst12.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
  Opens:
Playlists\000C5A7A\Plylst13.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
  Opens:
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists \verb|\\000C5A7A\\| Plylst14.wpl|: Raec25ph4sudbf0hAaq5ehw3Nf|: \$DATA|| And the substitution of the 
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
  Opens:
Playlists\000C5A7A\Plylst15.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
  Opens:
                                      {\tt C:\Documents\ and\ Settings\All\ Users\Documents\My\ Music\Sample}
Playlists\000C5A7A\Plylst2.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst3.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
  Opens:
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst4.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
   Opens:
Playlists\000C5A7A\Plylst5.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
  Opens:
C:\Documents and Settings\All Users\Documents\My Music\Sample
   Opens:
Playlists\000C5A7A\Plylst7.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst8.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst9.wpl: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                      C:\AUTOEXEC.BAT
   Opens:
                                      C:\boot.ini
                                      C:\CONFIG.SYS
  Opens:
   Opens:
                                      C:\dump.pcap
   Opens:
                                      C:\exception.log
   Opens:
                                      C:\TO.SYS
                                      C:\MSDOS.SYS
   Opens:
   Opens:
                                      C:\NTDETECT.COM
   Opens:
                                      C:\ntldr
                                      C:\pagefile.sys
   Opens:
   Opens:
                                      C:\Program Files
   Opens:
                                      C:\static_events.gpb
   Opens:
                                      C:\System Volume Information
   Opens:
                                      C:\WINDOWS\0.log
                                      C:\WINDOWS\addins
   Opens:
                                      C:\WINDOWS\AppPatch
   Opens:
                                      C:\WINDOWS\Blue Lace 16.bmp
   Opens:
                                      C:\WINDOWS\bootstat.dat
   Opens:
   Opens:
                                      C:\WINDOWS\clock.avi
   Opens:
                                      C:\WINDOWS\cmsetacl.log
   Opens:
                                      C:\WINDOWS\Coffee Bean.bmp
   Opens:
                                      C:\WINDOWS\comsetup.log
   Opens:
                                      C:\WINDOWS\Config
   Opens:
                                      C:\WINDOWS\Connection Wizard
                                      C:\WINDOWS\control.ini
   Opens:
   Opens:
                                      C:\WINDOWS\CSC
                                      C:\WINDOWS\Cursors
   Opens:
                                      C:\WINDOWS\Debug
   Opens:
   Opens:
                                      C:\WINDOWS\desktop.ini
                                      C:\WINDOWS\Downloaded Program Files
   Opens:
                                      C:\WINDOWS\Driver Cache
   Opens:
                                      C:\WINDOWS\DtcInstall.log
   Opens:
   Opens:
                                      C:\WINDOWS\ehome
   Opens:
                                      C:\WINDOWS\explorer.exe
   Opens:
                                      C:\WINDOWS\explorer.scf
                                      C:\WINDOWS\FaxSetup.log
   Opens:
   Opens:
                                      C:\WINDOWS\FeatherTexture.bmp
   Opens:
                                      C:\WINDOWS\Fonts
   Opens:
                                      C:\WINDOWS\Gone Fishing.bmp
   Opens:
                                      C:\WINDOWS\Greenstone.bmp
   Opens:
                                      C:\WINDOWS\Help
                                      C:\WINDOWS\hh.exe
   Opens:
   Opens:
                                      C:\WINDOWS\ie8
   Opens:
                                      C:\WINDOWS\ie8.log
   Opens:
                                      C:\WINDOWS\system32\wmvcore.dll
   Opens:
                                      C:\WINDOWS\system32\drmclien.dll
   Opens:
                                      C:\WINDOWS\system32\msdmo.dll
                                      C:\WINDOWS\system32\wmasf.dll
   Opens:
   Opens:
                                      C:\WINDOWS\system32\wmidx.dll
   Opens:
                                      C:\WINDOWS\system32\wsock32.dll
   Opens:
                                      C:\WINDOWS\system32\urlmon.dll.123.Manifest
   Opens:
                                      C:\WINDOWS\system32\urlmon.dll.123.Config
                                      C:\WINDOWS\system32\WININET.dll.123.Manifest
   Opens:
                                      C:\WINDOWS\system32\WININET.dll.123.Config
   Opens:
                                      C:\Documents and Settings\All Users\Documents\My Music\Sample
  Opens:
Music\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                      C:\Documents and Settings\All Users\Desktop\Adobe Reader
9.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                      C:\documents and settings\administrator\application data
   Opens:
                                      C:\documents and settings\administrator\cookies
  Opens:
                                      C:\documents and settings\administrator\desktop
```

```
Opens:
                                                    C:\documents and settings\administrator\favorites
   Opens:
                                                    C:\documents and settings\administrator\local settings
   Opens:
                                                    C:\documents and settings\administrator\my documents
   Opens:
                                                    C:\documents and settings\administrator\nethood
                                                    C:\Documents and
   Opens:
Settings\Administrator\ntuser.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                    C:\documents and settings\administrator\printhood
   Opens:
                                                    C:\documents and settings\administrator\recent
   Opens:
                                                    {\tt C:\documents\ and\ settings\administrator\sendto}\\
   Opens:
   Opens:
                                                    {\tt C:\documents\ and\ settings\administrator\start\ menu}
   Opens:
                                                    C:\documents and settings\administrator\templates
   Opens:
                                                    C:\Documents and
Settings \verb| Administrator \verb| Templates \verb| amipro.sam: Raec 25ph 4 sudb f 0 h Aaq 5 ehw 3 Nf: \$DATA Argument A
   Opens:
                                                    C:\Documents and
Settings\Administrator\Templates\excel4.xls: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                    C:\Documents and
Settings\Administrator\Templates\lotus.wk4: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                                    C:\Documents and
Settings\Administrator\Templates\presenta.shw: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                                    C:\Documents and
Settings\Administrator\Templates\quattro.wb2: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                                    C:\Documents and
Settings \verb|\Administrator| Templates \verb|\winword2.doc: Raec25ph4sudbf0hAaq5ehw3Nf: $DATA| Administrator $ATA| Templates $
                                                    C:\Documents and
   Opens:
Settings\Administrator\Templates\wordpfct.wpd: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                    C:\Documents and
Settings\Administrator\Templates\wordpfct.wpg: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                                    C:\Documents and Settings\Administrator\Start
Menu\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                                    C:\documents and settings\administrator\start menu\programs
                                                    C:\documents and settings\administrator\start menu\programs\accessories
   Opens:
                                                    C:\Documents and Settings\Administrator\Start
   Opens:
Menu\Programs\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                   {\tt C:\Documents\ and\ Settings\Administrator\Start\ Menu\Programs\Remote}
Assistance.lnk: Raec25ph4sudbf0hAag5ehw3Nf:$DATA
                                                    {\tt C:\documents\ and\ settings\administrator\start\ menu\programs\startup}
   Opens:
   Opens:
                                                    \verb|C:\Documents| and Settings\Administrator\Start Menu\Programs\Windows|
Media Player.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                    C:\Documents and Settings\Administrator\Start
Menu\Programs\Startup\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                    C:\documents and settings\administrator\start
   Opens:
menu\programs\accessories\accessibility
   Opens:
                                                   C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Command Prompt.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                   C:\Documents and Settings\Administrator\Start
   Opens:
Menu\Programs\Accessories\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                                   C:\documents and settings\administrator\start
menu\programs\accessories\entertainment
   Opens:
                                                   C:\WINDOWS\ie8 main.log
                                                   C:\WINDOWS\iis6.log
   Opens:
   Opens:
                                                    C:\WINDOWS\ime
   Opens:
                                                    C:\WINDOWS\imsins.BAK
   Opens:
                                                    C:\WINDOWS\imsins.log
   Opens:
                                                    C:\WINDOWS\inf
   Opens:
                                                    C:\WINDOWS\java
                                                    C:\WINDOWS\L2Schemas
   Opens:
   Opens:
                                                    C:\WINDOWS\MedCtrOC.log
                                                    C:\WINDOWS\Media
   Opens:
                                                    C:\WINDOWS\msagent
   Opens:
   Opens:
                                                    C:\WINDOWS\msapps
   Opens:
                                                    C:\WINDOWS\msdfmap.ini
   Opens:
                                                    C:\WINDOWS\msgsocm.log
   Opens:
                                                    C:\WINDOWS\msmqinst.log
                                                    C:\Documents and Settings\Administrator\Start
   Opens:
Menu\Programs\Accessories\Notepad.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                                    C:\WINDOWS\mui
   Opens:
                                                    C:\WINDOWS\netfxocm.log
   Opens:
                                                    C:\WINDOWS\Network Diagnostic
                                                    C:\WINDOWS\NOTEPAD.EXE
   Opens:
   Opens:
                                                    C:\WINDOWS\ntbtlog.txt
                                                    C:\WINDOWS\ntdtcsetup.log
   Opens:
                                                   C:\WINDOWS\ocgen.log
   Opens:
                                                    C:\WINDOWS\ocmsn.log
   Opens:
   Opens:
                                                    C:\WINDOWS\ODBCINST.INI
   Opens:
                                                    C:\WINDOWS\OEWABLog.txt
   Opens:
                                                    C:\WINDOWS\Offline Web Pages
                                                    C:\WINDOWS\pchealth
   Opens:
   Opens:
                                                    C:\WINDOWS\PeerNet
   Opens:
                                                    C:\WINDOWS\Prairie Wind.bmp
   Opens:
                                                    C:\WINDOWS\Prefetch
   Opens:
                                                    C:\WINDOWS\Provisioning
   Opens:
                                                    C:\WINDOWS\regedit.exe
                                                    C:\WINDOWS\REGLOCS.OLD
   Opens:
   Opens:
                                                    C:\WINDOWS\regopt.log
                                                    C:\WINDOWS\repair
   Opens:
   Opens:
                                                    C:\WINDOWS\Resources
   Opens:
                                                    C:\WINDOWS\Rhododendron.bmp
   Opens:
                                                    C:\WINDOWS\River Sumida.bmp
    Opens:
                                                    C:\WINDOWS\Santa Fe Stucco.bmp
   Opens:
                                                    C:\WINDOWS\SchedLgU.Txt
```

```
Opens:
                                               C:\WINDOWS\security
   Opens:
                                               C:\WINDOWS\sessmgr.setup.log
   Opens:
                                               C:\WINDOWS\SET3.tmp
                                               C:\WINDOWS\SET4.tmp
   Opens:
   Opens:
                                               C:\WINDOWS\SET8.tmp
                                               C:\WINDOWS\setupact.log
   Opens:
   Opens:
                                               C:\WINDOWS\setupapi.log
                                              C:\Documents and Settings\Administrator\Start
   Opens:
Menu\Programs\Accessories\Program Compatibility Wizard.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                              C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Synchronize.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Tour Windows XP.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Windows Explorer.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Entertainment\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                              C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Entertainment\Windows Media
Player.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                              C:\Documents and Settings\Administrator\Start
   Opens:
Opens:
                                              {\tt C:\Documents\ and\ Settings\Administrator\Start}
C:\Documents and Settings\Administrator\Start
   Opens:
Menu\Programs\Accessories\Accessibility\Narrator.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\On-Screen Keyboard.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and Settings\Default User\SendTo\Desktop (create
shortcut).DeskLink: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and Settings\Default
   Opens:
User\SendTo\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and Settings\Default User\SendTo\Mail
   Opens:
Recipient.MAPIMail: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                              C:\Documents and Settings\Default
   Opens:
User\Cookies\index.dat: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                              C:\documents and settings\all users\application data
   Opens:
                                               C:\documents and settings\all users\desktop
                                               C:\documents and settings\all users\documents
   Opens:
   Opens:
                                               C:\documents and settings\all users\drm
                                               C:\documents and settings\all users\favorites
   Opens:
                                               C:\Documents and Settings\All
Users\ntuser.pol: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\documents and settings\all users\start menu
   Opens:
                                               C:\documents and settings\all users\templates
   Opens:
                                               C:\Documents and Settings\All Users\Start
   Opens:
Menu\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               {\tt C:\documents\ and\ settings\all\ users\start\ menu\programs}
   Opens:
   Opens:
                                               C:\Documents and Settings\All Users\Start Menu\Set Program Access and
Defaults.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\Utility Manager.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\documents and settings\admin\start menu
                                               C:\documents and settings\admin\templates
   Opens:
   Opens:
                                               C:\Documents and
Settings\Admin\Templates\amipro.sam: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\Documents and
Settings\Admin\Templates\excel4.xls: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\Documents and
Settings \verb| Admin \verb| Templates \verb| lotus.wk4: Raec25ph4sudbf0hAaq5ehw3Nf: \$DATA | Admin \verb| Templates \verb| lotus.wk4: Raec25ph4sudbf0hAaq5ehw3Nf: \$DATA | Admin \verb| Raec25ph4sudbf0hAaq5ehw3Nf: \$DATA | Admi
   Opens:
                                               C:\Documents and
Settings\Admin\Templates\presenta.shw: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and
   Opens:
Settings\Admin\Templates\quattro.wb2: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and
   Opens:
Settings\Admin\Templates\winword2.doc: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\Documents and
Settings\Admin\Templates\wordpfct.wpd: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\Documents and
Settings \verb| Admin \verb| Templates \verb| wordpfct.wpg: Raec25ph4sudbf0hAaq5ehw3Nf: $DATA | Admin Admi
                                              C:\Documents and Settings\Admin\Start
   Opens:
Menu\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
   Opens:
                                               C:\documents and settings\admin\start menu\programs
   Opens:
                                               C:\documents and settings\admin\start menu\programs\accessories
                                               C:\Documents and Settings\Admin\Start
   Opens:
Menu\Programs\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and Settings\Admin\Start Menu\Programs\Internet
Explorer.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                              C:\Documents and Settings\Admin\Start Menu\Programs\Outlook
Express.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\Documents and Settings\Admin\Start Menu\Programs\Remote
   Opens:
Assistance.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                               C:\documents and settings\admin\start menu\programs\startup
   Opens:
                                               C:\Documents and Settings\Admin\Start Menu\Programs\Windows Media
   Opens:
Player.lnk: Raec25ph4sudbf0hAag5ehw3Nf:$DATA
   Opens:
                                               C:\Documents and Settings\Admin\Start
Opens:
                                               C:\documents and settings\admin\start
menu\programs\accessories\accessibility
                                               C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Address
   Opens:
```

```
Book.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Command
Prompt.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\Start
 Opens:
Menu\Programs\Accessories\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\documents and settings\admin\start
 Opens:
menu\programs\accessories\entertainment
                         C:\Documents and Settings\Admin\Start
 Opens:
Menu\Programs\Accessories\Notepad.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\WINDOWS\setuperr.log
                         C:\WINDOWS\setuplog.txt
 Opens:
 Opens:
                         C:\WINDOWS\Soap Bubbles.bmp
 Opens:
                         C:\WINDOWS\SoftwareDistribution
 Opens:
                         C:\WINDOWS\spupdsvc.log
                         C:\WINDOWS\srchasst
 Opens:
                         C:\WINDOWS\Sti_Trace.log
 Opens:
 Opens:
                         C:\WINDOWS\Sun
 Opens:
                         C:\WINDOWS\SxsCaPendDel
 Opens:
                         C:\WINDOWS\system
 Opens:
                         C:\WINDOWS\system.ini
 Opens:
                         C:\WINDOWS\tabletoc.log
                         C:\WINDOWS\TASKMAN.EXE
 Opens:
 Opens:
                         C:\WINDOWS\Tasks
 Opens:
                         C:\WINDOWS\Temp
                         C:\WINDOWS\tsoc.log
 Opens:
 Opens:
                         C:\WINDOWS\twain.dll
 Opens:
                         C:\WINDOWS\twain_32
                         C:\WINDOWS\twain_32.dll
 Opens:
                         C:\WINDOWS\twunk_16.exe
 Opens:
                         C:\WINDOWS\twunk_32.exe
 Opens:
 Opens:
                         C:\WINDOWS\unins000.dat
                         C:\WINDOWS\unins000.exe
 Opens:
                         C:\WINDOWS\unins001.dat
 Opens:
                         C:\WINDOWS\unins001.exe
 Opens:
                         C:\WINDOWS\updspapi.log
 Opens:
                         C:\WINDOWS\vb.ini
 Opens:
 Opens:
                         C:\WINDOWS\vbaddin.ini
 Opens:
                         C:\WINDOWS\vmmreg32.dll
                         C:\WINDOWS\WBEM
 Opens:
 Opens:
                         C:\WINDOWS\Web
 Opens:
                         C:\WINDOWS\wiadebug.log
 Opens:
                         C:\WINDOWS\wiaservc.log
 Opens:
                         C:\WINDOWS\win.ini
 Opens:
                         C:\WINDOWS\WindowsUpdate.log
 Opens:
                         C:\WINDOWS\winhelp.exe
 Opens:
                         C:\WINDOWS\winhlp32.exe
                         C:\WINDOWS\winnt.bmp
 Opens:
                         C:\WINDOWS\winnt256.bmp
 Opens:
 Opens:
                         C:\WINDOWS\wmsetup.log
 Opens:
                         C:\WINDOWS\WMSysPr9.prx
 Opens:
                         C:\WINDOWS\Zapotec.bmp
 Opens:
                         C:\WINDOWS\_default.pif
 Opens:
                         C:\WINDOWS\WinSxS\InstallTemp
                         C:\WINDOWS\WinSxS\Manifests
 Opens:
 Opens:
                         C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Program
Compatibility Wizard.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Synchronize.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\documents and settings\admin\start menu\programs\accessories\system
tools
 Opens:
                         C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Tour
Windows XP.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Windows
Explorer.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\System
Tools\Internet Explorer (No Add-ons).lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\Start
 Opens:
Menu\Programs\Accessories\Entertainment\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Entertainment\Windows Media
Player.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and Settings\Admin\Start
Opens:
                         C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Accessibility\Magnifier.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Accessibility\Narrator.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Accessibility\On-Screen Keyboard.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\Start
 Opens:
Menu\Programs\Accessories\Accessibility\Utility Manager.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\SendTo\Compressed (zipped)
 Opens:
Folder.ZFSendToTarget: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\SendTo\Desktop (create
 Opens:
shortcut).DeskLink: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
 Opens:
                         C:\Documents and
Settings\Admin\SendTo\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\SendTo\Mail
 Opens:
Recipient.MAPIMail: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                         C:\Documents and Settings\Admin\SendTo\My
 Opens:
```

```
Documents.mydocs: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                     C:\Documents and
Settings\Admin\Recent\Desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
  Opens:
                                     C:\Documents and
Settings \land Admin \land Recent \land fp\_11.0.1.152\_ archive.lnk: Raec25ph4sudbf0hAaq5ehw3Nf: \$DATA Admin \land Raec25ph4sudbf
                                     C:\Documents and Settings\Admin\My
  Opens:
Documents\desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                     {\tt C:\documents\ and\ settings\admin\mbox{\tt music}}
  Opens:
                                     {\tt C:\documents\ and\ settings\admin\mbox{\tt my\ documents\mbox{\tt my\ pictures}}}
  Opens:
  Opens:
                                     C:\Documents and Settings\Admin\My Documents\My
Pictures\Desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
  Opens:
                                     C:\Documents and Settings\Admin\My Documents\My Pictures\Sample
Pictures.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                     C:\Documents and Settings\Admin\My Documents\My
Music\Desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                     C:\Documents and Settings\Admin\My Documents\My Music\Sample
Music.lnk: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                     C:\Documents and
  Opens:
Settings\Admin\Favorites\Desktop.ini: Raec25ph4sudbf0hAaq5ehw3Nf:$DATA
                                     C:\documents and settings\admin\favorites\links
  Opens:
                                     C:\documents and settings\admin\favorites\microsoft websites
  Opens:
                                     {\tt C:\WINDOWS\system32\mlang.dll}
  Opens:
  Opens:
                                     C:\WINDOWS\system32\MLANG.dll.123.Manifest
  Opens:
                                     C:\WINDOWS\system32\MLANG.dll.123.Config
  Opens:
                                     C:\Documents and Settings\LocalService\Local Settings\Temporary Internet
Files\Content.IE5
  Opens:
                                     C:\Documents and Settings\LocalService\Local
Settings\History\History.IE5
                                     C:\Documents and Settings\LocalService\Local Settings\Temporary Internet
Files\Content.IE5\index.dat
                                     C:\Documents and Settings\LocalService\Local
  Opens:
Settings\History\History.IE5\index.dat
  Writes to:
                                     C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet state.vir
                                     C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet_state.exe
  Writes to:
                                     C:\WINDOWS\system32\cisvc.vir
  Writes to:
  Writes to:
                                     C:\WINDOWS\system32\cisvc.exe
  Writes to:
                                     C:\WINDOWS\system32\clipsrv.vir
  Writes to:
                                     C:\WINDOWS\system32\clipsrv.exe
                                     C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.vir
  Writes to:
  Writes to:
                                     C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.exe
  Writes to:
                                     C:\WINDOWS\system32\dmadmin.vir
  Writes to:
                                     C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\ngen_service.log
  Writes to:
                                     C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication
Foundation\infocard.vir
                                     C:\WINDOWS\system32\dmadmin.exe
  Writes to:
                                     C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication
  Writes to:
Foundation\infocard.exe
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiSP0000.000
  Writes to:
                                     C:\System Volume Information\catalog.wci\INDEX.000
  Writes to:
                                     C:\System Volume Information\catalog.wci\INDEX.002
  Writes to:
                                     C:\System Volume Information\catalog.wci\INDEX.001
  Writes to:
                                     {\tt C:\System\ Volume\ Information\catalog.wci\CiFLfffd.000}
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiCL0001.000
                                     C:\System Volume Information\catalog.wci\CiSL0001.000
  Writes to:
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiP10000.000
                                     C:\System Volume Information\catalog.wci\CiP20000.000
  Writes to:
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiPT0000.000
                                     C:\System Volume Information\catalog.wci\CiST0000.000
  Writes to:
                                     C:\System Volume Information\catalog.wci\propstor.bk1
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiP10000.002
  Writes to:
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiP10000.001
  Writes to:
                                     C:\System Volume Information\catalog.wci\propstor.bk2
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiP20000.002
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiP20000.001
                                     C:\System Volume Information\catalog.wci\CiVP0000.000
  Writes to:
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiPT0000.002
                                     C:\System Volume Information\catalog.wci\CiPT0000.001
  Writes to:
  Writes to:
                                     C:\System Volume Information\catalog.wci\cicat.hsh
                                     C:\System Volume Information\catalog.wci\cicat.fid
  Writes to:
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiSP0000.001
                                     C:\System Volume Information\catalog.wci\CiSP0000.002
  Writes to:
  Writes to:
                                     C:\System Volume Information\catalog.wci\00000002.ps1
  Writes to:
                                     C:\System Volume Information\catalog.wci\00000002.ps2
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiST0000.002
  Writes to:
                                     C:\System Volume Information\catalog.wci\CiST0000.001
  Writes to:
                                     {\tt C:\System\ Volume\ Information\catalog.wci\CiCL0001.002}
                                     C:\System Volume Information\catalog.wci\CiCL0001.001
  Writes to:
                                     C:\WINDOWS\Prefetch\VERCLSID.EXE-3667BD89.pf
  Writes to:
  Reads from:
                                     C:\WINDOWS\system32\oleacc.dll
  Reads from:
                                     C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet_state.exe
  Reads from:
                                     C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet_state.vir
  Reads from:
                                     C:\WINDOWS\svstem32\cisvc.exe
  Reads from:
                                     C:\WINDOWS\system32\cisvc.vir
  Reads from:
                                     C:\WINDOWS\system32\clipsrv.exe
                                     C:\WINDOWS\system32\clipsrv.vir
  Reads from:
  Reads from:
                                     C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.exe
  Reads from:
                                     C: \verb|\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorsvw.vir| \\
  Reads from:
                                     C:\WINDOWS\Registration\R00000000007.clb
  Reads from:
                                     C:\WINDOWS\Prefetch\MSCORSVW.EXE-1BF30400.pf
```

C:\WINDOWS\system32\ixsso.dll

Reads from:

```
Reads from:
                          C:\WINDOWS\system32\dllhost.exe
 Reads from:
                          C:\WINDOWS\system32\dmadmin.exe
 Reads from:
                          C:\WINDOWS\Microsoft.NET\Framework\v3.0\WPF\PresentationFontCache.exe
 Reads from:
                          {\tt C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows\ Communication}
Foundation\infocard.exe
                          C:\WINDOWS\system32\dmadmin.vir
 Reads from:
                          C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication
 Reads from:
Foundation\infocard.vir
                          C:\WINDOWS\system32\ciodm.dll
 Reads from:
 Reads from:
                          C:\WINDOWS\system32\langwrbk.dll
                          C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config
 Reads from:
 Reads from:
                          C:\WINDOWS\system32\rsaenh.dll
 Reads from:
                          C:\System\ Volume\ Information\catalog.wci\propstor.bk1
 Reads from:
                          C:\System Volume Information\catalog.wci\propstor.bk2
 Reads from:
                          C:\WINDOWS\system32\noise.dat
                          C:\Documents and Settings\NetworkService\ntuser.ini
 Reads from:
                          C:\Documents and Settings\LocalService\ntuser.ini
 Reads from:
 Reads from:
                          C:\Documents and Settings\Default User\Templates\amipro.sam
 Reads from:
                          C:\WINDOWS\system32\noise.enu
                          C:\Documents and Settings\Default User\Templates\excel.xls
 Reads from:
                          C:\Documents and Settings\Default User\Templates\excel4.xls
 Reads from:
                          {\tt C:\Documents\ and\ Settings\Default\ User\Templates\lotus.wk4}
 Reads from:
 Reads from:
                          {\tt C:\Documents\ and\ Settings\backslash Default\ User\backslash Templates\backslash presenta.shw}
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Command Prompt.lnk
  Reads from:
                          C:\Documents and Settings\Default User\Start Menu\desktop.ini
 Reads from:
                          C:\Documents and Settings\Default User\Start Menu\Programs\desktop.ini
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\desktop.ini
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Notepad.lnk
                         C:\Documents and Settings\Default User\Start
 Reads from:
Menu\Programs\Accessories\Program Compatibility Wizard.lnk
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Svnchronize.lnk
                         C:\Documents and Settings\Default User\Start
 Reads from:
Menu\Programs\Accessories\Tour Windows XP.lnk
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Windows Explorer.lnk
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Entertainment\desktop.ini
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Entertainment\Windows Media Player.lnk
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Accessibility\desktop.ini
                          C:\Documents and Settings\Default User\Start
 Reads from:
{\tt Menu\Programs\Accessories\Accessibility\Magnifier.lnk}
                          C:\Documents and Settings\Default User\Start
 Reads from:
Menu\Programs\Accessories\Accessibility\Narrator.lnk
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Accessibility\On-Screen Keyboard.lnk
 Reads from:
                          C:\Documents and Settings\Default User\Start
Menu\Programs\Accessories\Accessibility\Utility Manager.lnk
                          C:\Documents and Settings\Default User\SendTo\desktop.ini
 Reads from:
 Reads from:
                          C:\Documents and Settings\Default User\SendTo\Compressed (zipped)
Folder.ZFSendToTarget
                          C:\Documents and Settings\All Users\Start Menu\Windows Catalog.lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\desktop.ini
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Windows Update.lnk
 Reads from:
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Adobe Reader
9.lnk
 Reads from:
                          C:\Documents and Settings\All Users\Documents\desktop.ini
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\desktop.ini
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Microsoft Office
Excel Viewer.lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Microsoft Office
Word Viewer 2003.lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Microsoft
PowerPoint Viewer .lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\MSN.lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Windows
Messenger.lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Windows Movie
Maker.lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start
Menu\Programs\Startup\desktop.ini
                          C:\Documents and Settings\All Users\Start Menu\Programs\Python 2.7\IDLE
 Reads from:
(Python GUI).lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\Module Docs.lnk
                          C:\Documents and Settings\All Users\Start Menu\Programs\Python
 Reads from:
2.7\Pvthon (command line).lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\Python for Windows Documentation.lnk
                          C:\Documents and Settings\All Users\Start Menu\Programs\Python
 Reads from:
2.7\Python Manuals.lnk
 Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\PythonWin.lnk
  Reads from:
                          C:\Documents and Settings\All Users\Start Menu\Programs\Python
2.7\Uninstall Python.lnk
```

```
Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Games\desktop.ini
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Games\Freecell.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Hearts.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
Backgammon.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
Checkers.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
Hearts.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
Reversi.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Internet
Spades.lnk
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Games\Minesweeper.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Games\Pinball.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Games\Solitaire.lnk
                         C:\Documents and Settings\All Users\Start Menu\Programs\Games\Spider
 Reads from:
Solitaire.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Component Services.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\desktop.ini
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Computer Management.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Data Sources (ODBC).lnk
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
 Reads from:
Tools\Event Viewer.lnk
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
 Reads from:
Tools\Local Security Policy.lnk
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
 Reads from:
Tools\Performance.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start Menu\Programs\Administrative
Tools\Services.lnk
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Accessories\Calculator.lnk
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Accessories\desktop.ini
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Paint.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Remote Desktop Connection.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\WordPad.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Activate Windows.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\desktop.ini
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Accessories\System Tools\Backup.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Svstem Tools\Character Map.lnk
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Accessories\System Tools\Disk Cleanup.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
{\tt Menu\Programs\Accessories\System\ Tools\Disk\ Defragmenter.lnk}
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Files and Settings Transfer Wizard.lnk
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Accessories\System Tools\Scheduled Tasks.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\System Tools\Security Center.lnk
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Accessories\System Tools\System Information.lnk
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Accessories\System Tools\System Restore.lnk
                         C:\Documents and Settings\All Users\Start
 Reads from:
Menu\Programs\Accessories\Entertainment\desktop.ini
 Reads from:
                         C:\Documents and Settings\Default User\Templates\quattro.wb2
 Reads from:
                         C:\WINDOWS\Prefetch\VERCLSID.EXE-3667BD89.pf
 Reads from:
                         {\tt C:\Documents\ and\ Settings\backslash Default\ User\backslash Templates\backslash winword.doc}
                         C:\Documents and Settings\Default User\Templates\winword2.doc
 Reads from:
                         C:\Documents and Settings\Default User\Templates\wordpfct.wpd
  Reads from:
 Reads from:
                         C:\Documents and Settings\Default User\Templates\wordpfct.wpg
 Reads from:
                         C:\Documents and Settings\Default User\Start Menu\Programs\Remote
Assistance.lnk
 Reads from:
                         C:\Documents and Settings\Default User\Start Menu\Programs\Windows Media
Player.lnk
 Reads from:
                         C:\Documents and Settings\Default User\Start
Menu\Programs\Startup\desktop.ini
 Reads from:
                         C:\Documents and Settings\All Users\Start
Menu\Programs\Accessories\Entertainment\Sound Recorder.lnk
 Reads from:
                         C:\Documents and Settings\All Users\Documents\My Videos\Desktop.ini
  Reads from:
                         C:\Documents and Settings\All Users\Documents\My Pictures\Desktop.ini
```

C:\Documents and Settings\All Users\Documents\My Pictures\Sample

Reads from:

```
Pictures\desktop.ini
                          C:\Documents and Settings\All Users\Documents\My Pictures\Sample
  Reads from:
Pictures\Blue hills.jpg
 Reads from:
                          C:\Documents and Settings\All Users\Documents\My Pictures\Sample
Pictures\Sunset.jpg
                          C:\Documents and Settings\All Users\Documents\My Pictures\Sample
 Reads from:
Pictures\Water lilies.jpg
                          C:\Documents and Settings\All Users\Documents\My Pictures\Sample
 Reads from:
Pictures\Winter.jpg
 Reads from:
                          C:\Documents and Settings\All Users\Documents\My Music\Desktop.ini
  Reads from:
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst1.wpl
  Reads from:
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst10.wpl
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
  Reads from:
Playlists\000C5A7A\Plylst11.wpl
  Reads from:
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst12.wpl
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
 Reads from:
Playlists\000C5A7A\Plylst13.wpl
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
 Reads from:
Playlists\000C5A7A\Plylst14.wpl
 Reads from:
                          {\tt C:\Documents\ and\ Settings\All\ Users\Documents\My\ Music\Sample}
Playlists\000C5A7A\Plylst15.wpl
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
 Reads from:
Playlists\000C5A7A\Plylst2.wpl
 Reads from:
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst3.wpl
  Reads from:
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst4.wpl
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
 Reads from:
Playlists\000C5A7A\Plylst5.wpl
 Reads from:
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
Playlists\000C5A7A\Plylst6.wpl
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
 Reads from:
Playlists\000C5A7A\Plylst7.wpl
  Reads from:
                          {\tt C:\Documents\ and\ Settings\All\ Users\Documents\My\ Music\Sample}
Playlists\000C5A7A\Plylst8.wpl
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
  Reads from:
Playlists\000C5A7A\Plylst9.wpl
 Reads from:
                         C:\Documents and Settings\All Users\Documents\My Music\Sample
Music\desktop.ini
                          C:\Documents and Settings\All Users\Documents\My Music\Sample
 Reads from:
Music\Beethoven's Symphony No. 9 (Scherzo).wma
                         C:\Documents and Settings\All Users\Documents\My Music\Sample Music\New
 Reads from:
Stories (Highway Blues).wma
  Reads from:
                          {\tt C:\Documents\ and\ Settings\All\ Users\Desktop\Adobe\ Reader\ 9.lnk}
  Reads from:
                          C:\Documents and Settings\Administrator\ntuser.ini
 Reads from:
                          {\tt C:\Documents\ and\ Settings\Administrator\Templates\amipro.sam}
  Reads from:
                          C:\Documents and Settings\Administrator\Templates\excel.xls
  Reads from:
                          C:\Documents and Settings\Administrator\Templates\excel4.xls
  Reads from:
                          {\tt C:\Documents\ and\ Settings\Administrator\Templates\lotus.wk4}
  Reads from:
                          C:\Documents and Settings\Administrator\Templates\presenta.shw
                          C:\Documents and Settings\Administrator\Templates\quattro.wb2
  Reads from:
  Reads from:
                          C:\Documents and Settings\Administrator\Templates\winword.doc
                          C:\Documents and Settings\Administrator\Templates\winword2.doc
  Reads from:
                          C:\Documents and Settings\Administrator\Templates\wordpfct.wpd
  Reads from:
  Reads from:
                          C:\Documents and Settings\Administrator\Templates\wordpfct.wpg
                          C:\Documents and Settings\Administrator\Start Menu\desktop.ini
  Reads from:
  Reads from:
                          C:\Documents and Settings\Administrator\Start Menu\Programs\desktop.ini
 Reads from:
                          {\tt C:\Documents\ and\ Settings\Administrator\Start\ Menu\Programs\Remote}
Assistance.lnk
  Reads from:
                          C:\Documents and Settings\Administrator\Start Menu\Programs\Windows
Media Player.lnk
                          C:\Documents and Settings\Administrator\Start
  Reads from:
Menu\Programs\Startup\desktop.ini
 Reads from:
                          C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Command Prompt.lnk
                          C:\Documents and Settings\Administrator\Start
 Reads from:
Menu\Programs\Accessories\desktop.ini
                         C:\Documents and Settings\Administrator\Start
 Reads from:
Menu\Programs\Accessories\Notepad.lnk
 Reads from:
                          C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Program Compatibility Wizard.lnk
                          C:\Documents and Settings\Administrator\Start
  Reads from:
Menu\Programs\Accessories\Synchronize.lnk
                          C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Tour Windows XP.lnk
 Reads from:
                          C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Windows Explorer.lnk
 Reads from:
                          C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Entertainment\desktop.ini
 Reads from:
                          C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Entertainment\Windows Media Player.lnk
 Reads from:
                          C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\desktop.ini
 Reads from:
                          C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\Magnifier.lnk
                          C:\Documents and Settings\Administrator\Start
```

Menu\Programs\Accessories\Accessibility\Narrator.lnk

```
Reads from:
                                    C:\Documents and Settings\Administrator\Start
Menu\Programs\Accessories\Accessibility\On-Screen Keyboard.lnk
                                    C:\Documents and Settings\Default User\SendTo\Desktop (create
  Reads from:
shortcut).DeskLink
  Reads from:
                                    C:\Documents and Settings\Default User\SendTo\Mail Recipient.MAPIMail
                                    C:\Documents and Settings\Default User\Cookies\index.dat
  Reads from:
                                    C:\Documents and Settings\All Users\ntuser.pol
  Reads from:
  Reads from:
                                   C:\Documents and Settings\All Users\Start Menu\Set Program Access and
Defaults.lnk
                                    C:\Documents and Settings\Administrator\Start
  Reads from:
Menu\Programs\Accessories\Accessibility\Utility Manager.lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Templates\amipro.sam
  Reads from:
                                    {\tt C:\Documents\ and\ Settings\Admin\Templates\excel.xls}
  Reads from:
                                    {\tt C:\Documents\ and\ Settings\Admin\Templates\excel 4.xls}
  Reads from:
                                    C:\Documents and Settings\Admin\Templates\lotus.wk4
  Reads from:
                                    C:\Documents and Settings\Admin\Templates\presenta.shw
                                    C:\Documents and Settings\Admin\Templates\quattro.wb2
  Reads from:
  Reads from:
                                    C:\Documents and Settings\Admin\Templates\winword.doc
  Reads from:
                                    C:\Documents and Settings\Admin\Templates\winword2.doc
  Reads from:
                                    C:\Documents and Settings\Admin\Templates\wordpfct.wpd
                                    C:\Documents and Settings\Admin\Templates\wordpfct.wpg
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\desktop.ini
  Reads from:
  Reads from:
                                    {\tt C:\Documents\ and\ Settings\Admin\Start\ Menu\Programs\desktop.ini}
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\Programs\Internet
Explorer.lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\Programs\Outlook Express.lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\Programs\Remote
Assistance.lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\Programs\Windows Media
Player.lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\Programs\Startup\desktop.ini
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Address
Book.lnk
  Reads from:
                                   {\tt C:\Documents\ and\ Settings\Admin\Start}
Menu\Programs\Accessories\desktop.ini
                                   C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Command
  Reads from:
Prompt.lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Notepad.lnk
  Reads from:
                                   C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Program
Compatibility Wizard.lnk
  Reads from:
                                   C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Synchronize.lnk
  Reads from:
                                   C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Tour
Windows XP.lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\Windows
Explorer.lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Start Menu\Programs\Accessories\System
Tools\Internet Explorer (No Add-ons).lnk
  Reads from:
                                    C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Entertainment\desktop.ini
  Reads from:
                                   C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Entertainment\Windows Media Player.lnk
                                   C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Accessibility\desktop.ini
                                   C:\Documents and Settings\Admin\Start
  Reads from:
Menu\Programs\Accessories\Accessibility\Magnifier.lnk
                                   C:\Documents and Settings\Admin\Start
  Reads from:
Menu\Programs\Accessories\Accessibility\Narrator.lnk
  Reads from:
                                   C:\Documents and Settings\Admin\Start
Reads from:
                                    C:\Documents and Settings\Admin\Start
Menu\Programs\Accessories\Accessibility\Utility Manager.lnk
                                    C:\Documents and Settings\Admin\SendTo\desktop.ini
  Reads from:
  Reads from:
                                    C:\Documents and Settings\Admin\SendTo\Compressed (zipped)
Folder.ZFSendToTarget
  Reads from:
                                    C:\Documents and Settings\Admin\SendTo\Desktop (create
shortcut).DeskLink
  Reads from:
                                    C:\Documents and Settings\Admin\SendTo\Mail Recipient.MAPIMail
  Reads from:
                                    C:\Documents and Settings\Admin\SendTo\My Documents.mydocs
                                    C:\Documents and Settings\Admin\Recent\Desktop.ini
  Reads from:
                                    \label{localization} C: \verb|\Documents| and Settings \verb|\Admin| Recent \verb|\fp_11.0.1.152| archive.lnk| \\
  Reads from:
  Reads from:
                                    C:\Documents and Settings\Admin\My Documents\desktop.ini
  Reads from:
                                    {\tt C:\Documents\ and\ Settings\Admin\My\ Documents\My\ Pictures\Desktop.ini}
  Reads from:
                                    C:\Documents and Settings\Admin\My Documents\My Pictures\Sample
Pictures.lnk
                                    C:\Documents and Settings\Admin\My Documents\My Music\Desktop.ini
  Reads from:
                                    C:\Documents and Settings\Admin\My Documents\My Music\Sample Music.lnk
  Reads from:
  Reads from:
                                    C:\Documents and Settings\Admin\Favorites\Desktop.ini
  Reads from:
                                    C:\Documents and Settings\Admin\Favorites\MSN.com.url
  Reads from:
                                    C:\Documents and Settings\Admin\Favorites\Radio Station Guide.url
                                    {\tt C:\Documents\ and\ Settings\Admin\Favorites\Microsoft\ Websites\IE\ Add-on}
  Reads from:
site.url
                                    C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet_state.vir
  Deletes:
  Deletes:
                                    C:\WINDOWS\system32\cisvc.vir
  Deletes:
                                    C:\WINDOWS\system32\clipsrv.vir
  Deletes:
                                    C: \verb|\WINDOWS\Microsoft.NET\Framework\v2.0.50727 \verb|\makengreen model| with the constraint of the con
  Deletes:
                                    C:\WINDOWS\Microsoft.NET\Framework\v3.0\Windows Communication
Foundation\infocard.vir
  Deletes:
                                    C:\WINDOWS\system32\dmadmin.vir
```

Deletes: C:\System Volume Information\catalog.wci\00000001.ps1 C:\System Volume Information\catalog.wci\00000001.ps2 Deletes:

Windows Registry Events Creates key HKU\.default\software\microsoft\multimedia\audio Creates key: HKU\.default\software\microsoft\multimedia\audio compression manager\ Creates key: HKU\.default\software\microsoft\multimedia\audio compression manager\msacm Creates key: HKU\.default\software\microsoft\multimedia\audio compression manager\priority v4.00 Creates key: HKLM\software\classes HKCR\msidxs Creates kev: HKCR\msidxs\clsid Creates key: HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7} Creates kev:  $HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7}\ \ progid$ Creates key: Creates key: HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7}\versionindependentprogid Creates key:  $HKCR\clsid\f9ae8980-7e52-11d0-8964-00c04fd611d7\\\inprocserver32$  $\label{localization} \mbox{HKCR\clsid\f9ae8980-7e52-11d0-8964-00c04fd611d7}\ \mbox{ole db provider} \label{localization}$ Creates kev: Creates key: HKCR\msidxs errorlookup Creates key: HKCR\msidxs errorlookup\clsid Creates key: HKCR\clsid\{f9ae8981-7e52-11d0-8964-00c04fd611d7} HKCR\clsid\{f9ae8981-7e52-11d0-8964-00c04fd611d7}\progid Creates kev: HKCR\clsid\{f9ae8981-7e52-11d0-8964-Creates key: 00c04fd611d7}\versionindependentprogid HKCR\clsid\{f9ae8981-7e52-11d0-8964-00c04fd611d7}\inprocserver32 Creates key: Creates key:  $HKCR \ clsid \ \{f9ae 8980-7e52-11d0-8964-00c04fd611d7\} \ \ extended errors$ Creates key HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7}\extendederrors\{f9ae8981-7e52-11d0-8964-00c04fd611d7} Creates key: HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-00c04fc2f410} Creates key:  $HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-00c04fc2f410}\progid$ HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-Creates key 00c04fc2f410}\versionindependentprogid Creates key: HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-00c04fc2f410}\inprocserver32 Creates key: HKLM\system\currentcontrolset\control\contentindexcommon HKCR\clsid\{aa205a4d-681f-11d0-a243-08002b36fca4} Creates kev: Creates key: HKCR\clsid\{aa205a4d-681f-11d0-a243-08002b36fca4}\inprocserver32 HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a} Creates key: HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a}\inprocserver32 Creates key: Creates key: HKCR\clsid\{098f2470-bae0-11cd-b579-08002b30bfeb} Creates key HKCR\clsid\{098f2470-bae0-11cd-b579-08002b30bfeb}\persistentaddinsregistered Creates key: HKCR\clsid\{098f2470-bae0-11cd-b579-08002b30bfeb}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af} HKCR\clsid\{c3278e90-bea7-11cd-b579-08002b30bfeb} Creates key: HKCR\clsid\{c3278e90-bea7-11cd-b579-08002b30bfeb}\inprocserver32 Creates key: Creates key: HKCR\.386 Creates key: HKCR\.386\persistenthandler Creates key: HKCR\.audiocd HKCR\.audiocd\persistenthandler Creates key: HKCR\.desklink Creates key: Creates key: HKCR\.desklink\persistenthandler Creates key: HKCR\.folder Creates key: HKCR\.folder\persistenthandler HKCR\.mapimail Creates key: Creates key: HKCR\.mapimail\persistenthandler Creates key: HKCR\.zfsendtotarget Creates key: HKCR\.zfsendtotarget\persistenthandler Creates key: HKCR\.aif Creates key: HKCR\.aif\persistenthandler Creates kev: HKCR\.aifc  ${\tt HKCR} \verb|\|.aifc| persistent handler$ Creates key: Creates key: HKCR\.aiff  ${\tt HKCR} \verb|\|.aiff| persistent handler$ Creates key: Creates key: HKCR\.aps Creates key: HKCR\.aps\persistenthandler Creates key: HKCR\.asf Creates key: HKCR\.asf\persistenthandler Creates key: HKCR\.asx Creates key: HKCR\.asx\persistenthandler Creates key: HKCR\.au Creates key: HKCR\.au\persistenthandler HKCR\.avi Creates key: Creates key: HKCR\.avi\persistenthandler HKCR\clsid\{00022602-0000-0000-c000-00000000046}\persistenthandler Creates key: Creates key: HKCR\.hin Creates key: HKCR\.bin\persistenthandler Creates key: HKCR\.bkf Creates key: HKCR\.bkf\persistenthandler HKCR\.bmp Creates key: Creates key: HKCR\.bmp\persistenthandler  $\label{local-bound} \begin{tabular}{ll} HKCR\clsid\{d3e34b21-9d75-101a-8c3d-00aa001a1652}\persistenthandler \end{tabular} \\$ Creates kev: Creates key: HKCR\.bsc Creates key: HKCR\.bsc\persistenthandler Creates key: HKCR\.cab Creates key: HKCR\.cab\persistenthandler  $HKCR\clsid\{0cd7a5c0-9f37-11ce-ae65-08002b2e1262}\persistenthandler$ Creates key:

Creates key: HKCR\.cda\persistenthandler Creates key: HKCR\.cgm

Creates key:

HKCR\.cda

```
Creates key:
                           HKCR\.cgm\persistenthandler
Creates key:
                           HKCR\.com
Creates key:
                           HKCR\.com\persistenthandler
Creates key:
                           HKCR\.cpl
                           HKCR\.cpl\persistenthandler
Creates kev:
Creates key:
                           HKCR\.cur
                           HKCR\.cur\persistenthandler
Creates kev:
Creates key:
                           HKCR\.dbg
Creates key:
                           {\tt HKCR} \verb|\|.dbg\\| persistent handler
Creates key:
                           HKCR\.dct
Creates key:
                           HKCR\.dct\persistenthandler
Creates key:
                           HKCR\.dib
Creates key:
                           {\tt HKCR} \verb|\|.dib\persistenthandler|
Creates key:
                           HKCR\.dl_
                           {\tt HKCR} \verb|\|.dl_\persistenthandler|
Creates key:
Creates kev:
                           HKCR\.dll
Creates key:
                           HKCR\.dll\persistenthandler
                           HKCR\.drv
Creates key:
                           HKCR\.drv\persistenthandler
Creates key:
Creates key:
                           HKCR\.dvd
Creates key:
                           HKCR\.dvd\persistenthandler
Creates key:
                           HKCR\.emf
Creates key:
                           HKCR\.emf\persistenthandler
Creates key:
                           HKCR\.eps
Creates key:
                           HKCR\.eps\persistenthandler
Creates key:
                           HKCR\.ex_
Creates key:
                           {\tt HKCR} \verb|\.ex_\persistenthandler| \\
Creates key:
                           HKCR\.exe
                           HKCR\.exe\persistenthandler
Creates key:
Creates kev:
                           HKCR\.exp
Creates kev:
                           HKCR\.exp\persistenthandler
Creates key:
                           HKCR\.eyb
Creates key:
                           {\tt HKCR} \verb|\|. eyb\\| persistent handler
Creates key:
                           HKCR\.fnd
Creates key:
                           HKCR\.fnd\persistenthandler
Creates key:
                           HKCR\.fnt
Creates key:
                           {\tt HKCR} \verb|\. fnt \verb|\. persistent handler
Creates key:
                           HKCR\.fon
                           HKCR\.fon\persistenthandler
Creates key:
Creates key:
                           HKCR\.ghi
Creates key:
                           HKCR\.ghi\persistenthandler
                           HKCR\.gif
Creates key:
Creates key:
                           HKCR\.gif\persistenthandler
                           HKCR \verb|\clsid| \{25336920-03f9-11cf-8fd0-00aa00686f13\} \verb|\clsid| \} |
Creates key:
Creates kev:
                           HKCR\.gz
Creates key:
                           HKCR\.gz\persistenthandler
Creates key:
                           HKCR\.hqx
Creates key:
                           HKCR\.hqx\persistenthandler
Creates key:
                           HKCR\.icm
                           HKCR\.icm\persistenthandler
Creates key:
Creates key:
                           HKCR\.ico
Creates key:
                           HKCR\.ico\persistenthandler
Creates key:
                           HKCR\.idb
Creates kev:
                           HKCR\.idb\persistenthandler
Creates key:
                           HKCR\.ilk
Creates key:
                           HKCR\.ilk\persistenthandler
Creates key:
                           HKCR\.imc
Creates key:
                           HKCR\.imc\persistenthandler
Creates key:
                           HKCR\.in_
Creates key:
                           HKCR\.in_\persistenthandler
Creates key:
                           HKCR\.inv
Creates key:
                           HKCR\.inv\persistenthandler
Creates key:
                           HKCR\.ivf
                           HKCR\.ivf\persistenthandler
Creates key:
Creates key:
                           HKCR\.jbf
                           {\tt HKCR} \verb|\|.jbf| persistent handler
Creates key:
Creates key:
                           HKCR\.jfif
Creates key:
                           {\tt HKCR} \verb|\|.jfif\\| persistent handler
Creates key:
                           HKCR\.jpe
Creates key:
                           HKCR\.jpe\persistenthandler
Creates key:
                           HKCR\.jpeg
Creates key:
                           {\tt HKCR} \verb|\|.jpeg\\| persistent handler
                           HKCR\.jpg
Creates key:
                           HKCR\.jpg\persistenthandler
Creates key:
Creates key:
                           HKCR\.latex
Creates key:
                           HKCR\.latex\persistenthandler
Creates key:
                           HKCR\.lib
Creates key:
                           HKCR\.lib\persistenthandler
Creates kev:
                           HKCR\.m14
Creates key:
                           HKCR\.m14\persistenthandler
                           HKCR\.m1v
Creates key:
                           {\tt HKCR} \verb|\|.m1v| persistent handler
Creates key:
Creates key:
                           HKCR\.m3u
Creates key:
                           HKCR\.m3u\persistenthandler
Creates key:
                           HKCR\.mdb
Creates key:
                           HKCR\.mdb\persistenthandler
Creates key:
                           HKCR\.mid
Creates key:
                           HKCR\.mid\persistenthandler
Creates key:
                           HKCR\clsid\{00022603-0000-0000-c000-00000000046}\persistenthandler
Creates key:
                           HKCR\.midi
```

Creates key: HKCR\.midi\persistenthandler Creates key: HKCR\.mmf Creates key: HKCR\.mmf\persistenthandler Creates key: HKCR\.mov Creates key: HKCR\.mov\persistenthandler Creates kev: HKCR\.movie Creates key: HKCR\.movie\persistenthandler Creates key: HKCR\.mp2  ${\it HKCR} \verb|\|.mp2| persistent handler$ Creates key: Creates key: HKCR\.mp2v Creates key: HKCR\.mp2v\persistenthandler Creates key: HKCR\.mp3 Creates key: HKCR\.mp3\persistenthandler Creates key: HKCR\.mpa Creates key: HKCR\.mpa\persistenthandler Creates key: HKCR\.mpe Creates key: HKCR\.mpe\persistenthandler Creates key: HKCR\.mpeg Creates key: HKCR\.mpeg\persistenthandler Creates kev: HKCR\.mpg Creates key: HKCR\.mpg\persistenthandler Creates key: HKCR\.mpv2 Creates key: HKCR\.mpv2\persistenthandler Creates key: HKCR\.msg Creates key:  ${\tt HKCR} \verb|\.msg| persistent handler \\$ Creates key: HKCR\.mv Creates key: HKCR\.mv\persistenthandler Creates key: HKCR\.mydocs Creates key: HKCR\.mydocs\persistenthandler Creates key: HKCR\.ncb Creates key: HKCR\.ncb\persistenthandler Creates key: HKCR\.obj Creates kev: HKCR\.obj\persistenthandler Creates key: HKCR\.oc\_ HKCR\.oc\_\persistenthandler Creates kev: Creates key: HKCR\.ocx Creates key:  ${\tt HKCR} \verb|\|.ocx| persistent handler \\$ Creates key: HKCR\.pch Creates key: HKCR\.pch\persistenthandler Creates key: HKCR\.pdb Creates key: HKCR\.pdb\persistenthandler Creates key: HKCR\.pds Creates key: HKCR\.pds\persistenthandler Creates kev: HKCR\.pic Creates key: HKCR\.pic\persistenthandler Creates key: HKCR\.pma Creates key: HKCR\.pma\persistenthandler Creates key: HKCR\.pmc Creates key: HKCR\.pmc\persistenthandler Creates key: HKCR\.pml Creates key:  ${\it HKCR} \verb|\|.pml\| persistent handler$ HKCR\.pmr Creates key: Creates key: HKCR\.pmr\persistenthandler Creates key: HKCR\.png Creates key: HKCR\.png\persistenthandler Creates key: HKCR\.psd Creates kev: HKCR\.psd\persistenthandler Creates key: HKCR\.res  ${\tt HKCR} \verb|\|. res \verb|\| persistent handler$ Creates key: Creates key: HKCR\.rle Creates key:  ${\tt HKCR} \verb|\|. rle \verb|\| persistent handler$ Creates key: HKCR\.rmi Creates key: HKCR\.rmi\persistenthandler Creates key: HKCR\.rpc Creates key: HKCR\.rpc\persistenthandler Creates key: HKCR\.rsp Creates key: HKCR\.rsp\persistenthandler Creates key: HKCR\.sbr Creates key: HKCR\.sbr\persistenthandler HKCR\.sc2 Creates key:  ${\tt HKCR} \verb|\|.sc2| persistent handler$ Creates key: Creates key: HKCR\.sit Creates key: HKCR\.sit\persistenthandler Creates key:  $HKCR\.snd$ Creates key: HKCR\.snd\persistenthandler Creates key: HKCR\.sr\_ Creates key:  $HKCR\.sr\_\persistenthandler$ Creates key: HKCR\.sy\_ Creates key: HKCR\.sy\_\persistenthandler Creates key: HKCR\.sym Creates key: HKCR\.sym\persistenthandler Creates kev: HKCR\.svs Creates key: HKCR\.sys\persistenthandler Creates key: HKCR\.tar Creates key: HKCR\.tar\persistenthandler Creates key: HKCR\.tgz Creates key: HKCR\.tgz\persistenthandler Creates key: HKCR\.tif Creates key: HKCR\.tif\persistenthandler

Creates key: HKCR\.tif\
Creates key: HKCR\.tiff

```
Creates key:
                           HKCR\.tiff\persistenthandler
 Creates key:
                           HKCR\.tlb
 Creates key:
                           HKCR\.tlb\persistenthandler
 Creates key:
                           HKCR\.tsp
 Creates key:
                           HKCR\.tsp\persistenthandler
 Creates kev:
                           HKCR\.ttc
 Creates key:
                           HKCR\.ttc\persistenthandler
 Creates key:
                           HKCR\.ttf
 Creates key:
                           HKCR\.ttf\persistenthandler
 Creates key:
                           HKCR\.vbx
 Creates key:
                           HKCR\.vbx\persistenthandler
 Creates key:
                           HKCR\.vxd
 Creates key:
                           HKCR\.vxd\persistenthandler
 Creates key:
                           HKCR\.wav
 Creates key:
                           HKCR\.wav\persistenthandler
                           HKCR\clsid\{00020c01-0000-0000-c000-00000000046}\persistenthandler
 Creates key:
 Creates key:
                           HKCR\.wax
 Creates key:
                           HKCR\.wax\persistenthandler
 Creates key:
                           HKCR\.wll
 Creates kev:
                           HKCR\.wll\persistenthandler
 Creates key:
                           HKCR\.wlt
 Creates key:
                           HKCR\.wlt\persistenthandler
 Creates key:
                           HKCR\.wm
 Creates key:
                           HKCR\.wm\persistenthandler
 Creates key:
                           HKCR\.wma
 Creates key:
                           HKCR\.wma\persistenthandler
 Creates key:
                           HKCR\.wmf
 Creates key:
                           HKCR\.wmf\persistenthandler
 Creates key:
                           HKCR\.wmp
 Creates key:
                           HKCR\.wmp\persistenthandler
 Creates key:
                           HKCR\.wmv
                           HKCR\.wmv\persistenthandler
 Creates key:
 Creates kev:
                           HKCR\.wmx
 Creates key:
                           {\it HKCR} \verb|\|.wmx\persistenthandler|
                           HKCR\.wmz
 Creates kev:
 Creates key:
                           HKCR\.wmz\persistenthandler
 Creates key:
                           HKCR\.wsz
 Creates key:
                           HKCR\.wsz\persistenthandler
 Creates key:
                           HKCR\.wvx
 Creates key:
                           HKCR\.wvx\persistenthandler
 Creates key:
                           HKCR\.xbm
 Creates key:
                           HKCR\.xbm\persistenthandler
 Creates key:
                           HKCR\.xix
                           HKCR\.xix\persistenthandler
 Creates kev:
 Creates key:
                           HKCR\.z
 Creates key:
                           HKCR\.z\persistenthandler
                           HKCR\.z96
 Creates key:
 Creates key:
                           HKCR\.z96\persistenthandler
 Creates key:
                           HKCR\.zip
 Creates key:
                           HKCR\.zip\persistenthandler
 Creates key:
                           HKCR\clsid\{e88dcce0-b7b3-11d1-a9f0-00aa0060fa31\}\persistenthandler\label{eq:hkcr}
 Creates key:
                           HKCR\clsid\{5e941d80-bf96-11cd-b579-08002b30bfeb}
 Creates key:
                           HKCR\clsid\{5e941d80-bf96-11cd-b579-
08002b30bfeb}\persistentaddinsregistered
                           HKCR\clsid\{5e941d80-bf96-11cd-b579-
 Creates kev:
08002b30bfeb}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af}
                           HKCR\clsid\{c1243ca0-bf96-11cd-b579-08002b30bfeb}
 Creates kev:
                           HKCR\clsid\{c1243ca0-bf96-11cd-b579-08002b30bfeb}\inprocserver32
 Creates key:
 Creates key:
                           HKCR\clsid\{73fddc80-aea9-101a-98a7-00aa00374959}\persistenthandler
 Creates key:
                           HKCR\clsid\{48123bc4-99d9-11d1-a6b3-00c04fd91555}\persistenthandler
 Creates key:
                           HKCR\.dic
 Creates key:
                           HKCR\.dic\persistenthandler
 Creates key:
                           HKCR\.txt
 Creates key:
                           HKCR\.txt\persistenthandler
 Creates key:
                           HKCR\.wtx
 Creates key:
                           HKCR\.wtx\persistenthandler
 Creates key:
                           HKCR\.bat
 Creates key:
                           HKCR\.bat\persistenthandler
 Creates key:
                           HKCR\.cmd
                           {\it HKCR} \verb|\|.cmd\\| persistent handler
 Creates key:
 Creates key:
                           HKCR\.ida
                           {\tt HKCR} \verb|\|.idq\persistenthandler|
 Creates key:
 Creates key:
                           HKCR\.ini
 Creates key:
                           HKCR\.ini\persistenthandler
 Creates key:
                           HKCR\.inx
 Creates key:
                           HKCR\.inx\persistenthandler
                           HKCR\.reg
 Creates key:
 Creates key:
                           HKCR\.reg\persistenthandler
 Creates key:
                           HKCR\.inf
 Creates key:
                           HKCR\.inf\persistenthandler
 Creates key:
                           HKCR\.vbs
                           HKCR\.vbs\persistenthandler
 Creates kev:
 Creates key:
                           HKCR\.asm
                           HKCR\.asm\persistenthandler
 Creates key:
 Creates key:
                           HKCR\.c
 Creates key:
                           HKCR\.c\persistenthandler
 Creates key:
                           HKCR\.cpp
 Creates key:
                           HKCR\.cpp\persistenthandler
 Creates key:
 Creates key:
                           HKCR\.cxx\persistenthandler
```

```
Creates key:
                                                                                      HKCR\.def
      Creates key:
                                                                                      HKCR\.def\persistenthandler
      Creates key:
                                                                                      HKCR\.h
      Creates key:
                                                                                      HKCR\.h\persistenthandler
     Creates key:
                                                                                      HKCR\.hpp
     Creates key:
                                                                                      HKCR\.hpp\persistenthandler
     Creates key:
                                                                                      HKCR\.hxx
     Creates kev:
                                                                                      HKCR\.hxx\persistenthandler
                                                                                      HKCR\.idl
     Creates key:
     Creates key:
                                                                                      HKCR\.idl\persistenthandler
     Creates key:
                                                                                      HKCR\.inc
     Creates key:
                                                                                      HKCR\.inc\persistenthandler
      Creates key:
                                                                                      HKCR\.js
      Creates key:
                                                                                      HKCR\.js\persistenthandler
      Creates key:
                                                                                      HKCR\.log
      Creates kev:
                                                                                      HKCR\.log\persistenthandler
     Creates key:
                                                                                      HKCR\.pl
     Creates key:
                                                                                      HKCR\.pl\persistenthandler
     Creates key:
                                                                                      HKCR\.rc
     Creates kev:
                                                                                      HKCR\.rc\persistenthandler
     Creates key:
                                                                                      HKCR\.rtf
     Creates key:
                                                                                      HKCR\.rtf\persistenthandler
     Creates key:
                                                                                      HKCR\.url
     Creates key:
                                                                                      HKCR\.url\persistenthandler
      Creates key:
                                                                                      Creates key:
                                                                                      HKCR\.xml
      Creates key:
                                                                                      HKCR\.xml\persistenthandler
      Creates key:
                                                                                      HKCR\.xsl
      Creates key:
                                                                                      HKCR\.xsl\persistenthandler
     Creates key:
                                                                                      HKLM\system\currentcontrolset\control\contentindex\language\neutral
     Creates key:
                                                                                      HKCR\clsid\{369647e0-17b0-11ce-9950-00aa004bbb1f}
                                                                                      HKCR\clsid\{369647e0-17b0-11ce-9950-00aa004bbb1f}\inprocserver32
     Creates key:
                                                                                      HKCR\clsid\{78fe669a-186e-4108-96e9-77b586c1332f}
     Creates kev:
                                                                                      HKCR\clsid\{78fe669a-186e-4108-96e9-77b586c1332f}\inprocserver32
     Creates key:
                                                                                      HKCR\clsid\{1e9685e6-db6d-11d0-bb63-00c04fc2f410}
     Creates kev:
                                                                                      HKCR\clsid\{1e9685e6-db6d-11d0-bb63-00c04fc2f410}\tinprocserver 320c04fc2f410\
     Creates key:
     Creates key:
                                                                                      HKCR\clsid\{1f247dc0-902e-11d0-a80c-00a0c906241a}
     Creates key:
                                                                                      HKCR\clsid\{1f247dc0-902e-11d0-a80c-00a0c906241a}\inprocserver32
      Creates key:
                                                                                      HKCR\clsid
      Creates kev:
                                                                                      HKCR\clsid\{c04efa90-e221-11d2-985e-00c04f575153}
                                                                                      HKCR\clsid\{c04efa90-e221-11d2-985e-00c04f575153}\inprocserver32
     Creates key:
     Creates key:
                                                                                      HKCR\interface
     Creates key:
                                                                                      HKCR\interface\{f4eb8260-8dda-11d1-b3aa-00a0c9063796}
                                                                                      HKCR\ interface \ \{f4eb8260-8dda-11d1-b3aa-00a0c9063796\}\ proxystubclsid 32
      Creates kev:
     Creates key:
                                                                                      HKCR\interface\{f4eb8260-8dda-11d1-b3aa-00a0c9063796}\nummethods
     Creates key:
                                                                                      HKCR\clsid\{95ad72f0-44ce-11d0-ae29-00aa004b9986}
      Creates key:
                                                                                      HKCR\clsid\{95ad72f0-44ce-11d0-ae29-00aa004b9986}\inprocserver32
     Creates key:
                                                                                      HKLM\software\microsoft\mmc\snapins\{95ad72f0-44ce-11d0-ae29-
00aa004b9986}
      Creates key:
                                                                                      00aa004b9986}\extension
      Creates key:
                                                                                      HKLM \setminus software \setminus microsoft \setminus mmc \setminus snapins \setminus \{95ad72f0-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-44ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d0-ae29-46ce-11d
00aa004b9986}\standalone
                                                                                      HKLM\software\microsoft\mmc\snapins\{95ad72f0-44ce-11d0-ae29-
      Creates key:
00aa004b9986}\nodetypes
     Creates key:
                                                                                      HKLM\software\microsoft\mmc\snapins\{95ad72f0-44ce-11d0-ae29-
00aa004b99\mathring{8}6\} \\ nodetypes \\ \{5401e3e9-f5f6-11d1-b4f7-00c04fc2db8d\} \\
                                                                                      HKLM \setminus software \setminus microsoft \setminus mmc \setminus nodetypes \setminus \{5401e3e9-f5f6-11d1-b4f7-mathematical and the software \setminus mathematical and th
     Creates key:
00c04fc2db8d3
     Creates key:
                                                                                      HKLM \setminus software \setminus microsoft \setminus mmc \setminus detypes \setminus \{476e6449 - aaff-11d0 - b944 - aaaff-11d0 - b944 - aaff-11d0 - b944 - aaff-11d0 - b944 - aaff-11d0
00c04fd8d5b0}
     Creates key
                                                                                      HKLM \setminus software \setminus microsoft \setminus mmc \setminus detypes \setminus \{476e6449 - aaff-11d0 - b944 - aaaff-11d0 - b944 - aaff-11d0 - b944 - aaff-11d0 - b944 - aaff-11d0
00c04fd8d5b0}\extensions
                                                                                      HKLM\software\microsoft\mmc\nodetypes\{476e6449-aaff-11d0-b944-
      Creates key
00c04fd8d5b0}\extensions\namespace
     Creates key:
                                                                                      00c04fd8d5b0}\dynamic extensions
      Creates key:
                                                                                      HKLM\system\currentcontrolset\control\server applications
     Creates key:
                                                                                      HKCR\ixsso.query
     Creates key:
                                                                                      HKCR\ixsso.query\clsid
     Creates key:
                                                                                      HKCR\ixsso.guerv\curver
     Creates key:
                                                                                      HKCR\clsid\{eafdf8b3-3be5-4e05-bf86-1e486b2fef9d}
     Creates key:
                                                                                      HKCR\clsid\{eafdf8b3-3be5-4e05-bf86-1e486b2fef9d}\inprocserver32
     Creates key:
                                                                                      HKCR\clsid\\{eafdf8b3-3be5-4e05-bf86-1e486b2fef9d}\\{progid}
      Creates key:
                                                                                      HKCR \verb|\clsid|{eafdf8b3-3be5-4e05-bf86-1e486b2fef9d} \verb|\implemented| categories | All the state of the stat
      Creates key:
                                                                                      HKCR\clsid\\{eafdf8b3-3be5-4e05-bf86-1e486b2fef9d}\\{implemented}
categories\{7dd95801-9882-11cf-9fa9-00aa006c42c4}
                                                                                      \label{lem:hkcr} $HKCR\clsid\\{eafdf8b3-3be5-4e05-bf86-1e486b2fef9d}\\{implemented}
     Creates kev:
categories\{7dd95802-9882-11cf-9fa9-00aa006c42c4}
     Creates key:
                                                                                      HKCR\ixsso.query.3
      Creates key:
                                                                                      HKCR\ixsso.query.3\clsid
     Creates key:
                                                                                      HKCR\ixsso.query.2
      Creates key:
                                                                                      Creates key:
                                                                                      HKCR\clsid\{a4463024-2b6f-11d0-bfbc-0020f8008024}
                                                                                      HKCR\clsid\{a4463024-2b6f-11d0-bfbc-0020f8008024}\inprocserver32
     Creates key:
                                                                                      HKCR \ clsid \ \{a4463024-2b6f-11d0-bfbc-0020f8008024\} \ \ progid
     Creates key:
      Creates key:
                                                                                      HKCR\clsid\{a4463024-2b6f-11d0-bfbc-0020f8008024}\ \ \ categories
     Creates key:
                                                                                      HKCR \ clsid \ \{a4463024-2b6f-11d0-bfbc-0020f8008024\} \ \ implemented
categories\{7dd95801-9882-11cf-9fa9-00aa006c42c4}
                                                                                      HKCR\clsid\{a4463024-2b6f-11d0-bfbc-0020f8008024\}\implemented
      Creates key:
```

```
categories\{7dd95802-9882-11cf-9fa9-00aa006c42c4}
                                    HKCR\ixsso.util
  Creates key:
  Creates key:
                                    HKCR\ixsso.util\clsid
  Creates key:
                                    HKCR\ixsso.util\curver
  Creates key:
                                    HKCR\clsid\{0c16c27e-a6e7-11d0-bfc3-0020f8008024}
  Creates key:
                                    HKCR\clsid\{0c16c27e-a6e7-11d0-bfc3-0020f8008024}\inprocserver32
                                    HKCR\clsid\{0c16c27e-a6e7-11d0-bfc3-0020f8008024}\progid
  Creates key:
                                    HKCR\clsid\{0c16c27e-a6e7-11d0-bfc3-0020f8008024}\implemented categories
  Creates kev:
                                    Creates key:
categories\{7dd95801-9882-11cf-9fa9-00aa006c42c4}
                                    HKCR\clsid\{0c16c27e-a6e7-11d0-bfc3-0020f8008024}\implemented
  Creates key:
categories\{7dd95802-9882-11cf-9fa9-00aa006c42c4}
  Creates key:
                                    HKCR\ixsso.util.2
  Creates key:
                                    HKCR\ixsso.util.2\clsid
  Creates key:
                                    HKCR\clsid\{eec97550-47a9-11cf-b952-00aa0051fe20}
                                    HKCR\clsid\{eec97550-47a9-11cf-b952-
  Creates kev:
00aa0051fe20}\persistentaddinsregistered
  Creates key:
                                   HKCR\clsid\{eec97550-47a9-11cf-b952-
00aa0051fe20}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af}
                                    HKCR\clsid\{e0ca5340-4534-11cf-b952-00aa0051fe20}
  Creates kev:
  Creates key:
                                    HKCR\clsid\{e0ca5340-4534-11cf-b952-00aa0051fe20}\inprocserver32
  Creates key:
                                    HKCR\clsid\{3050f4d8-98b5-11cf-bb82-00aa00bdce0b}\persistenthandler
  Creates key:
                                    HKCR\.odc
  Creates key:
                                    HKCR\.odc\persistenthandler
  Creates key:
                                    HKCR\.hhc
  Creates key:
                                    HKCR\.hhc\persistenthandler
  Creates key:
                                    HKCR\.htm
  Creates key:
                                    HKCR\.htm\persistenthandler
  Creates key:
                                    HKCR\.html
  Creates key:
                                    HKCR\.html\persistenthandler
  Creates key:
                                    HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\state
  Creates key:
                                    HKCR\.htx
  Creates kev:
                                    HKCR\.htx\persistenthandler
  Creates key:
                                    HKCR\.stm
                                    HKCR\.stm\persistenthandler
  Creates kev:
  Creates key:
                                    HKCR\.htw
  Creates key:
                                    HKCR\.htw\persistenthandler
                                    HKCR\.asp
  Creates key:
  Creates key:
                                    HKCR\.asp\persistenthandler
  Creates kev:
                                    HKCR\.aspx
  Creates key:
                                    HKCR\.aspx\persistenthandler
  Creates key:
                                    HKCR\.ascx
  Creates key:
                                    HKCR\.ascx\persistenthandler
  Creates kev:
                                    HKCR\.css
                                    {\tt HKCR} \verb|\|.css\persistenthandler|
  Creates key:
  Creates key:
                                    HKCR\.hta
  Creates key:
                                    HKCR\.hta\persistenthandler
  Creates key:
Creates key:
                                    HKCR\.htt
  Creates key:
                                    HKCR\.htt\persistenthandler
  Creates key:
                                    HKCR\clsid\{98de59a0-d175-11cd-a7bd-00006b827d94}
  Creates key:
                                    HKCR\clsid\{98de59a0-d175-11cd-a7bd-
00006b827d94}\persistentaddinsregistered
  Creates key:
                                   HKCR\clsid\{98de59a0-d175-11cd-a7bd-
00006b827d94}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af}
                                    HKCR\clsid\{f07f3920-7b8c-11cf-9be8-00aa004b9986}
  Creates kev:
                                    HKCR\clsid\{f07f3920-7b8c-11cf-9be8-00aa004b9986}\inprocserver32
  Creates key:
  Creates key:
                                    HKCR\clsid\{00020906-0000-0000-c000-000000000046}
                                    Creates key:
                                    HKCR\clsid\{64818d11-4f9b-11cf-86ea-00aa00b929e8}
  Creates key:
  Creates key:
                                    HKCR \verb|\clsid|{64818d11-4f9b-11cf-86ea-00aa00b929e8} \verb|\clsid|{64818d11-4f9b
  Creates key:
                                    HKCR\clsid\{64818d10-4f9b-11cf-86ea-00aa00b929e8}
  Creates key:
                                    HKCR\clsid\{64818d10-4f9b-11cf-86ea-00aa00b929e8}\persistenthandler
  Creates key:
                                    HKCR\clsid\{00020820-0000-0000-c000-00000000046}
                                    Creates key:
                                    HKCR\clsid\{00020821-0000-0000-c000-00000000046}
  Creates key:
  Creates key:
                                    HKCR\clsid\{00020821-0000-0000-c000-00000000046}\persistenthandler
  Creates key:
                                    HKCR\clsid\{00020900-0000-0000-c000-00000000046}
  Creates key:
                                    HKCR\clsid\{00020900-0000-0000-c000-00000000046}\persistenthandler
                                    HKCR\clsid\{ea7bae70-fb3b-11cd-a903-00aa00510ea3}
  Creates kev:
  Creates key:
                                    Creates key:
                                    HKCR\clsid\{ea7bae71-fb3b-11cd-a903-00aa00510ea3}
  Creates key:
                                    Creates key:
                                    HKCR\clsid\{00020811-0000-0000-c000-00000000046}
  Creates key:
                                    Creates key:
                                    HKCR\clsid\{00020810-0000-0000-c000-00000000046}
                                    Creates kev:
  Creates key:
                                    HKCR\.doc
  Creates key:
                                    HKCR\.doc\persistenthandler
  Creates key:
                                    HKCR\.dot
  Creates key:
                                    HKCR\.dot\persistenthandler
                                    HKCR\.pot
  Creates key:
  Creates key:
                                    HKCR\.pot\persistenthandler
                                    HKCR\.ppt
  Creates key:
  Creates key:
                                    HKCR\.ppt\persistenthandler
  Creates key:
                                    HKCR\.pps
  Creates key:
                                    HKCR\.pps\persistenthandler
  Creates key:
                                    HKCR\.xlb
  Creates key:
                                    HKCR\.xlb\persistenthandler
```

```
Creates key:
                                              HKCR\.xlc
   Creates key:
                                              HKCR\.xlc\persistenthandler
   Creates key:
                                              HKCR\.xls
                                              HKCR\.xls\persistenthandler
   Creates key:
  Creates key:
                                              HKCR\.xlt
  Creates key:
                                              HKCR\.xlt\persistenthandler
                                              HKCR\clsid\{3bc4f3a1-652a-11d1-b4d4-00c04fc2db8d}
   Creates key:
  Creates kev:
                                              HKCR\clsid\{3bc4f3a1-652a-11d1-b4d4-00c04fc2db8d}\progid
  Creates key:
                                              HKCR\clsid\{3bc4f3a1-652a-11d1-b4d4-
{\tt 00c04fc2db8d} \\ {\tt versionindependentprogid}
                                              HKCR\clsid\{3bc4f3a1-652a-11d1-b4d4-00c04fc2db8d}\programmable
   Creates key:
                                              HKCR\clsid\{3bc4f3a1-652a-11d1-b4d4-00c04fc2db8d}\inprocserver32
  Creates key:
  Creates key:
                                              HKCR\clsid\{3bc4f3a3-652a-11d1-b4d4-00c04fc2db8d}
  Creates key:
                                              HKCR\clsid\{3bc4f3a3-652a-11d1-b4d4-00c04fc2db8d}\progid
                                              HKCR\clsid\{3bc4f3a3-652a-11d1-b4d4-
   Creates key:
00c04fc2db8d}\versionindependentprogid
                                              HKCR\clsid\{3bc4f3a3-652a-11d1-b4d4-00c04fc2db8d}\programmable
   Creates key:
   Creates key:
                                              HKCR\clsid\{3bc4f3a3-652a-11d1-b4d4-00c04fc2db8d}\inprocserver32
                                              HKCR\clsid\{3bc4f3a7-652a-11d1-b4d4-00c04fc2db8d}
  Creates key:
  Creates key:
                                              HKCR\clsid\{3bc4f3a7-652a-11d1-b4d4-00c04fc2db8d}\progid
  Creates key:
                                             HKCR\clsid\{3bc4f3a7-652a-11d1-b4d4-
00c04fc2db8d}\versionindependentprogid
                                              HKCR\clsid\{3bc4f3a7-652a-11d1-b4d4-00c04fc2db8d}\programmable
   Creates key:
   Creates key:
                                              HKCR\clsid\{3bc4f3a7-652a-11d1-b4d4-00c04fc2db8d}\ \ inprocserver 32db8d\
  Creates key:
                                              HKLM\system\currentcontrolset\control\contentindex\language\english_us
   Creates key:
                                              HKCR\clsid\{eeed4c20-7f1b-11ce-be57-00aa0051fe20}
   Creates key:
                                              HKCR\clsid\\{eeed4c20-7f1b-11ce-be57-00aa0051fe20}\\{inprocserver32}
  Creates key:
                                              Creates key:
                                              HKCR\clsid\{d99f7670-7f1a-11ce-be57-00aa0051fe20}
                                              HKCR\clsid\{d99f7670-7f1a-11ce-be57-00aa0051fe20}\inprocserver32
  Creates key:
  Creates key:
HKLM\system\currentcontrolset\control\contentindex\language\french_french
                                              HKCR\clsid\{59e09848-8099-101b-8df3-00000b65c3b5}
   Creates kev:
                                              HKCR\clsid\{59e09848-8099-101b-8df3-00000b65c3b5}\inprocserver32
   Creates key:
                                              HKCR\clsid\{2a6eb050-7f1c-11ce-be57-00aa0051fe20}
  Creates kev:
                                              HKCR\clsid\{2a6eb050-7f1c-11ce-be57-00aa0051fe20}\inprocserver32
  Creates key:
  Creates key:
{\tt HKLM \ } system \verb|\ control \ \verb|\ contentindex \ \verb|\ language \ \verb|\ german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german_german
   Creates key:
                                              HKCR\clsid\{9b08e210-e51b-11cd-bc7f-00aa003db18e}
   Creates key:
                                              HKCR\clsid\{9b08e210-e51b-11cd-bc7f-00aa003db18e}\inprocserver32
                                              HKCR\clsid\{510a4910-7f1c-11ce-be57-00aa0051fe20}
  Creates key:
                                              HKCR\clsid\{510a4910-7f1c-11ce-be57-00aa0051fe20}\inprocserver32
  Creates key:
  Creates key:
HKLM\system\currentcontrolset\control\contentindex\language\italian_italian
                                             HKCR\clsid\{fd86b5d0-12c6-11ce-bd31-00aa004bbb1f}
   Creates key:
                                              HKCR\clsid\{fd86b5d0-12c6-11ce-bd31-00aa004bbb1f}\inprocserver32
   Creates kev:
  Creates key:
                                              HKCR\clsid\{6d36ce10-7f1c-11ce-be57-00aa0051fe20}
                                             HKCR\clsid\{6d36ce10-7f1c-11ce-be57-00aa0051fe20}\inprocserver32
  Creates kev:
  Creates key:
HKLM\system\currentcontrolset\control\contentindex\language\swedish_default
   Creates key:
                                              HKCR\clsid\{01c6b350-12c7-11ce-bd31-00aa004bbb1f}
   Creates key:
                                              HKCR\clsid\{01c6b350-12c7-11ce-bd31-00aa004bbb1f}\inprocserver32
   Creates key:
                                              HKCR\clsid\{9478f640-7f1c-11ce-be57-00aa0051fe20}
                                              HKCR\clsid\{9478f640-7f1c-11ce-be57-00aa0051fe20}\inprocserver32
   Creates kev:
  Creates key:
HKLM\system\currentcontrolset\control\contentindex\language\spanish_modern
                                              HKCR\clsid\{0285b5c0-12c7-11ce-bd31-00aa004bbb1f}
  Creates kev:
   Creates key:
                                              HKCR\clsid\{0285b5c0-12c7-11ce-bd31-00aa004bbb1f}\inprocserver32
                                              HKCR\clsid\{b0516ff0-7f1c-11ce-be57-00aa0051fe20}
  Creates key:
  Creates key:
                                              HKCR\clsid\{b0516ff0-7f1c-11ce-be57-00aa0051fe20}\inprocserver32
  Creates key:
                                              {\tt HKLM \ } system \verb|\ current control \ \\ content in dex \verb|\ language \ \\ dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch\_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_dutch_d
  Creates key:
                                              HKCR\clsid\{66b37110-8bf2-11ce-be59-00aa0051fe20}
  Creates key:
                                              HKCR\clsid\{66b37110-8bf2-11ce-be59-00aa0051fe20}\ \ inprocserver 32
   Creates key:
                                              HKCR\clsid\{860d28d0-8bf4-11ce-be59-00aa0051fe20}
   Creates key:
                                              HKCR\clsid\{860d28d0-8bf4-11ce-be59-00aa0051fe20}\inprocserver32
   Creates key:
                                              HKCR\.nws
  Creates key:
                                              HKCR\microsoft internet news message
   Creates key:
                                              HKCR\microsoft internet news message\clsid
  Creates key:
                                              HKCR\clsid\{5645c8c0-e277-11cf-8fda-00aa00a14f93}
   Creates key:
                                              HKCR\clsid\{5645c8c0-e277-11cf-8fda-00aa00a14f93}\persistenthandler
                                             HKCR\clsid\{5645c8c1-e277-11cf-8fda-
  Creates kev:
00aa00a14f93\} \\ persistent add in sregistered \\ \{89bcb740-6119-101a-bcb7-00dd010655af\} \\
                                              HKCR\clsid\{5645c8c2-e277-11cf-8fda-00aa00a14f93}\) in procserver 32
   Creates key:
   Creates kev:
                                              HKCR\.eml
   Creates key:
                                              HKCR\microsoft internet mail message
  Creates key:
                                              {\it HKCR} \\ {\it microsoft internet mail message } \\ {\it clsid} \\
   Creates key:
                                              HKCR\clsid\{5645c8c3-e277-11cf-8fda-00aa00a14f93}
   Creates key:
                                              HKCR\clsid\{5645c8c3-e277-11cf-8fda-00aa00a14f93}\persistenthandler
                                              HKCR\clsid\{5645c8c4-e277-11cf-8fda-
  Creates key:
00aa00a14f93}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af}
   Creates key:
                                              HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-0090272fa362}
   Creates key:
                                              HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-0090272fa362}\progid
  Creates key:
                                             HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-
0090272fa362}\versionindependentprogid
                                              HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-0090272fa362}\inprocserver32
   Creates key:
  Creates key:
                                              HKCR\clsid\{363f1015-fd5f-4ba8-ac58-29634f378a42}
                                              HKCR\clsid\{363f1015-fd5f-4ba8-ac58-29634f378a42}\progid
   Creates key:
                                             HKCR\clsid\{363f1015-fd5f-4ba8-ac58-
  Creates key:
29634f378a42}\versionindependentprogid
                                              HKLM\software\microsoft\.netframework
   Creates key:
```

```
Creates key:
                                                                    Creates key:
                                                                    HKCR\clsid\{363f1015-fd5f-4ba8-ac58-29634f378a42}\inprocserver32
     Creates key:
                                                                    HKCR\clsid\{f14e6b48-fbca-4d32-bd79-7829d4f7e43b}
                                                                    HKCR\clsid\{f14e6b48-fbca-4d32-bd79-7829d4f7e43b}\progid
     Creates key:
    Creates key:
                                                                   HKCR\clsid\{f14e6b48-fbca-4d32-bd79-
 7829d4f7e43b}\versionindependentprogid
                                                                    HKCR\clsid\{f14e6b48-fbca-4d32-bd79-7829d4f7e43b}\inprocserver32
     Creates key:
    Creates key:
                                                                    HKCR\clsid\{91870674-de84-4313-b07d-a387415bb4f5}
                                                                    HKCR\clsid\{91870674-de84-4313-b07d-a387415bb4f5}\progid
    Creates key:
    Creates key:
                                                                   HKCR\clsid\{91870674-de84-4313-b07d-
 a387415bb4f5}\versionindependentprogid
     Creates key:
                                                                    HKCR\clsid\{91870674-de84-4313-b07d-a387415bb4f5}\inprocserver32
     Creates key:
                                                                    HKCR\clsid\{1f7e6c6d-c3f8-4c80-8d77-c4825abbe5cf}
     Creates key:
                                                                    HKCR\clsid\{1f7e6c6d-c3f8-4c80-8d77-c4825abbe5cf}\progid
                                                                    HKCR\clsid\{1f7e6c6d-c3f8-4c80-8d77-
     Creates key:
 c4825abbe5cf}\versionindependentprogid
                                                                    HKCR\clsid\{1f7e6c6d-c3f8-4c80-8d77-c4825abbe5cf}\inprocserver32
     Creates key:
     Creates key:
                                                                    HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\state\
    Creates key:
                                                                    HKLM\system\currentcontrolset\services\tcpip\parameters
    Creates key:
                                                                    HKU\.default\software\microsoft\windows\currentversion\explorer\user
 shell folders
    Creates key:
                                                                    HKU\.default\software\microsoft\windows\currentversion\explorer\shell
 folders
     Creates key:
                                                                    Creates key:
                                                                    HKLM\software\microsoft\pchealth\errorreporting
     Creates key:
                                                                    \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ pchealth\+ error reporting\+ exclusion list
     Creates key:
                                                                    HKLM\software\microsoft\pchealth\errorreporting\inclusionlist
     Creates key:
HKU \verb|\|.default\| software \verb|\| microsoft\| windows \verb|\| current version \verb|\| explorer \verb|\| mountpoints 2 \verb|\| current version \verb|\| explorer \verb|\|
     Creates key:
                                                                    HKLM\software\microsoft\windows\currentversion\shell extensions\blocked
                                                                    HKU\.default\software\microsoft\windows\currentversion\shell
    Creates kev:
 extensions\blocked
     Creates key:
                                                                    HKLM\software\microsoft\windows\currentversion\shell extensions\cached
    Creates key:
                                                                    HKU\.default\software\microsoft\windows\currentversion\shell
extensions\cached
    Creates key:
                                                                    HKLM\software\microsoft\windows\currentversion\explorer\user shell
 folders
     Creates key:
                                                                    \label{lem:hklmsoftware} \begin{tabular}{l} HKLM \end{tabular} software \end{tabular} in the constraint of the constra
     Creates key:
                                                                    HKU\.default\software\microsoft\windows\currentversion\internet settings
     Deletes value:
                                                                    HKLM\software\microsoft\pchealth\errorreporting\dw[dwfiletreeroot]
    Opens key:
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\54b31207c61a234f126500151139a137.exe
     Opens key:
                                                                   HKLM\system\currentcontrolset\control\terminal server
                                                                    HKLM\system\currentcontrolset\control\safeboot\option
    Opens kev:
    Opens key:
                                                                    HKLM\software\policies\microsoft\windows\safer\codeidentifiers
                                                                    HKCU\software\policies\microsoft\windows\safer\codeidentifiers
    Opens kev:
    Opens key:
HKLM \ software \ microsoft \ windows \ current version \ side by side \ assembly storage roots
    Opens key:
                                                                    \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ limage file execution
 options\msvcrt.dll
     Opens key:
                                                                    \label{lem:hklm} \mbox{HKLM\software\mbox{$\backslash$ microsoft\windows nt\currentversion\selection}} \ \ \mbox{microsoft\windows nt\currentversion\selection} \ \ \mbox{\software\selection} \ \ \mbox{\software\selection} \ \mbox{\software\software\selection} \ \mbox{\software\selection} \ \mbox{\software\select
 options\user32.dll
     Opens key:
                                                                    HKLM\system\currentcontrolset\control\session manager
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
     Opens key:
options\imm32.dll
    Opens key:
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\ntdll.dll
Opens key:
options\kernel32.dll
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
    Opens key
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\gdi32.dll
    Opens key:
                                                                    \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ limage file execution
options\mfc42u.dll
     Opens key:
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\secur32.dll
    Opens key:
                                                                    \label{lem:hklm} \mbox{HKLM\software\mbox{$\backslash$ microsoft\windows nt\currentversion\selection}} \ \ \mbox{microsoft\windows nt\currentversion\selection} \ \ \mbox{\software\selection} \ \ \mbox{\software\selection} \ \mbox{\software\software\selection} \ \mbox{\software\selection} \ \mbox{\software\select
 options\rpcrt4.dll
    Opens key:
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\advapi32.dll
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
    Opens key:
options\ole32.dll
    Opens key:
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
 options\oleaut32.dll
    Opens key:
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
 options\mag_hook.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 kev:
                                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\psapi.dll
                                                                    HKLM\system\currentcontrolset\control\error message instrument\
    Opens key:
     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:
                                                                    HKCU\
```

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Opens key:
                                               HKCU\software\policies\microsoft\control panel\desktop
   Opens key:
                                               HKCU\control panel\desktop
   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\ole
   Opens key:
                                               HKCR\interface
   Opens key:
                                               HKCR\interface\{00020400-0000-0000-c000-00000000046}
   Opens key:
                                               HKLM\software\microsoft\oleaut
   Opens key:
                                               HKLM\software\microsoft\oleaut\userera
   Opens key:
                                               \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows\+ current version\+ explorer\+ performance
   Opens key:
                                               HKLM\system\setup
   Opens key:
                                               \label{lem:hkcu} \verb+KCU\software\microsoft\windows\currentversion\explorer\advanced
   Opens key:
                                               HKLM\software\microsoft\windows nt\currentversion\languagepack
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
   Opens key:
options\msctf.dll
   Opens key:
HKLM\software\microsoft\ctf\compatibility\54b31207c61a234f126500151139a137.exe
                                               HKLM\software\microsoft\ctf\systemshared\
   Opens key:
                                               HKCU\keyboard layout\toggle
   Opens kev:
   Opens key:
                                               HKLM\software\microsoft\ctf\
                                               HKLM\software\microsoft\windows nt\currentversion\imm
   Opens key:
   Opens key:
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
options\version.dll
   Opens key:
                                               HKCU\software\microsoft\windows nt\currentversion\appcompatflags\layers
   Opens key:
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options\msctfime.ime
   Opens key:
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   Opens key:
                                               HKLM\software\microsoft\ctf\systemshared
   Opens key:
                                               HKCU\software\microsoft\magnify
   Opens key:
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
options\uxtheme.dll
   Opens kev:
                                               HKCU\software\microsoft\windows\currentversion\thememanager
   Opens key:
                                               HKCU\control panel\accessibility\blind access
   Opens kev:
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
options\msvcp60.dll
   Opens key:
                                               \label{lem:hklm} \verb+Kklm/software/microsoft/windows nt/currentversion/image file execution
options\oleacc.dll
   Opens key:
                                               HKLM\software\microsoft\active accessibility\handlers
   Opens key:
                                               HKCU\software\classes\
   Opens key:
                                               HKCU\software\classes\typelib
   Opens key:
                                               HKCR\typelib
   Opens key:
                                               HKCU\software\classes\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}
                                               HKCR\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}
   Opens kev:
                                               \label{lem:hkcu} \begin{tabular}{ll} HKCU \software \classes \typelib \floar \classes \clas
   Opens key:
                                               HKCR\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}\1.1
   Opens kev:
                                               HKCU \setminus software \setminus classes \setminus typelib \setminus \{1ea4dbf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c3b-11cf-810c-4c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4bf0-3c4
   Opens key
00aa00389b71}\1.1\flags
                                               \label{lem:hkcr} $$ HKCR \times 10^{-3}c3b-11cf-810c-00aa00389b71 \ 1.1\ flags $$
   Opens key:
   Opens key:
                                               HKCU\software\classes\typelib\{1ea4dbf0-3c3b-11cf-810c-
00aa00389b71}\1.1\0
   Opens key:
                                               HKCR\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}\1.1\0
   Opens key:
                                               HKCU\software\classes\typelib\{1ea4dbf0-3c3b-11cf-810c-
00aa00389b71}\1.1\0\win32
   Opens key:
                                               HKCR\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}\1.1\0\win32
                                               HKCU\software\classes\typelib\{1ea4dbf0-3c3b-11cf-810c-
   Opens key:
00aa00389b71}\1.1\helpdir
                                              HKCR\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}\1.1\helpdir
   Opens key:
   Opens kev:
                                               HKCU\software\classes\interface
                                               HKCU\software\classes\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}
   Opens key:
   Opens key:
                                               HKCR\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}
   Opens key:
                                               HKCU\software\classes\interface\{618736e0-3c3d-11cf-810c-
00aa00389b71}\proxystubclsid
                                               HKCR\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}\proxystubclsid
   Opens key:
                                               HKCU\software\classes\interface\{618736e0-3c3d-11cf-810c-
   Opens key
00aa00389b71}\proxystubclsid32
   Opens key:
                                               HKCR\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}\proxystubclsid32
   Opens key:
                                               HKCU\software\classes\interface\{618736e0-3c3d-11cf-810c-
00aa00389b71}\typelib
   Opens key:
                                               HKCR\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}\typelib
                                               HKCU\software\classes\interface\{03022430-abc4-11d0-bde2-00aa001a1953}
   Opens key:
   Opens key:
                                               HKCR\interface\{03022430-abc4-11d0-bde2-00aa001a1953}
   Opens key
                                               HKCU\software\classes\interface\{03022430-abc4-11d0-bde2-
00aa001a1953}\proxystubclsid
   Opens key:
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   Opens key:
                                               HKCU\software\classes\interface\{03022430-abc4-11d0-bde2-
00aa001a1953}\proxystubclsid32
                                               Opens kev:
                                               HKCU\software\classes\interface\{03022430-abc4-11d0-bde2-
   Opens key:
00aa001a1953}\typelib
                                               HKCR\interface\{03022430-abc4-11d0-bde2-00aa001a1953}\typelib
   Opens key:
   Opens kev:
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
options\msasn1.dll
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
   Opens key:
options\crypt32.dll
   Opens key:
                                               HKLM \setminus system \setminus current control set \setminus services \setminus crypt 32 \setminus performance
   Opens key:
                                               HKLM \backslash software \backslash microsoft \backslash windows \ nt \backslash current version \backslash msasn1
   Opens key:
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
options\imagehlp.dll
   Opens key:
                                               \label{lem:hklm} \mbox{ HKLM\software\mbox{\sc microsoft\windows nt\currentversion\sc mage file execution} \\
```

options\wintrust.dll

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

options\sfc\_os.dll

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

options\atl.dll

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

options\pstorec.dll

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

options\crtdll.dll

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

options\sfc.dll

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

Opens key: HKLM\system\currentcontrol\computername\activecomputername

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\54b31207c61a234f126500151139a137.exe\rpcthreadpoolthrottle
Opens key: HKLM\software\policies\microsoft\windows nt\rpc
Opens key: HKLM\system\currentcontrolset\services\tcpip\parameters
Opens key: HKLM\software\policies\microsoft\system\dnsclient

Opens key: HKCU\software\microsoft\ctf\langbaraddin\
Opens key: HKLM\software\microsoft\ctf\langbaraddin\

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

options\cisvc.exe

Opens key: HKLM\system\wpa\tabletpc
Opens key: HKLM\system\wpa\mediacenter

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

options\acgenral.dll

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

options\query.dll

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

options\shimeng.dll

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

options\winmm.dll

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

options\msacm32.dll

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

options\userenv.dll

Opens key: HKU\.default\software\policies\microsoft\control panel\desktop

Opens key: HKU\.default\control panel\desktop

Opens key: HKU\.default\software\microsoft\windows\currentversion\explorer\advanced

Opens key: HKLM\software\microsoft\windows nt\currentversion\drivers32

Opens key:

HKLM\system\currentcontrolset\control\mediaproperties\privateproperties\joystick\winmm
Opens key: HKLM\software\microsoft\audiocompressionmanager\drivercache

Opens key:

 $HKLM \verb|\software\m| icrosoft\audiocompression manager\driver cache\m| sacm.imaadpcm$ 

Opens key:

HKLM\software\microsoft\audiocompressionmanager\drivercache\msacm.msadpcm

Opens key: HKLM\software\microsoft\audiocompressionmanager\drivercache\msacm.msg711

Opens key:

 $HKLM \ \ software \ \ \ microsoft \ \ \ audio compression manager \ \ \ \ \ msacm. \ msgsm610$ 

 $\label{thm:continuous} Opens key: $$ HKLM\software\microsoft\audiocompressionmanager\drivercache\msacm.trspch $$ Opens key: $$ HKLM\software\microsoft\audiocompressionmanager\drivercache\msacm.msg723 $$ HKLM\software\microsoft\audiocompressionmanager\drivercache\msacm.msg723 $$ HKLM\software\microsoft\audiocompressionmanager\drivercache\msacm.msg723 $$ HKLM\software\msacm.msg723 $$ HKLM\soft$ 

Opens key:

 $HKLM \verb|\software\microsoft\audiocompression manager\driver cache \verb|\msacm.msaudio1| \\$ 

Opens key:

 $\label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ audio compression manager\+ driver cache\+ msacm.sl\_anet$ 

Opens key: HKLM\software\microsoft\audiocompressionmanager\drivercache\msacm.iac2
Opens key: HKLM\software\microsoft\audiocompressionmanager\drivercache\msacm.13acm

Opens key: HKLM\system\currentcontrolset\control\mediaresources\acm Opens key: HKLM\system\currentcontrolset\control\productoptions

Opens key: HKU\.default\software\microsoft\windows\currentversion\explorer\user

shell folders

Opens key: HKLM\software\policies\microsoft\windows\system

Opens key: HKU\.default\software\microsoft\windows\currentversion\thememanager

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

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

options\cisvc.exe\rpcthreadpoolthrottle

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

Opens key: HKLM\system\currentcontrolset\control\contentindex\catalogs
Opens key: HKLM\system\currentcontrolset\control\contentindex\catalogs\system
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\contentindex\catalogs\system\scopes

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\clbcatq.dll

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

Opens key: HKLM\software\classes

Opens key: HKU\
Opens key: HKCR\clsid

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Opens key:
                        HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a}
 Opens key:
                        HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a}\treatas
 Opens key:
                        HKCR\
                        Opens key:
 Opens key:
                        HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a}\inprocserverx86
                        HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a}\localserver32
 Opens kev:
                        HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a}\inprochandler32
 Opens key:
                        HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a}\inprochandlerx86
 Opens kev:
                        HKCR\clsid\{2a488070-6fd9-11d0-a808-00a0c906241a}\localserver
 Opens key:
 Opens key
                        HKCR\clsid\{f9ae8980-7e52-11d0-8964-
00c04fd611d7}\extendederrors\{f9ae8981-7e52-11d0-8964-00c04fd611d7}
 Opens key:
                        HKCR\clsid\f9ae8980-7e52-11d0-8964-00c04fd611d7\}\extendederrors
 Opens key:
                        Opens key:
                        HKCR\clsid\{f9ae8981-7e52-11d0-8964-
00c04fd611d7}\versionindependentprogid
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 Opens kev:
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 Opens key:
 Opens key:
                        HKCR\msidxs errorlookup\clsid
                        HKCR\msidxs errorlookup
 Opens key:
 Opens key:
                        HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7}\ole db provider
                        HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7}\inprocserver32
 Opens key:
                        HKCR\clsid\{f9ae8980-7e52-11d0-8964-
 Opens key
00c04fd611d7}\versionindependentprogid
 Opens key:
                        Opens key:
                        HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7}
 Opens key:
                        HKCR\msidxs\clsid
 Opens key:
                        HKCR\msidxs
 Opens key:
                        HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-00c04fc2f410}\) in procserver 32
                        HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-
00c04fc2f410}\versionindependentprogid
 Opens key:
                        HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-00c04fc2f410}\progid
                        HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-00c04fc2f410}
 Opens key:
                        HKLM\system\currentcontrolset\control
 Opens kev:
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 Opens kev:
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 Opens key:
 Opens key:
                        HKCR\binaryfile
 Opens key:
                        HKCR\vxdfile
 Opens key:
                        HKCR\vxdfile\clsid
 Opens key:
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                        HKCR\clsid\{9e56be61-c50f-11cf-9a2c-00a0c90a90ce}\clsid
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 Opens key:
                        HKCR\clsid\{888dca60-fc0a-11cf-8f0f-00c04fd7d062}
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nt\currentversion\appcompatflags\layers
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Opens key: HKCR\htmlfile\clsid
Opens key: HKU\.default\software\microsoft\.netframework
Opens key: HKLM\software\microsoft\.netframework
Opens key: HKCR\asp\_auto\_file
Opens key: HKCR\aspxfile

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  Opens kev:
options\mscorsvc.dll
  Opens key:
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                                      \label{lem:hklm} \mbox{HKLM} \mbox{$\mbox{hicrosoft}\windows nt\currentversion} \mbox{$\mbox{image file execution}$}
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options\winsta.dll
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{\tt options \backslash powrprof.dll}
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options\ciodm.dll
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  Opens key:
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  Opens key:
00c04fc2db8d}\versionindependentprogid
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Opens key: HKCR\microsoft.iscatadm.1\clsid
Opens key: HKCR\microsoft.iscatadm
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   Opens key:
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   Opens key:
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   Opens key:
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   Opens key:
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   Opens key:
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00c04fc2db8d}\versionindependentprogid
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   Opens kev:
                                                 HKCR\clsid\{f07f3920-7b8c-11cf-9be8-00aa004b9986}\localserver
   Opens key:
                                                 HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-0090272fa362}\treatas
   Opens kev:
                                                 HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-0090272fa362}\inprocserverx86
   Opens key:
                                                 HKCR \ clsid \ \{80a3e9b0-a246-11d3-bb8c-0090272fa362\} \ localserver 32
   Opens key:
                                                 HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-0090272fa362}\tinprochandler 32
   Opens key:
                                                 Opens key:
                                                 HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-0090272fa362}\localserver
   Opens key:
                                                 HKCR\.xls
                                                 HKCR\excelviewer.sheet.8\curver
   Opens key:
   Opens key:
                                                 HKCR\excelviewer.sheet.8\
   Opens key:
                                                 HKCR\excelviewer.sheet.8\shellex\iconhandler
   Opens key:
                                                 HKCR\systemfileassociations\.xls
   Opens key:
                                                 HKCR\systemfileassociations\.xls\shellex\iconhandler
   Opens key:
                                                 HKCR\systemfileassociations\.xls\clsid
   Opens kev:
                                                 HKCR\excelviewer.sheet.8\shellex\propertyhandler
   Opens kev:
                                                 HKCR\.xls\shellex\propertyhandler
   Opens key:
                                                 HKCR\systemfileassociations\.xls\shellex\propertyhandler
   Opens key:
                                                 HKCR\.wk4\persistenthandler
   Opens key:
                                                 HKCR\.wk4
   Opens key:
                                                 HKCR\.wk4\shellex\iconhandler
                                                 HKCR\systemfileassociations\.wk4
   Opens key:
   Opens kev:
                                                 HKCR\.wk4\clsid
   Opens key:
                                                 HKCR\.wk4\shellex\propertyhandler
   Opens key:
                                                 HKCR\.ppt\persistenthandler
   Opens key:
                                                 HKCR\.shw\persistenthandler
   Opens kev:
                                                 HKCR\.shw
   Opens key:
                                                 HKCR\.shw\shellex\iconhandler
   Opens key:
                                                 HKCR\systemfileassociations\.shw
                                                 HKCR\.shw\clsid
   Opens key:
   Opens key:
                                                 HKCR\.shw\shellex\propertyhandler
   Opens key:
                                                 HKCR\.lnk\persistenthandler
   Opens key:
                                                 HKCR\.lnk
   Opens key:
                                                 HKCR\lnkfile\clsid
   Opens key:
                                                 \label{local_hkkkk} \begin{tabular}{ll} HKCR\clsid\{00021401-0000-0000-c000-000000000046}\persistenthandler \end{tabular} \\
```

```
Opens key:
                                               HKCR\clsid\{00021401-0000-0000-c000-
00000000046}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af}
   Opens key:
                                               HKCR\clsid\{00021401-0000-0000-c000-00000000046}\inprocserver32
                                               HKCR\clsid\{00021401-0000-0000-c000-000000000046}
   Opens key:
   Opens key:
                                               HKCR\clsid\{00021401-0000-0000-c000-00000000046}\treatas
  Opens key:
                                               HKCR\clsid\{00021401-0000-0000-c000-00000000046}\inprocserverx86
                                               HKCR\clsid\{00021401-0000-0000-c000-00000000046}\localserver32
   Opens key:
  Opens kev:
                                               HKCR\clsid\{00021401-0000-0000-c000-00000000046}\inprochandler32
   Opens key:
                                               HKCR\clsid\{00021401-0000-0000-c000-00000000046}\inprochandlerx86
                                               \label{localserver} \mbox{HKCR\clsid\{00021401-0000-0000-c000-000000000046\}\localserver} \mbox{$<$ $$}\mbox{$<$ $$}\mbox
  Opens kev:
   Opens key:
                                               HKCR\appid\cidaemon.exe
  Opens key:
                                               HKLM\system\currentcontrolset\control\lsa
                                               HKCR\interface\{0000010b-0000-0000-c000-000000000046}
   Opens key:
   Opens key:
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
   Opens key:
options\linkinfo.dll
   Opens key:
                                               HKCR\network\sharinghandler
   Opens key:
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
options\ntshrui.dll
   Opens kev:
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
options\xpsp2res.dll
                                               HKCR\.exe
   Opens key:
                                               HKCR\exefile\curver
  Opens key:
   Opens key:
                                               HKCR\exefile\
   Opens key:
                                               HKCR\exefile\shellex\iconhandler
   Opens key:
                                               HKCR\systemfileassociations\.exe
   Opens key:
                                               HKCR\systemfileassociations\application
                                               HKCR \ interface \ \{89bcb740-6119-101a-bcb7-00dd010655af\}
   Opens key:
   Opens key:
                                               HKCR\lnkfile
   Opens key:
                                               HKCR\lnkfile\curver
   Opens key:
                                               HKCR\lnkfile\
                                               HKCR\lnkfile\shellex\iconhandler
   Opens key:
                                               HKCR\systemfileassociations\.lnk
   Opens kev:
  Opens key:
                                              HKCR\clsid\{00021401-0000-0000-c000-00000000046}\implemented
categories\{00021490-0000-0000-c000-00000000046}
   Opens key:
                                               HKCR\lnkfile\shellex\propertyhandler
   Opens key:
                                               HKCR\.lnk\shellex\propertyhandler
  Opens key:
a2ea-08002b30309d}
                                               HKCR\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}\inprocserver32
   Opens key:
   Opens key:
                                               HKCR\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}
  Opens key:
                                               HKCR\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}\treatas
   Opens key:
                                               HKCR\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}\inprocserverx86
                                               HKCR\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}\localserver32
   Opens key:
   Opens kev:
                                               HKCR\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}\inprochandler32
  Opens key:
                                               \label{local-eq:hkcr} \begin{tabular}{ll} HKCR\clsid\\ \{871c5380-42a0-1069-a2ea-08002b30309d\\ \label{lc} \end{tabular} \begin{tabular}{ll} \e
   Opens kev:
                                               HKCR\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}\localserver
  Opens key:
                                               \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ image file execution
options\iertutil.dll
   Opens key:
                                               \label{lem:hklm} \mbox{ HKLM\software\mbox{\sc microsoft\windows nt\currentversion\sc mage file execution} \\
options\ieframe.dll
   Opens key:
                                               HKLM\software\microsoft\windows\currentversion\app paths\iexplore.exe
   Opens key:
                                               HKLM\software\microsoft\internet explorer\setup
   Opens key:
                                               HKLM\system\currentcontrolset\control\wmi\security
   Opens key:
                                               HKCR\interface\{eab22ac1-30c1-11cf-a7eb-0000c05bae0b}\typelib
   Opens kev:
                                               HKCR\clsid\{a4a1a128-768f-41e0-bf75-e4fddd701cba}
                                               HKCR\interface\{b722bccb-4e68-101b-a2bc-00aa00404770}\proxystubclsid32
   Opens key:
                                               HKCR\interface\{79eac9c4-baf9-11ce-8c82-00aa004ba90b}\proxystubclsid32
   Opens kev:
                                               Opens key:
   Opens key:
                                               HKCR \verb|\interface| \{93f2f68c-1d1b-11d3-a30e-00c04f79abd1\} \verb|\proxystubclsid32| 
   Opens key:
                                               HKCR\.zfsendtotarget
   Opens key:
                                               HKCR\clsid\{888dca60-fc0a-11cf-8f0f-00c04fd7d062}\curver\]
   Opens key:
                                               HKCR\clsid\{888dca60-fc0a-11cf-8f0f-00c04fd7d062}
   Opens key:
                                               HKCR\clsid\{888dca60-fc0a-11cf-8f0f-00c04fd7d062}\shellex\iconhandler
   Opens key:
                                               HKCR\systemfileassociations\.zfsendtotarget
   Opens key:
                                               HKCR\clsid\{888dca60-fc0a-11cf-8f0f-
00c04fd7d062}\shellex\propertyhandler
   Opens key:
                                               HKCR\.zfsendtotarget\shellex\propertyhandler
   Opens key:
                                               HKCR\drive\shellex\folderextensions
  Opens kev:
                                               HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-
409d6c4515e9}
                                               HKCR\.ico
   Opens key:
                                               HKCR\icofile\curver
   Opens kev:
   Opens key:
                                               HKCR\icofile\
   Opens key:
                                               HKCR\icofile\shellex\iconhandler
   Opens key:
                                               HKCR\systemfileassociations\.ico
                                               HKCR\systemfileassociations\image
   Opens kev:
   Opens key:
                                               HKCR\systemfileassociations\image\shellex\iconhandler
  Opens key:
                                               HKCR\systemfileassociations\image\clsid
   Opens key:
                                               HKCR\.chm
   Opens key:
                                               HKCR\chm.file
   Opens key:
                                               HKCR\chm.file\curver
   Opens key:
                                               HKCR\chm.file\
   Opens key:
                                               HKCR\chm.file\shellex\iconhandler
   Opens key:
                                               HKCR\systemfileassociations\.chm
   Opens key:
                                               HKCR\chm.file\clsid
   Opens key:
                                               HKCR\.msc
   Opens key:
                                               HKCR\mscfile
                                               HKCR\mscfile\curver
   Opens key:
```

```
Opens key:
                                            HKCR\mscfile\
   Opens key:
                                            HKCR\mscfile\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.msc
                                            HKCR\mscfile\clsid
   Opens key:
   Opens key:
                                            HKCR\.cpl
   Opens key:
                                            HKCR\cplfile\curver
   Opens key:
                                            HKCR\cplfile\
   Opens kev:
                                            HKCR\cplfile\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.cpl
   Opens kev:
                                            HKCR\.wb2\persistenthandler
   Opens key:
                                            HKCR\.wb2
   Opens key:
                                            HKCR\.wb2\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.wb2
   Opens key:
                                            HKCR\.wb2\clsid
                                            {\it HKCR} \verb|\|.wb2\| shellex \verb|\| property handler
   Opens key:
                                            HKCR\.wav\persistenthandler
   Opens key:
                                            HKCR\clsid\{098f2470-bae0-11cd-b579-
   Opens key:
08002b30bfeb}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af}
                                            HKCR\clsid\{c3278e90-bea7-11cd-b579-08002b30bfeb}
   Opens key:
   Opens key:
                                            HKCR\clsid\{c3278e90-bea7-11cd-b579-08002b30bfeb}\treatas
   Opens key:
                                            HKCR\clsid\{c3278e90-bea7-11cd-b579-08002b30bfeb}\inprocserverx86
   Opens key:
                                            HKCR\clsid\{c3278e90-bea7-11cd-b579-08002b30bfeb}\localserver32
   Opens key:
                                            HKCR\clsid\{c3278e90-bea7-11cd-b579-08002b30bfeb}\inprochandler32
   Opens key:
                                            HKCR \verb|\clsid|{c3278e90-bea7-11cd-b579-08002b30bfeb} \verb|\inprochandlerx86| \\
   Opens key:
                                            HKCR\clsid\{c3278e90-bea7-11cd-b579-08002b30bfeb}\localserver
   Opens key:
                                            HKCR\.wav
   Opens key:
                                            HKCR\soundrec\curver
   Opens key:
                                            HKCR\soundrec\
                                            HKCR\soundrec\shellex\iconhandler
   Opens key:
   Opens key:
                                            HKCR\systemfileassociations\.wav
   Opens key:
                                            HKCR\systemfileassociations\.wav\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\audio
                                            HKCR\systemfileassociations\audio\shellex\iconhandler
   Opens kev:
                                            HKCR\clsid\{00020c01-0000-0000-c000-0000000046}\implemented
   Opens key:
categories\{00021490-0000-0000-c000-00000000046}
   Opens key:
                                            HKCR\soundrec\shellex\propertyhandler
   Opens key:
                                            HKCR\.wav\shellex\propertyhandler
   Opens key:
                                            HKCR\systemfileassociations\.wav\shellex\propertyhandler
   Opens key:
                                            HKCR\clsid\{e4b29f9d-d390-480b-92fd-7ddb47101d71}\inprocserver32
   Opens key:
                                            HKLM\software\microsoft\windows nt\currentversion\image file execution
options\verclsid.exe
   Opens key:
                                            HKCR\clsid\{e4b29f9d-d390-480b-92fd-7ddb47101d71}
   Opens key:
                                            HKCR\clsid\{e4b29f9d-d390-480b-92fd-7ddb47101d71}\treatas
   Opens key:
                                            HKCR\clsid\{e4b29f9d-d390-480b-92fd-7ddb47101d71}\inprocserverx86
                                            HKCR\clsid\{e4b29f9d-d390-480b-92fd-7ddb47101d71}\localserver32
   Opens key:
                                            HKCR\clsid\{e4b29f9d-d390-480b-92fd-7ddb47101d71}\inprochandler32
   Opens kev:
                                            HKCR \verb|\clsid|{e4b29f9d-d390-480b-92fd-7ddb47101d71} \verb|\inprochandlerx86|
   Opens key:
   Opens kev:
                                            HKCR\clsid\{e4b29f9d-d390-480b-92fd-7ddb47101d71}\localserver
   Opens key:
                                            \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ image file execution
options\msvfw32.dll
   Opens key:
                                            \label{lem:hklm} \mbox{ HKLM\software\mbox{\sc microsoft\windows nt\currentversion\sc mage file execution} \\
options\avifil32.dll
   Opens key:
                                            \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ image file execution
options\shmedia.dll
   Opens key:
                                            HKLM\software\microsoft\windows nt\currentversion\vfw
                                            HKLM\software\microsoft\windows
   Opens key:
nt\currentversion\appcompatflags\custom\shmedia.dll
\label{lem:condition} Opens key: \\ \text{HKLM} software \mbox{$\text{microsoft} \mbox{$\text{windows} \sim $\text{currentversion}$} \\ \text{HKLM} software \mbox{$\text{microsoft} \mbox{$\text{windows} \sim $\text{currentversion}$} \\ \text{HKLM} software \mbox{$\text{microsoft} \mbox{$\text{windows} \sim $\text{currentversion}$} \\ \text{HKLM} software \mbox{$\text{microsoft} \mbox{$\text{microsoft} \sim $\text{currentversion}$} \\ \text{HKLM} software \mbox{$\text{microsoft} \sim $\text{microsoft} \sim 
92fd-7ddb47101d71}
   Opens key:
                                            {\tt HKCR} \verb|\|.doc\\| persistent handler
   Opens key:
                                            HKCR\.doc
   Opens key:
                                            HKCR\wordview.document.8\curver
   Opens key:
                                            HKCR\wordview.document.8\
   Opens key:
                                            HKCR\wordview.document.8\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.doc
   Opens key:
                                            HKCR\systemfileassociations\.doc\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.doc\clsid
   Opens key:
                                            HKCR\wordview.document.8\shellex\propertyhandler
   Opens key:
                                            HKCR\.doc\shellex\propertyhandler
   Opens kev:
                                            HKCR\systemfileassociations\.doc\shellex\propertyhandler
                                            {\it HKCR} \verb|\|.wpd\persistenthandler|
   Opens kev:
   Opens key:
                                            HKCR\.wpd
   Opens key:
                                            HKCR\.wpd\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.wpd
   Opens key:
                                            HKCR\.wpd\clsid
   Opens key:
                                            HKCR\.wpd\shellex\propertyhandler
   Opens kev:
                                            HKCR\.wpg\persistenthandler
   Opens key:
                                            HKCR\.wpg
   Opens key:
                                            HKCR\.wpg\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.wpg
                                            HKCR\.wpg\clsid
   Opens key:
                                            HKCR\.wpg\shellex\propertyhandler
   Opens key:
   Opens key:
                                            HKCR\.jpg\persistenthandler
                                            HKCR∖.jpg
   Opens key:
                                            HKCR\jpegfile\curver
   Opens key:
   Opens key:
                                            HKCR\jpegfile\
   Opens key:
                                            HKCR\jpegfile\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.jpg
                                            HKCR\systemfileassociations\.jpg\shellex\iconhandler
   Opens key:
```

```
categories\{00021490-0000-0000-c000-000000000046}
                                    HKCR\jpegfile\shellex\propertyhandler
  Opens key:
                                    HKCR\.jpg\shellex\propertyhandler
  Opens key:
  Opens key:
                                    HKCR\systemfileassociations\.jpg\shellex\propertyhandler
  Opens key:
                                    HKCR\systemfileassociations\image\shellex\propertyhandler
                                    HKCR\clsid\{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}\inprocserver32
  Opens key:
                                    HKCR\clsid\{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}
  Opens kev:
                                    HKCR\clsid\{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}\treatas
  Opens key:
  Opens kev:
                                    HKCR\clsid\{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}\inprocserverx86
  Opens key:
                                    HKCR\clsid\{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}\localserver32
  Opens key:
                                    \label{lem:hkcr} $$HKCR\clsid{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}\inprochandler32 $$
  Opens key:
                                    HKCR\clsid\{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}\) in prochandler x 86
  Opens key:
                                    HKCR\clsid\{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}\localserver
                                    \label{lem:hklm} \mbox{ HKLM\software\mbox{\sc microsoft\windows nt\currentversion\sc mage file execution} \\
  Opens key:
options\gdiplus.dll
  Opens key:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\shimgvw.dll
  Opens key:
                                    HKLM\hardware\devicemap\video
                                    HKU\.default\software\microsoft\ctf
  Opens kev:
  Opens key:
                                    HKLM\software\microsoft\windows
nt\currentversion\appcompatflags\custom\shimgvw.dll
  Opens key:
959a-a3266bc3d7fe}
  Opens key:
                                    HKCR\interface\{0000013a-0000-0000-c000-00000000046}
  Opens key:
                                    HKCR\interface\{0000013a-0000-0000-c000-00000000046}\proxystubclsid32
  Opens key:
                                    HKCR\interface\{0000013b-0000-0000-c000-00000000046}
                                    HKCR\interface\{0000013b-0000-0000-c000-00000000046}\proxystubclsid32
  Opens key:
                                    HKCR\interface\{00000138-0000-0000-c000-000000000046}
  Opens key:
  Opens key:
                                    HKCR\interface\{00000138-0000-0000-c000-00000000046}\proxystubclsid32
                                    HKCR\interface\{00000139-0000-0000-c000-000000000046}
  Opens key:
                                    HKCR\interface\{00000139-0000-0000-c000-00000000046}\proxystubclsid32
  Opens kev:
  Opens key:
                                    HKCR\.wpl\persistenthandler
  Opens kev:
                                    HKCR\.wn1
                                    HKCR\wplfile\clsid
  Opens key:
  Opens key:
                                    HKCR\wplfile
  Opens key:
                                    HKCR\wplfile\curver
  Opens key:
                                    HKCR\wplfile\
  Opens key:
                                    HKCR\wplfile\shellex\iconhandler
  Opens key:
                                    HKCR\systemfileassociations\.wpl
  Opens key:
                                    HKCR\systemfileassociations\.wpl\shellex\iconhandler
  Opens key:
                                    HKCR\systemfileassociations\.wpl\clsid
  Opens key:
                                    HKCR\wplfile\shellex\propertyhandler
  Opens key:
                                    HKCR\.wpl\shellex\propertyhandler
                                    HKCR\systemfileassociations\.wpl\shellex\propertyhandler
  Opens kev:
  Opens key:
                                    HKCR\.wma\persistenthandler
                                    HKCR\.wma
  Opens key:
  Opens key:
                                    HKCR\wmafile\curver
  Opens key:
                                    HKCR\wmafile\
  Opens key:
                                    HKCR\wmafile\shellex\iconhandler
  Opens key:
                                    HKCR\systemfileassociations\.wma
                                    \hbox{\tt HKCR} \verb|\systemfileassociations|.wma\shellex| iconhandler}
  Opens key:
  Opens kev:
                                    HKCR\systemfileassociations\.wma\clsid
  Opens key:
                                    HKCR\systemfileassociations\audio\clsid
  Opens key:
                                    HKCR\wmafile\shellex\propertyhandler
                                    HKCR\.wma\shellex\propertyhandler
  Opens kev:
                                    HKCR\systemfileassociations\.wma\shellex\propertyhandler
  Opens key:
  Opens kev:
                                    HKCR\clsid\{875cb1a1-0f29-45de-a1ae-cfb4950d0b78}\inprocserver32
                                    HKCR\clsid\{875cb1a1-0f29-45de-a1ae-cfb4950d0b78}
  Opens key:
  Opens key:
                                    HKCR \verb|\clsid|{875cb1a1-0f29-45de-a1ae-cfb4950d0b78} \verb|\treatas|
  Opens key:
                                    Opens key:
                                    HKCR\clsid\{875cb1a1-0f29-45de-a1ae-cfb4950d0b78}\localserver32
  Opens key:
                                    HKCR\clsid\{875cb1a1-0f29-45de-a1ae-cfb4950d0b78}\inprochandler32
  Opens key:
                                    HKCR\clsid\{875cb1a1-0f29-45de-a1ae-cfb4950d0b78}\tinprochandlerx86
  Opens key:
                                    HKCR \c1sid \end{argument} \label{localserver} A Local \end{argument} A Local \end{argume
  Opens key:
a1ae-cfb4950d0b78}
  Opens key:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\drmclien.dll
  Opens key:
                                    HKLM\software\microsoft\drm
  Opens key:
                                    \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ image file execution
options\msdmo.dll
  Opens key:
                                    \label{lem:hklm} \mbox{ HKLM\software\mbox{\sc microsoft\windows nt\currentversion\sc mage file execution} \\
options\urlmon.dll
  Opens key:
                                    HKCR\protocols\name-space handler\
                                    HKU\.default\software\policies\microsoft\windows\currentversion\internet
  Opens key:
settings
  Opens key:
                                    HKLM\software\microsoft\windows\currentversion\internet settings
  Opens key:
                                    HKLM\software\policies\microsoft\windows\currentversion\internet
settings
                                    HKU\.default\software\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature_protocol_lockdown
  Opens key:
                                    HKLM\software\microsoft\internet
\verb|explorer\main\featurecontrol\feature_protocol_lockdown|
  Opens key:
                                    HKLM\software\policies\microsoft\windows\currentversion\internet
settings\
  Opens key:
                                    HKLM\software\policies\microsoft\internet explorer\main\featurecontrol
  Opens key:
                                    HKU\.default\software\policies\microsoft\internet
```

 $\label{lem:hkcrclsid} $$HKCR\clsid_{25336920-03f9-11cf-8fd0-00aa00686f13}\le entering $$ Leman = 1.00 + 1.0$ 

Opens key:

```
explorer\main\featurecontrol
                                                             HKLM\software\microsoft\internet explorer\main\featurecontrol
    Opens key:
    Opens key:
                                                             HKU\.default\software\microsoft\internet explorer\main\featurecontrol
    Opens key:
                                                             HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_ignore_policies_zonemap_if_esc_enabled_kb918915
                                                             HKLM\software\policies\microsoft\windows\currentversion\internet
   Opens kev:
settings\zonemap\domains\
                                                             HKU\.default\software\policies\microsoft\windows\currentversion\internet
   Opens key:
settings\zonemap\domains\
   Opens key:
                                                             HKLM\software\policies\microsoft\windows\currentversion\internet
settings\zonemap\ranges\
   Opens key:
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settings\zonemap\ranges\
   Opens key:
                                                             HKU\.default\software\microsoft\internet
explorer\main\featurecontrol\feature_unc_savedfilecheck
                                                             HKLM\software\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature_unc_savedfilecheck
   Opens key:
                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\normaliz.dll
    Opens kev:
                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\wininet.dll
   Opens key:
                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\wmasf.dll
    Opens key:
                                                             \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ image file execution
options\wmidx.dll
    Opens key:
                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\wsock32.dll
   Opens key:
                                                             \label{lem:hklm} \mbox{ HKLM\software\mbox{\sc microsoft\windows nt\currentversion\sc mage file execution} \\
options\wmvcore.dll
    Opens key:
                                                             HKU\.default\software\microsoft\windows media\wmsdk\metering
    Opens key:
                                                             HKCR\.desklink\persistenthandler
   Opens key:
                                                             HKCR\.desklink
                                                             HKCR\clsid\{9e56be61-c50f-11cf-9a2c-00a0c90a90ce}\curver
    Opens kev:
                                                             HKCR\clsid\{9e56be61-c50f-11cf-9a2c-00a0c90a90ce}\
    Opens key:
                                                             HKCR\clsid\{9e56be61-c50f-11cf-9a2c-00a0c90a90ce}\shellex\iconhandler
    Opens kev:
    Opens key:
                                                             HKCR\systemfileassociations\.desklink
    Opens key:
                                                             HKCR\clsid\{9e56be61-c50f-11cf-9a2c-}
00a0c90a90ce}\shellex\propertyhandler
                                                             HKCR\.desklink\shellex\propertyhandler
    Opens key:
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    Opens key:
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    Opens key:
                                                             HKCR\clsid\{9e56be60-c50f-11cf-9a2c-00a0c90a90ce}\curver
                                                             HKCR\clsid\{9e56be60-c50f-11cf-9a2c-00a0c90a90ce}\
   Opens key:
                                                             HKCR\clsid\{9e56be60-c50f-11cf-9a2c-00a0c90a90ce}\shellex\iconhandler
    Opens kev:
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                                                             HKCR\systemfileassociations\.mapimail
    Opens kev:
                                                             HKCR\clsid\{9e56be60-c50f-11cf-9a2c-
00a0c90a90ce}\shellex\propertyhandler
                                                             HKCR\.mapimail\shellex\propertyhandler
    Opens key:
    Opens key:
                                                             HKCR\.dat\persistenthandler
    Opens key:
                                                             HKCR\.dat
    Opens key:
                                                             HKCR\.dat\shellex\iconhandler
    Opens key:
                                                             HKCR\systemfileassociations\.dat
    Opens key:
                                                             HKCR\.dat\clsid
    Opens kev:
                                                             HKCR\.dat\shellex\propertyhandler
    Opens key:
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    Opens key:
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    Opens kev:
    Opens key:
                                                             HKCR\.mydocs\persistenthandler
                                                             HKCR\.mydocs
    Opens kev:
                                                             HKCR\clsid\{ecf03a32-103d-11d2-854d-006008059367}\curver
    Opens key:
    Opens key:
                                                             HKCR\clsid\{ecf03a32-103d-11d2-854d-006008059367}\
    Opens key:
                                                             Opens key:
                                                             HKCR\systemfileassociations\.mydocs
    Opens key:
                                                             HKCR\clsid\{ecf03a32-103d-11d2-854d-
006008059367}\shellex\propertyhandler
                                                             HKCR\.mydocs\shellex\propertyhandler
    Opens key:
    Opens key:
                                                             HKCR\.zip
    Opens key:
                                                             HKCR\compressedfolder\curver
    Opens key:
                                                             HKCR\compressedfolder\
    Opens key:
                                                             HKCR\compressedfolder\shellex\iconhandler
   Opens key:
                                                             HKCR\svstemfileassociations\.zip
    Opens key:
                                                             \label{lem:hkcr} \mbox{\tt HKCR} \mbox{\tt systemfileassociations \verb|\.zip\shellex|} icon handler \mbox{\tt hellow} \mbox{\tt hellow}
    Opens key:
                                                             {\tt HKCR} \verb|\systemfileassociations| compressed
   Opens key:
                                                             HKCR\clsid\\{e88dcce0-b7b3-11d1-a9f0-00aa0060fa31}\\{implemented}
categories\{00021490-0000-0000-c000-000000000046}
    Opens key:
                                                             Opens key:
                                                             HKU \verb|\|.default\| software \verb|\| microsoft\| windows \verb|\| current version \verb|\| policies \verb|\| nonenum |\| and the policies \verb|\| and the policies \verb|\| nonenum |\| and the policies \verb|\| and the polic
    Opens key:
                                                             HKLM\software\microsoft\windows\currentversion\policies\nonenum
   Opens key:
HKLM \ software \ microsoft \ windows \ current version \ shell compatibility \ objects \ \{e88dcce0-b7b3-11d1-b4b4, \ barrier \ barrie
a9f0-00aa0060fa31}
    Opens kev:
                                                             HKLM\software\microsoft\windows nt\currentversion\profilelist
                                                             HKCR\clsid\{59031a47-3f72-44a7-89c5-5595fe6b30ee}\inprocserver32
    Opens key:
                                                             HKCR\.url\persistenthandler
   Opens key:
                                                             HKCR\clsid\{8cd34779-9f10-4f9b-adfb-
    Opens key:
b3 faeabdab5a \} \ persistent add in sregistered \\ \{89bcb740-6119-101a-bcb7-00dd010655af\}
    Opens key:
                                                             HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}\inprocserver32
    Opens key:
                                                             HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}
    Opens key:
                                                             HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}\treatas
    Opens key:
                                                             HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}\tinprocserverx86
```

```
Opens key:
                                            HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}\localserver32
   Opens key:
                                            HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}\tinprochandler32
   Opens key:
                                            \label{local-equation} HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}\ \ inprochandlerx86
                                            HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}\localserver
   Opens key:
   Opens key:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}
   Opens key:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}\treatas
   Opens key:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}\inprocserver32
   Opens kev:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}\inprocserverx86
                                            \label{localserver32} HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}\localserver32
   Opens key:
                                            HKCR \verb|\clsid| \{06eee834-461c-42c2-8dcf-1502b527b1f9\} \verb|\inprochandler32|
  Opens kev:
                                            HKCR \verb|\clsid| \{06eee834-461c-42c2-8dcf-1502b527b1f9\} \verb|\inprochandlerx86|
   Opens key:
  Opens key:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}\localserver
   Opens key:
                                            \label{local-eq:hkcr} $$ HKCR\clsid_{06eee834-461c-42c2-8dcf-1502b527b1f9} \in \\ HKCR_{clsid}_{06eee834-461c-42c2-8dcf-1502b527b1f9} \in \\ HKCR_
   Opens key:
                                            HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}
   Opens key:
                                            HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}\treatas
   Opens key:
                                            HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}\inprocserver32
                                            HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}\inprocserverx86
   Opens key:
   Opens key:
                                            HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}\localserver32
   Opens key:
                                            HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}\inprochandler32
   Opens key:
                                            HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}\inprochandlerx86
                                            HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}\localserver
   Opens key:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Opens key
1502b527b1f9}\instance\initpropertybag
   Opens key:
                                            Opens key:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage
   Opens key:
                                            HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_urlfile_cacheflush_kb936881
                                            HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}
   Opens key:
                                            HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}\treatas
   Opens key:
   Opens key:
                                            HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}\inprocserver32
                                            HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}\inprocserverx86
  Opens key:
   Opens key:
                                            HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}\localserver32
                                            HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}\inprochandler32
   Opens key:
   Opens kev:
                                            HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}\inprochandlerx86
                                            HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}\localserver
  Opens key:
   Opens key:
                                            HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}
  Opens key:
                                            HKCR \clsid \end{6f237df9-9ddb-47ad-b218-400d54c286ad} \treat as
   Opens key:
                                            HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}\inprocserver32
   Opens key:
                                            HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}\inprocserverx86
                                            HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}\localserver32
   Opens key:
   Opens key:
                                            HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}\inprochandler 32
  Opens key:
                                            HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}\inprochandlerx86
   Opens key:
                                            HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}\localserver
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Opens key
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Opens key:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}\2
   Opens key:
                                            HKCR\.url
   Opens key:
                                            HKCR\internetshortcut\curver
   Opens key:
                                            HKCR\internetshortcut\
   Opens key:
                                            HKCR\internetshortcut\shellex\iconhandler
   Opens key:
                                            HKCR\systemfileassociations\.url
                                            HKCR\clsid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}\implemented
   Opens kev:
categories\{00021490-0000-0000-c000-00000000046}
   Opens key:
                                            HKCR\internetshortcut\shellex\propertyhandler
                                            HKCR\clsid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}\inprocserver32
   Opens kev:
                                            HKCR\clsid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}\treatas
  Opens key:
                                            HKCR\clsid\{fhf23h40-e3f0-101h-8488-00aa003e56f8}\inprocserverx86
   Opens kev:
                                            HKCR\clsid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}\localserver32
   Opens key:
   Opens key:
                                            HKCR\clsid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}\inprochandler32
  Opens key:
                                            HKCR \verb|\clsid|{fbf23b40-e3f0-101b-8488-00aa003e56f8} \verb|\inprochandlerx86| | Constant |
   Opens key:
                                            HKCR\clsid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}\localserver
   Opens key:
                                            HKCR\appid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}
   Opens key:
HKLM\software\microsoft\windows\currentversion\shellcompatibility\objects\{fbf23b40-e3f0-101b-
8488-00aa003e56f8}
   Opens key:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage\{d5cdd505-2e9c-101b-9397-08002b2cf9ae}
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Opens key
1502b527b1f9}\instance\propertysetstorage\{5cbf2787-48cf-4208-b90e-ee5e5d420294}
   Opens kev:
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage\{5cbf2787-48cf-4208-b90e-ee5e5d420294}\2
   Opens key:
                                            HKLM\software\policies
   Opens key:
                                            HKU\.default\software\policies
   Opens key:
                                            HKU\.default\software
   Opens key:
                                            HKLM\software
                                            HKU\.default\software\microsoft\windows\currentversion\internet
   Opens key:
settings\url history
  Opens key:
                                            HKLM\software\microsoft\windows\currentversion\internet settings\url
history
  Opens key:
                                            HKLM\software\microsoft\windows nt\currentversion\image file execution
options\mlang.dll
  Opens kev:
                                            HKLM\software\microsoft\windows\currentversion\internet
settings\5.0\cache
  Opens key:
                                            HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache
  Opens key:
                                            HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\content
   Opens key:
                                            HKU\.default\software\microsoft\windows\currentversion\internet
```

```
settings\5.0\cache\cookies
                                             HKU\.default\software\microsoft\windows\currentversion\internet
   Opens key:
settings\5.0\cache\history
                                             HKU\.default\software\microsoft\windows\currentversion\internet
  Opens key:
settings\5.0\cache\extensible cache
                                            HKU\.default\software\microsoft\windows\currentversion\internet
  Opens kev:
settings\5.0\cache\extensible cache\ietld
                                            HKU\.default\software\microsoft\windows\currentversion\internet
  Opens kev:
settings\5.0\cache\extensible cache\mshist012013122320131224
                                            \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKU\label{thm:local_hammon} HKU\label{thm:local_hammon} Light (a) & \begin{tabular}{ll} HKU\label{thm:local_hammon} Light (a) & \beg
  Opens key:
   Opens key:
                                             HKU\.default\software\microsoft\internet
explorer\main\featurecontrol\feature_http_username_password_disable
   Opens key:
                                             HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_http_username_password_disable
                                             HKLM\software\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature_allow_reverse_solidus_in_userinfo_kb932562
  Opens key:
                                            HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_use_ietldlist_for_domain_determination
                                            HKU\.default\software\microsoft\internet explorer\ietld
   Opens key:
                                             HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Opens key
1502b527b1f9 \\ instance \\ property sets to rage \\ \{000214a0-0000-0000-c000-0000000000046\} \\ \\ \lambda = 1502b527b1f9 \\
                                             HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Opens key
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\5
   Opens key
                                             HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\6
                                             HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Opens key
HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Opens key:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\8
  Opens key:
                                             HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\9
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Opens key:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}\10
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Opens key
Opens key:
                                             HKCR\clsid\{06eee834-461c-42c2-8dcf-
Opens key
                                             HKCR\clsid\{06eee834-461c-42c2-8dcf-
Opens key:
                                             HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}\14
                                            HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Opens key:
HKLM\system\currentcontrolset\control\terminal server[tsappcompat]
   Oueries value:
   Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[transparentenabled]
                                             {\tt HKLM \backslash system \backslash current control \backslash session \ manager[safed] lsearch mode]}
   Queries value:
   Oueries value:
                                             HKLM\software\microsoft\windows
nt\currentversion\gre_initialize[disablemetafiles]
   Oueries value:
                                             HKLM\software\microsoft\windows
nt\currentversion\compatibility32[54b31207c61a234f126500151139a137]
   Queries value:
                                             HKLM\software\microsoft\windows nt\currentversion\ime
compatibility[54b31207c61a234f126500151139a137]
   Queries value:
                                            HKLM\software\microsoft\windows nt\currentversion\windows[appinit_dlls]
   Queries value:
                                             HKCU\control panel\desktop[multiuilanguageid]
   Queries value:
                                             HKLM\software\microsoft\windows nt\currentversion\winlogon[leaktrack]
   Oueries value:
                                             HKLM\svstem\currentcontrolset\control\session
manager[criticalsectiontimeout]
                                             HKLM\software\microsoft\ole[rwlockresourcetimeout]
   Oueries value:
   Queries value:
                                             HKCR\interface[interfacehelperdisableall]
   Queries value:
                                             {\tt HKCR \setminus interface[interface helper disable all for ole 32]}
   Queries value:
                                             HKCR\interface[interfacehelperdisabletypelib]
   Queries value:
                                             HKCR\interface\{00020400-0000-0000-c000-
00000000046}[interfacehelperdisableall]
                                             HKCR\interface\{00020400-0000-0000-c000-
   Queries value:
00000000046}[interfacehelperdisableallforole32]
   Queries value:
                                             HKLM\system\setup[systemsetupinprogress]
   Queries value:
                                             HKCU\control panel\desktop[smoothscroll]
   Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[enableballoontips]
                                             HKLM\software\microsoft\ctf\svstemshared[cuas]
   Oueries value:
                                             HKCU\keyboard layout\toggle[language hotkey]
   Oueries value:
   Oueries value:
                                             HKCU\keyboard layout\toggle[hotkey]
   Oueries value:
                                             HKCU\keyboard layout\toggle[layout hotkey]
   Queries value:
                                             HKLM\software\microsoft\ctf[enableanchorcontext]
   Queries value:
                                             HKLM\software\microsoft\windows nt\currentversion\imm[ime file]
                                             HKCU\software\microsoft\ctf[disable thread input manager]
   Queries value:
   Oueries value:
                                             HKCU\software\microsoft\windows\currentversion\thememanager[compositing]
   Queries value:
                                             HKCU\control panel\desktop[lamebuttontext]
                                             HKLM\system\currentcontrolset\control\session
   Queries value:
manager[safeprocesssearchmode]
                                             HKCR\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}\1.1[]
   Oueries value:
                                             HKCR\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}\1.1\flags[]
   Oueries value:
                                             HKCR\typelib\{1ea4dbf0-3c3b-11cf-810c-00aa00389b71}\1.1\0\win32[]
   Oueries value:
                                             HKCR\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}[]
   Oueries value:
                                             HKCR\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}\proxystubclsid[]
   Oueries value:
   Queries value:
                                             Oueries value:
                                             HKCR\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}\typelib[]
   Queries value:
                                             HKCR\interface\{618736e0-3c3d-11cf-810c-00aa00389b71}\typelib[version]
                                             HKCR\interface\{03022430-abc4-11d0-bde2-00aa001a1953}[]
   Queries value:
```

```
Oueries value:
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nt\currentversion\drivers32[msacm.msgsm610]
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Queries value: HKCR\.in\_[] Queries value: HKCR\.inv[] Queries value: HKCR\.ivf[] HKCR\.jbf[] Queries value: Queries value: HKCR\.jfif[] HKCR\pjpegfile\clsid[] Oueries value: Oueries value: HKCR\.jpe[] HKCR\jpegfile\clsid[] Oueries value: Queries value: HKCR\.jpeg[] Oueries value: HKCR\.jpg[] Queries value: HKCR\.latex[] Queries value: HKCR\.lib[] Queries value: HKCR\.m14[] Queries value: HKCR\.m1v[] Queries value: HKCR\.m3u[] HKCR\.mdb[] Queries value: Queries value: HKCR\.mid[] Queries value: HKCR\midfile\clsid[] HKCR\.midi[] Queries value: Oueries value: HKCR\.mmf[] HKCR\.mov[] Oueries value: HKCR\.movie[] Queries value: Queries value: HKCR\.mp2[] Queries value: HKCR\.mp2v[] Queries value: HKCR\.mp3[] Queries value: HKCR\.mpa[] Queries value: HKCR\.mpe[] Queries value: HKCR\.mpeg[] Queries value: HKCR\.mpg[] Queries value: HKCR\.mpv2[] HKCR\.msg[] Oueries value: HKCR\.mv[] Queries value: HKCR\.mydocs[] Oueries value: HKCR\.ncb[] Oueries value: Oueries value: HKCR\.obj[] Queries value: HKCR\.oc\_[] Queries value: HKCR\.ocx[] Queries value: HKCR\.pch[] Queries value: HKCR\.pdb[] Queries value: HKCR\.pds[] Queries value: HKCR\.pic[] Queries value: HKCR\.pma[] Queries value: HKCR\.pmc[] HKCR\.pml[] Oueries value: HKCR\.pmr[] Oueries value: Oueries value: HKCR\.png[] HKCR\pngfile\clsid[] Queries value: Oueries value: HKCR\.psd[] Queries value: HKCR\.res[] Oueries value: HKCR\.rle[] Queries value: HKCR\.rmi[] Queries value: HKCR\.rpc[] Queries value: HKCR\.rsp[] HKCR\.sbr[] Queries value: HKCR\.sc2[] Oueries value: HKCR\.sit[] Queries value: Oueries value: HKCR\.snd[] HKCR\.sr\_[] Oueries value: Oueries value: HKCR\.sy\_[] Queries value: HKCR\.sym[] Queries value: HKCR\.sys[] Queries value: HKCR\.tar[] Queries value: HKCR\.tgz[] Queries value: HKCR\.tif[] Queries value: HKCR\.tiff[] HKCR\.tlb[] Queries value: Queries value: HKCR\.tsp[] Queries value: HKCR\.ttc[] Queries value: HKCR\.ttf[] HKCR\.vbx[] Queries value: Oueries value: HKCR\.vxd[] Oueries value: HKCR\.wav[] Queries value: HKCR\soundrec\clsid[] Queries value: HKCR\.wax[] Queries value: HKCR\.wll[] Queries value: HKCR\.wlt[] Queries value: HKCR\.wm[] HKCR\.wma[] Queries value: Queries value: HKCR\.wmf[] Queries value: HKCR\.wmp[] HKCR\.wmv[] Queries value: HKCR\.wmx[] Oueries value: HKCR\.wmz[] Oueries value: HKCR\.wsz[] Oueries value: HKCR\.wvx[] Queries value: HKCR\.xix[] Oueries value: Queries value: HKCR\.z[] Queries value: HKCR\.z96[] Queries value: HKCR\.zip[]

HKCR\compressedfolder\clsid[]

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HKCR\rtffile\clsid[]
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    Queries value:
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    Queries value:
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nt\currentversion\compatibility32[mscorsvw]
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compatibility[mscorsvw]
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   Oueries value:
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                                                     \label{local-eq:hkcr} $$ HKCR \inf \{ f7456c32-6ff0-11d1-a260-0000f8753d7c \} \times [1] $$ is the second of the second of
   Oueries value:
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assemblies/microsoft/framework/v3.0/system.identitymodel.dll[priority]

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\label{lem:hklm} \verb+Kklm \system \current control \contentindex[filter files with unknown extensions]
      Oueries value:
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Oueries value:

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      Queries value:
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Queries value:

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                                                                                                    {\tt HKLM \ } system \verb| current control \verb| set \verb| control \verb| content index[scanback off]|
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Queries value:

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\label{local-equation} \begin{tabular}{ll} HKLM \end{tabular} $$HKLM \end{tabular} $$ io.log, $$ 
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HKLM \ software \ microsoft \ .net framework \ \ v2.0.50727 \ ngenser vice \ \ voots \ \ uiautomation provider,
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35[priority]
```

```
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35[keeppriority]
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[status]
      Queries value:
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\uiautomationprovider,
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[scenario]
      Oueries value:
\label{lem:hklm} \begin{tabular}{ll} HKLM \label{lem:hklm} & \begin{tabular}{ll} HKLM \label{lkm} & \begin{tabular}{ll} HKLM \label{
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[config]
      Oueries value:
HKLM \ software \ microsoft \ .net framework \ \ v2.0.50727 \ ngenser vice \ \ voits \ \ ui automation provider,
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[repositorydir]
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[repositoryflags]
      Queries value:
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[imagelist]
      Oueries value:
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\uiautomationtypes.
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35[status]
      Oueries value:
HKLM \verb|\software\microsoft|.net framework \verb|\v2.0.50727 \ngenser vice\noots \verb|\uiautomationtypes|, and the software \verb|\software\microsoft|.net framework \nge noots \verb|\software\microsoft|.net framework \nge noots \nge n
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35[priority]
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35[keeppriority]
HKLM \ software \ microsoft \ .net framework \ v2.0.50727 \ ngenser vice \ roots \ viautomation types,
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[status]
      Queries value:
HKLM \verb|\software\microsoft|.net framework \verb|\v2.0.50727 \verb|\ngenservice\ng| roots \verb|\uiautomationtypes|, and the software \verb|\microsoft|.net framework \verb|\v2.0.50727 \verb|\ngenservice\ng| roots \verb|\uiautomationtypes|, and the software \verb|\ngenservice\ng| roots ro
Oueries value:
\label{lem:hklm} \begin{tabular}{ll} HKLM \end{tabular} \begin{tabular}{ll} HKLM \end{tabular}
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[config]
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[repositorydir]
      Queries value:
HKLM \verb|\software\microsoft|.net framework \verb|\v2.0.50727 \verb|\ngenservice\ng| roots \verb|\uiautomationtypes|, and the software \verb|\microsoft|.net framework \verb|\v2.0.50727 \verb|\ngenservice\ng| roots \verb|\uiautomationtypes|, and the software \verb|\ngenservice\ng| roots ro
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[repositoryflags]
      Oueries value:
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\uiautomationtypes.
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[imagelist]
      Oueries value:
culture=neutral, publickeytoken=31bf3856ad364e35[status]
      Queries value:
culture=neutral, publickeytoken=31bf3856ad364e35[priority]
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\windowsbase. version=3.0.0.0.
culture=neutral, publickeytoken=31bf3856ad364e35[keeppriority]
      Queries value:
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\windowsbase. version=3.0.0.0.
culture=neutral, publickeytoken=31bf3856ad364e35\0[status]
      Oueries value:
HKLM \ software \ microsoft \ .net framework \ v2.0.50727 \ ngenser vice \ roots \ windows base, \ version = 3.0.0.0,
culture = neutral, \ publickey to ken = 31bf3856ad364e35 \\ \ \ 0 [scenario]
      Queries value:
HKLM \ software \ microsoft \ .net framework \ v2.0.50727 \ ngenser vice \ roots \ windows base, \ version = 3.0.0.0,
culture=neutral, publickeytoken=31bf3856ad364e35\0[config]
culture=neutral, publickeytoken=31bf3856ad364e35\0[repositorydir]
      Oueries value:
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\windowsbase, version=3.0.0.0,
culture=neutral, publickeytoken=31bf3856ad364e35\0[repositoryflags]
      Oueries value:
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\windowsbase, version=3.0.0.0,
culture=neutral, publickeytoken=31bf3856ad364e35\0[imagelist]
      Queries value:
HKLM \verb|\software\microsoft|.net framework \verb|\v2.0.50727 \verb|\ngenservice\ng| roots \verb|\windows forms integration|, and the state of the 
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35[status]
HKLM \ software \ microsoft \ .net framework \ \ v2.0.50727 \ ngenser vice \ \ roots \ \ windows forms integration,
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35[priority]
      Oueries value:
HKLM \ software \ microsoft \ .net framework \ v2.0.50727 \ ngenser vice \ roots \ windows forms integration,
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35[keeppriority]
      Oueries value:
\label{local-equation} HKLM \software \microsoft \. net framework \slash 2.0.50727 \ngenser vice \roots \windows forms integration,
version = 3.0.0.0, \ culture = neutral, \ publickey to ken = 31bf3856ad364e35 \setminus 0 [status]
      Oueries value:
```

 $HKLM \ software \ microsoft \ .net framework \ v2.0.50727 \ ngenser vice \ roots \ windows forms integration,$ 

 $HKLM \verb|\software\microsoft|.net framework \verb|\v2.0.50727 \verb|\ngenservice\ng| roots \verb|\windows forms integration|, and the state of the$ 

version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[scenario]

```
HKLM \ software \ microsoft \ .net framework \ \ v2.0.50727 \ ngenser vice \ \ roots \ \ windows forms integration,
Queries value:
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\windowsformsintegration,
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[repositoryflags]
 Oueries value:
HKLM\software\microsoft\.netframework\v2.0.50727\ngenservice\roots\windowsformsintegration,
version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[imagelist]
  Oueries value:
                         HKLM\software\microsoft\.netframework[ijwentrypointcompatmode]
  Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [query adapter name]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disableadapterdomainname]
  Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usedomainnamedevolution]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[usedomainnamedevolution]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[prioritizerecorddata]
 Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters [prioritize record data]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[allowunqualifiedquery]
 Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters [allow unqualified query]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[appendtomultilabelname]
 Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[screenbadtlds]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[screenunreachableservers]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[filterclusterip]
 Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [wait for name error on all]
  Queries value:
                         \label{lem:hklm} \verb+Kklm \system \current control set \services \dns cache \parameters [useedns]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[queryipmatching]
                         HKLM\system\currentcontrolset\services\dnscache\parameters[usehostsfile]
 Queries value:
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationenabled]
 Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disabledynamicupdate]
 Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [register primary name]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registeradaptername]
  Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters [enable adapter domain name registration]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registerreverselookup]
 Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disablereverseaddressregistrations]
 Queries value:
                         HKLM\system\currentcontrolset\services\ldap[ldapclientintegrity]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registerwanadapters]
 Oueries value:
Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationttl]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationttl]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationrefreshinterval]
 Oueries value:
Oueries value:
Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[maxnumberofaddressestoregister]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatesecuritylevel]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[updatesecuritylevel]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatezoneexcludefile]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatetopleveldomainzones]
  Queries value:
                         HKLM\system\currentcontrolset\services\dnscache\parameters[dnstest]
  Oueries value:
                         HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachesize]
                         HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachettl]
  Oueries value:
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[maxnegativecachettl]
 Oueries value:
Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[serverprioritytimelimit]
  Queries value:
```

version=3.0.0.0, culture=neutral, publickeytoken=31bf3856ad364e35\0[config]

```
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [max cached sockets]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastlistenlevel]
   Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [multicast send level]
   Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquerytimeouts]
   Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquickquerytimeouts]
   Oueries value:
HKCR\clsid\{1e9685e6-db6d-11d0-bb63-
   Queries value:
00c04fc2f410}\inprocserver32[inprocserver32]
   Queries value:
                                               HKCR\clsid\{1e9685e6-db6d-11d0-bb63-00c04fc2f410\}\inprocserver32[]
                                                HKCR\clsid\{1e9685e6-db6d-11d0-bb63-00c04fc2f410}[appid]
   Queries value:
   Oueries value:
                                               HKCR\clsid\{1e9685e6-db6d-11d0-bb63-
00c04fc2f410}\inprocserver32[threadingmodel]
                                               HKLM\software\microsoft\windows nt\currentversion\image file execution
   Queries value:
options\mscorwks.dll[checkapphelp]
   Oueries value:
                                                HKLM\software\microsoft\.netframework[gcstressstart]
   Oueries value:
                                                HKLM\software\microsoft\.netframework[gcstressstartatiit]
   Queries value:
                                                HKLM\software\microsoft\.netframework[disableconfigcache]
   Oueries value:
                                                HKLM\software\microsoft\fusion[cachelocation]
   Queries value:
                                                HKLM\software\microsoft\fusion[downloadcachequotainkb]
   Oueries value:
                                                HKLM\software\microsoft\fusion[enablelog]
                                                HKLM\software\microsoft\fusion[logginglevel]
   Queries value:
   Queries value:
                                                HKLM\software\microsoft\fusion[forcelog]
   Queries value:
                                                HKLM\software\microsoft\fusion[logfailures]
   Oueries value:
                                                HKLM\software\microsoft\fusion[versioninglog]
   Queries value:
                                                HKLM\software\microsoft\fusion[logresourcebinds]
                                                HKLM\software\microsoft\fusion[uselegacyidentityformat]
   Oueries value:
                                                HKLM\software\microsoft\fusion[disablemsipeek]
   Queries value:
   Oueries value:
                                                HKLM\software\microsoft\fusion[noclientchecks]
   Oueries value:
                                                HKU\.default\software\microsoft\windows\currentversion\explorer\user
shell folders[appdata]
   Queries value:
HKLM \setminus software \setminus microsoft \setminus fusion \setminus native images index \setminus v2.0.50727\_32 [latestindex]
HKLM\software\microsoft\fusion\nativeimagesindex\v2.0.50727_32\index9c[niusagemask]
   Oueries value:
HKLM\software\microsoft\fusion\nativeimagesindex\v2.0.50727_32\index9c[ilusagemask]
   Oueries value:
HKLM\software\microsoft\fusion\nativeimagesindex\v2.0.50727 32\ni\181938c6\7950e2c5\8[displayname]
   Oueries value:
HKLM\software\microsoft\fusion\nativeimagesindex\v2.0.50727 32\ni\181938c6\7950e2c5\8[configmask]
   Oueries value:
HKLM\software\microsoft\fusion\nativeimagesindex\v2.0.50727_32\ni\181938c6\7950e2c5\8[configstring]
   Oueries value:
HKLM\software\microsoft\fusion\nativeimagesindex\v2.0.50727_32\ni\181938c6\7950e2c5\8[mvid]
   Oueries value:
Queries value:
HKLM\software\microsoft\fusion\nativeimagesindex\v2.0.50727_32\ni\181938c6\7950e2c5\8[status]
   Oueries value:
HKLM \ software \ microsoft \ fusion \ native images index \ v2.0.50727\_32 \ ni \ 181938c6 \ 7950e2c5 \ 8[ildependencies]
   Queries value:
HKLM \ software \ microsoft \ fusion \ native images index \ v2.0.50727\_32 \ ni \ 181938c6 \ 7950e2c5 \ 8[nidependencies]
   Oueries value:
HKLM \label{lem:hklm} Software \microsoft \fusion \native images index \normalises 20.50727\_32 \ni\normalises 22.5 \normalises 22.5 \normali
   Queries value:
HKLM \label{lem:hklm} White the last of 
   Queries value:
HKLM \ software \ microsoft \ fusion \ native images index \ v2.0.50727\_32 \ il\ 7950e2c5 \ 3838a3a4 \ 8[status]
\label{local-ham} HKLM \setminus software \setminus introsoft \setminus fusion \setminus interior ages index \setminus v2.0.50727\_32 \setminus i1 \setminus 7950e2c5 \setminus 3838a3a4 \setminus 8[modules]
   Queries value:
HKLM\software\microsoft\fusion\nativeimagesindex\v2.0.50727_32\il\7950e2c5\3838a3a4\8[sig]
   Oueries value:
HKLM \setminus software \setminus microsoft \setminus fusion \setminus native images index \setminus v2.0.50727\_32 \setminus i1 \setminus 7950e2c5 \setminus 3838a3a4 \setminus 8[lastmodtime]
   Queries value:
HKLM\software\microsoft\fusion\gacchangenotification\default[mscorlib.2.0.0.0..b77a5c561934e089.x86]
   Oueries value:
                                                \label{lem:hkul.default} HKU\. default\software\mbox{\verb|microsoft|| windows\currentversion|| explorer\user|} \\
shell folders[cache]
   Queries value:
                                                HKLM\software\microsoft\fusion\publisherpolicy\default[latest]
                                                HKLM \setminus software \setminus microsoft \setminus fusion \setminus publisher policy \setminus default[index1]
   Queries value:
   Queries value:
HKLM \setminus software \setminus microsoft \setminus fusion \setminus publisher policy \setminus default[legacypolicy times tamp]
   Oueries value:
                                               HKLM\software\microsoft\cryptography\defaults\provider types\type
001[name]
   Queries value:
                                               HKLM\software\microsoft\cryptography\defaults\provider\microsoft strong
cryptographic provider[type]
                                                \tt HKLM \ software \ microsoft \ cryptography \ defaults \ provider \ microsoft \ strong
   Oueries value:
cryptographic provider[image path]
                                               HKLM\software\microsoft\cryptography[machineguid]
   Oueries value:
   Queries value:
                                               HKU\.default\control panel\international[locale]
   Oueries value:
HKLM \setminus system \setminus current control \setminus network provider \setminus hworder [provider order]
   Queries value:
                                                HKLM\system\currentcontrolset\services\rdpnp\networkprovider[name]
   Queries value:
                                                HKLM\system\currentcontrolset\services\rdpnp\networkprovider[class]
   Queries value:
```

```
HKLM\system\currentcontrolset\services\rdpnp\networkprovider[providerpath]
    Queries value:
HKLM\system\currentcontrolset\services\lanmanworkstation\networkprovider[name]
    Queries value:
\label{lem:hklm} \verb+Kklm \ system \ current control set \ \verb+services \ \verb+lanman work station \ \verb+network provider \ [class]
   Oueries value:
HKLM\svstem\currentcontrolset\services\lanmanworkstation\networkprovider[providerpath]
                                                        HKLM\svstem\currentcontrolset\services\webclient\networkprovider[name]
   Oueries value:
                                                        {\tt HKLM} \  \  \, \text{System} \  \  \, \text{currentcontrolset} \  \  \, \text{Services} \  \  \, \text{webclient} \  \  \, \text{networkprovider} \  \  \, \text{[class]}
    Oueries value:
   Oueries value:
HKLM\system\currentcontrolset\services\webclient\networkprovider[providerpath]
   Queries value:
                                                        HKLM\software\microsoft\windows nt\currentversion\network\world full
access shared parameters[sort hyphens]
    Queries value:
                                                        HKLM\software\microsoft\windows nt\currentversion\aedebug[auto]
                                                        \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} Software \end{tabular} in the current version \end{tabular} and consider the current version 
    Queries value:
                                                        HKLM\software\microsoft\pchealth\errorreporting[doreport]
    Oueries value:
    Queries value:
                                                        HKLM\software\microsoft\pchealth\errorreporting[showui]
    Queries value:
                                                        HKLM\software\microsoft\pchealth\errorreporting[allornone]
                                                        HKLM\software\microsoft\pchealth\errorreporting[includemicrosoftapps]
    Queries value:
    Oueries value:
                                                        HKLM\software\microsoft\pchealth\errorreporting[includewindowsapps]
    Oueries value:
                                                        HKLM\software\microsoft\pchealth\errorreporting[dotextlog]
    Queries value:
                                                        HKLM \setminus software \setminus microsoft \setminus pchealth \setminus error reporting [include kernel faults] \\
    Oueries value:
                                                        \label{lem:hklm} \verb+Kklm/software/microsoft/pchealth/errorreporting[includes hutdownerrs]
    Queries value:
                                                        \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ pchealth\+ error reporting [number of fault pipes]
    Oueries value:
                                                        HKLM\software\microsoft\pchealth\errorreporting[numberofhangpipes]
                                                        HKLM\software\microsoft\pchealth\errorreporting[maxuserqueuesize]
    Queries value:
                                                        HKLM\software\microsoft\pchealth\errorreporting[forcequeuemode]
    Queries value:
    Queries value:
HKLM\software\microsoft\pchealth\errorreporting\exclusionlist[infocard.exe]
   Queries value:
                                                        HKLM\software\microsoft\windows
nt\currentversion\compatibility32[cidaemon]
                                                        HKLM\software\microsoft\windows nt\currentversion\ime
   Queries value:
compatibilitv[cidaemon]
                                                       HKCR\clsid\{aa205a4d-681f-11d0-a243-
   Oueries value:
08002b36fca4}\inprocserver32[inprocserver32]
                                                       HKCR\clsid\{aa205a4d-681f-11d0-a243-08002b36fca4}\inprocserver32[]
    Queries value:
    Oueries value:
                                                        \label{local-equation} $HKCR \cdot [appid] $$ HKCR \cdot [appid] $$
    Queries value:
                                                       HKCR\clsid\{aa205a4d-681f-11d0-a243-
08002b36fca4}\inprocserver32[threadingmodel]
    Oueries value:
HKLM\system\currentcontrolset\control\contentindex\catalogs\system[filtertrackers]
                                                       HKLM\system\currentcontrolset\control\contentindex[filtertrackers]
    Queries value:
    Queries value:
HKLM\svstem\currentcontrolset\control\contentindex\catalogs\svstem\scopes[]
   Oueries value:
HKLM\system\currentcontrolset\control\contentindex\language\dutch_dutch[locale]
   Queries value:
HKLM\system\currentcontrolset\control\contentindex\language\english_uk[locale]
   Queries value:
HKLM\system\currentcontrolset\control\contentindex\language\english_us[locale]
    Queries value:
HKLM\system\currentcontrolset\control\contentindex\language\french_french[locale]
    Queries value:
HKLM\system\currentcontrolset\control\contentindex\language\german_german[locale]
   Queries value:
Oueries value:
HKLM\system\currentcontrolset\control\contentindex\language\neutral[locale]
    Oueries value:
Oueries value:
HKLM\system\currentcontrolset\control\contentindex\language\neutral[stemmerclass]
    Queries value:
\label{thm:loss} \begin{tabular}{ll} HKLM \end{tabular} $$HKLM \end{tabular} $$ In oisefile $$
                                                       HKCR\clsid\{369647e0-17b0-11ce-9950-
00aa004bbb1f}\inprocserver32[inprocserver32]
    Queries value:
                                                       HKCR\clsid\{369647e0-17b0-11ce-9950-00aa004bbb1f}\inprocserver32[]
    Queries value:
                                                        HKCR\clsid\{369647e0-17b0-11ce-9950-00aa004bbb1f}[appid]
                                                       HKCR\clsid\{369647e0-17b0-11ce-9950-
   Oueries value:
00aa004bbb1f}\inprocserver32[threadingmodel]
                                                       HKCR\.ini\persistenthandler[]
   Oueries value:
    Oueries value:
                                                       HKCR\clsid\{5e941d80-bf96-11cd-b579-
08002b30bfeb\\ \persistent add in sregistered \verb|\{89bcb740-6119-101a-bcb7-00dd010655af\}[]| and the state of 
    Oueries value:
                                                        HKCR\clsid\{c1243ca0-bf96-11cd-b579-08002b30bfeb}\inprocserver32[]
                                                        HKCR\clsid\{c1243ca0-bf96-11cd-b579-
    Queries value:
08002b30bfeb}\inprocserver32[threadingmodel]
                                                        HKCR\clsid\{c1243ca0-bf96-11cd-b579-
    Queries value:
08002b30bfeb}\inprocserver32[inprocserver32]
    Queries value:
                                                        HKCR\clsid\{c1243ca0-bf96-11cd-b579-08002b30bfeb}[appid]
                                                        HKLM\system\currentcontrolset\control\contentindex[maxtextfilterbytes]
    Queries value:
    Queries value:
HKU \verb|\|.default\| software \verb|\| microsoft\| windows \verb|\| current version \verb|\| policies \verb|\| explorer [nonethood]| |
   Oueries value:
HKU\.default\software\microsoft\windows\currentversion\policies\explorer[nopropertiesmycomputer]
    Queries value:
HKU\.default\software\microsoft\windows\currentversion\policies\explorer[nointerneticon]
   Queries value:
HKU\.default\software\microsoft\windows\currentversion\policies\explorer[nocommongroups]
HKU\. default\software\mbox{\mbox{$\mathbb{N}$} icrosoft\windows\currentversion\policies\explorer[nocontrolpanel]}
```

```
Queries value:
HKU\.default\software\microsoft\windows\currentversion\policies\explorer[nosetfolders]
                                                            HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\inprocserver32[]
    Queries value:
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   Oueries value:
HKU\.default\software\microsoft\windows\currentversion\explorer[shellstate]
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HKLM \label{lem:hklm} In the latest and the latest artificial constant the latest artificia
   Oueries value:
HKU\. default\software\mbox{\sc urrentversion} policies\explorer[forceactive desktop on]
    Queries value:
HKU\.default\software\mbox{$\mathbb{N}$ irrentversion\policies} explorer[noactivedesktop] and the property of the 
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    Queries value:
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HKCR\systemfileassociations\.xls[docobject]

Queries value:

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                                     HKLM\software\microsoft\windows\currentversion\explorer\user shell
folders[common documents]
  Queries value:
                                     \label{lem:hkuldefault} \begin{tabular}{ll} HKU\label{lem:hkuldefault} HKU\label{lem:hkuldefault} \end{tabular} is a simple of the second constant of the seco
shell folders[desktop]
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folders[common desktop]
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0x401]
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0x4011
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  Queries value:
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extensions\cached[{eb9b1153-3b57-4e68-959a-a3266bc3d7fe} {0000010b-0000-0000-c000-000000000046}
0x4011
  Queries value:
                          HKCR\clsid\{eb9b1153-3b57-4e68-959a-
a3266bc3d7fe}\inprocserver32[inprocserver32]
                          HKCR\clsid\{eb9b1153-3b57-4e68-959a-a3266bc3d7fe}[appid]
  Queries value:
                          HKCR\clsid\{eb9b1153-3b57-4e68-959a-
  Queries value:
a3266bc3d7fe}\inprocserver32[threadingmodel]
                          HKLM\hardware\devicemap\video[maxobjectnumber]
  Queries value:
                          HKLM\hardware\devicemap\video[\device\video0]
  Oueries value:
                          HKU\.default\software\microsoft\ctf[disable thread input manager]
  Queries value:
                          HKCR\interface\{0000013a-0000-0000-c000-00000000046}\proxystubclsid32[]
  Oueries value:
                          HKCR\interface\{0000013b-0000-0000-c000-00000000046}\proxystubclsid32[]
  Oueries value:
  Oueries value:
                          HKCR\interface\{00000138-0000-0000-c000-00000000046}\proxystubclsid32[]
  Oueries value:
                          HKCR\interface\{00000139-0000-0000-c000-00000000046}\proxystubclsid32[]
  Queries value:
                          HKCR\.wpl[]
  Queries value:
                          HKCR\.wpl[perceivedtype]
                          HKCR\wplfile[docobject]
  Queries value:
  Oueries value:
                          HKCR\systemfileassociations\.wpl[docobject]
  Queries value:
                          HKCR\wplfile[browseinplace]
                          HKCR\systemfileassociations\.wpl[browseinplace]
  Queries value:
  Queries value:
                          HKCR\wplfile[isshortcut]
                          HKCR\systemfileassociations\.wpl[isshortcut]
  Oueries value:
  Oueries value:
                          HKCR\wplfile[alwaysshowext]
                          HKCR\systemfileassociations\.wpl[alwaysshowext]
  Oueries value:
  Oueries value:
                          HKCR\wplfile[nevershowext]
  Oueries value:
                          HKCR\systemfileassociations\.wpl[nevershowext]
  Queries value:
                          HKCR\.wma\persistenthandler[]
  Oueries value:
                          HKCR\wmafile[docobject]
  Queries value:
                          HKCR\systemfileassociations\.wma[docobject]
  Queries value:
                          HKCR\wmafile[browseinplace]
```

```
Oueries value:
                          HKCR\systemfileassociations\.wma[browseinplace]
                          HKCR\wmafile[isshortcut]
  Queries value:
                          HKCR\systemfileassociations\.wma[isshortcut]
  Queries value:
  Queries value:
                          HKCR\wmafile[alwaysshowext]
 Queries value:
                          HKCR\systemfileassociations\.wma[alwaysshowext]
 Oueries value:
                          HKCR\wmafile[nevershowext]
 Oueries value:
                          HKCR\systemfileassociations\.wma[nevershowext]
 Oueries value:
                          HKCR\systemfileassociations\.wma\shellex\propertyhandler[]
                          HKCR\clsid\{875cb1a1-0f29-45de-a1ae-cfb4950d0b78}\nprocserver32[]
 Oueries value:
                          HKCR\clsid\{875cb1a1-0f29-45de-a1ae-
 Oueries value:
cfb4950d0b78}\inprocserver32[loadwithoutcom]
 Queries value:
                          HKLM\software\microsoft\windows\currentversion\shell
extensions\blocked[{875cb1a1-0f29-45de-a1ae-cfb4950d0b78}]
 Queries value:
                          HKU\.default\software\microsoft\windows\currentversion\shell
extensions\blocked[{875cb1a1-0f29-45de-a1ae-cfb4950d0b78}]
                          HKLM\software\microsoft\windows\currentversion\shell
extensions\cached[{875cb1a1-0f29-45de-a1ae-cfb4950d0b78} {0000010b-0000-0000-c000-000000000046}
0x4011
                          HKU\.default\software\microsoft\windows\currentversion\shell
 Queries value:
extensions\cached[{875cb1a1-0f29-45de-a1ae-cfb4950d0b78} {0000010b-0000-0000-c000-0000000000046}}
0x4011
 Oueries value:
                          HKCR\clsid\{875cb1a1-0f29-45de-a1ae-
cfb4950d0b78}\inprocserver32[inprocserver32]
  Queries value:
                          HKCR \clsid \end{argument} A S75cb1a1-0f29-45de-a1ae-cfb4950d0b78 \end{argument} [appid]
 Oueries value:
                          HKCR\clsid\{875cb1a1-0f29-45de-a1ae-
cfb4950d0b78}\inprocserver32[threadingmodel]
                          HKLM\software\microsoft\drm[enablelogging]
  Queries value:
                          HKLM\software\microsoft\windows\currentversion\internet
settings[disableimprovedzonecheck]
 Queries value:
                          HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_protocol_lockdown[cidaemon.exe]
                          HKLM\software\microsoft\internet
 Queries value:
explorer\main\featurecontrol\feature protocol lockdown[*]
 Oueries value:
                          HKCR\.desklink\persistenthandler[]
                          HKCR\.desklink[perceivedtype]
 Oueries value:
                          HKCR\clsid\{9e56be61-c50f-11cf-9a2c-00a0c90a90ce}[docobject]
 Queries value:
 Oueries value:
                          HKCR \verb|\clsid| \{9e56be61-c50f-11cf-9a2c-00a0c90a90ce\} [browseinplace]
 Queries value:
                          \label{local-cond} $HKCR\clsid{9e56be61-c50f-11cf-9a2c-00a0c90a90ce}[is shortcut]$
                          \label{locality} HKCR\clsid\{9e56be61-c50f-11cf-9a2c-00a0c90a90ce} [always show ext]
  Queries value:
  Oueries value:
                          HKCR\clsid\{9e56be61-c50f-11cf-9a2c-00a0c90a90ce}[nevershowext]
 Queries value:
                          HKCR\.mapimail\persistenthandler[]
 Queries value:
                          HKCR\.mapimail[perceivedtype]
 Queries value:
                          HKCR\clsid\{9e56be60-c50f-11cf-9a2c-00a0c90a90ce}[docobject]
                          HKCR\clsid\{9e56be60-c50f-11cf-9a2c-00a0c90a90ce}[browseinplace]
 Oueries value:
                          HKCR\clsid\{9e56be60-c50f-11cf-9a2c-00a0c90a90ce}[isshortcut]
 Oueries value:
                          HKCR\clsid\{9e56be60-c50f-11cf-9a2c-00a0c90a90ce}[alwaysshowext]
 Oueries value:
                          \label{localization} \mbox{HKCR\clsid} $$ \{9e56be60-c50f-11cf-9a2c-00a0c90a90ce\} [nevershowext] $$
 Oueries value:
 Oueries value:
                          HKCR\.dat[]
 Oueries value:
                          HKCR\.dat[perceivedtype]
 Oueries value:
                          HKCR\.dat[docobject]
 Queries value:
                          HKCR\.dat[browseinplace]
  Queries value:
                          HKCR\.dat[isshortcut]
 Queries value:
                          HKCR\.dat[alwaysshowext]
 Oueries value:
                          HKCR\.dat[nevershowext]
                          HKCR\.mydocs\persistenthandler[]
 Oueries value:
 Queries value:
                          HKCR\.mydocs[perceivedtype]
                          HKCR\clsid\{ecf03a32-103d-11d2-854d-006008059367}[docobject]
 Oueries value:
                          HKCR\clsid\{ecf03a32-103d-11d2-854d-006008059367}[browseinplace]
 Oueries value:
 Oueries value:
                          HKCR\clsid\{ecf03a32-103d-11d2-854d-006008059367}[isshortcut]
                          HKCR\clsid\{ecf03a32-103d-11d2-854d-006008059367}[alwaysshowext]
 Queries value:
 Oueries value:
                          HKCR\clsid\{ecf03a32-103d-11d2-854d-006008059367}[nevershowext]
 Queries value:
                          HKCR\compressedfolder[docobject]
  Oueries value:
                          HKCR\systemfileassociations\.zip[docobject]
 Queries value:
                          HKCR\compressedfolder[browseinplace]
                          HKCR\systemfileassociations\.zip[browseinplace]
  Queries value:
  Queries value:
                          HKCR\compressedfolder[isshortcut]
 Queries value:
                          HKCR\systemfileassociations\.zip[isshortcut]
 Queries value:
                          HKCR\compressedfolder[alwaysshowext]
 Queries value:
                          HKCR\systemfileassociations\.zip[alwaysshowext]
                          HKCR\compressedfolder[nevershowext]
 Queries value:
 Oueries value:
                          HKCR\systemfileassociations\.zip[nevershowext]
 Oueries value:
                          HKCR\clsid\{e88dcce0-b7b3-11d1-a9f0-
00aa0060fa31}\shellfolder[attributes]
 Oueries value:
                          HKCR\clsid\{e88dcce0-b7b3-11d1-a9f0-
00aa0060fa31}\shellfolder[callforattributes]
  Queries value:
00aa0060fa31}1
 Queries value:
                          HKLM\software\microsoft\windows\currentversion\explorer\user shell
folders[commonpictures]
 Queries value:
                          HKLM\software\microsoft\windows
nt\currentversion\profilelist[profilesdirectory]
                          HKLM\software\microsoft\windows
 Oueries value:
nt\currentversion\profilelist[allusersprofile]
                          HKCR\clsid\{59031a47-3f72-44a7-89c5-5595fe6b30ee}\inprocserver32[]
  Queries value:
 Oueries value:
HKU\ . default\ software\ microsoft\ windows\ current version\ policies\ explorer\ [no shared documents]
 Queries value:
                          HKLM\software\microsoft\windows\currentversion\explorer\user shell
folders[commonmusic]
  Queries value:
                          HKCR\.url\persistenthandler[]
```

```
Queries value:
                                                     HKCR\clsid\{8cd34779-9f10-4f9b-adfb-
b3faeabdab5a}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af}[]
                                                      HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}\inprocserver32[]
    Queries value:
                                                      HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-
   Queries value:
8e7c3d18aeaf}\inprocserver32[threadingmodel]
                                                     HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-
   Oueries value:
8e7c3d18aeaf}\inprocserver32[inprocserver32]
                                                     HKCR\clsid\{7ee0a24e-a8c6-46ae-a875-8e7c3d18aeaf}[appid]
   Oueries value:
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Oueries value:
1502b527b1f9}\inprocserver32[inprocserver32]
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}\inprocserver32[]
   Queries value:
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}[appid]
   Oueries value:
                                                      HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Queries value:
1502b527b1f9}\inprocserver32[threadingmodel]
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-1502b527b1f9}\nstance[clsid]
    Queries value:
                                                      HKCR\clsid\{06eee834-461c-42c2-8dcf-
    Oueries value:
1502b527b1f9}\instance[loadwithoutcom]
   Queries value:
                                                     HKCR\clsid\{942bc614-676c-464e-b384-
d3202aaa02da}\inprocserver32[inprocserver32]
                                                     HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}\inprocserver32[]
   Oueries value:
                                                     HKCR\clsid\{942bc614-676c-464e-b384-d3202aaa02da}[appid]
   Oueries value:
                                                     HKCR\clsid\{942bc614-676c-464e-b384-
   Queries value:
d3202aaa02da}\inprocserver32[threadingmodel]
    Queries value:
                                                     HKCR\clsid\{4516cee1-97da-4030-a444-
2d8e296b96b6}\inprocserver32[inprocserver32]
                                                      HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}\inprocserver32[]
    Queries value:
    Queries value:
                                                      HKCR\clsid\{4516cee1-97da-4030-a444-2d8e296b96b6}[appid]
                                                     HKCR\clsid\{4516cee1-97da-4030-a444-
   Queries value:
2d8e296b96b6}\inprocserver32[threadingmodel]
   Queries value:
                                                     HKCR\clsid\{6f237df9-9ddb-47ad-b218-
400d54c286ad}\inprocserver32[inprocserver32]
                                                     HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}\inprocserver32[]
   Queries value:
                                                      HKCR\clsid\{6f237df9-9ddb-47ad-b218-400d54c286ad}[appid]
   Oueries value:
                                                     HKCR\clsid\{6f237df9-9ddb-47ad-b218-
   Oueries value:
400d54c286ad}\inprocserver32[threadingmodel]
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Queries value:
Queries value:
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-
Oueries value:
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\2[key]
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Oueries value:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\2[vartype]
                                                     HKCR\internetshortcut\shellex\iconhandler[]
   Oueries value:
                                                      HKCR\internetshortcut[docobject]
   Oueries value:
   Oueries value:
                                                      HKCR\.url[perceivedtype]
                                                      HKCR\internetshortcut[browseinplace]
   Queries value:
   Oueries value:
                                                      HKCR\internetshortcut[isshortcut]
   Queries value:
                                                      HKCR\internetshortcut[alwaysshowext]
   Oueries value:
                                                      HKCR\internetshortcut[nevershowext]
   Queries value:
                                                      Queries value:
                                                      HKCR\clsid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}\inprocserver32[]
   Queries value:
                                                      HKCR\clsid\{fbf23b40-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-101b-8488-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f0-8688-e3f
00aa003e56f8}\inprocserver32[loadwithoutcom]
                                                     HKLM\software\microsoft\windows\currentversion\shell
   Oueries value:
extensions\blocked[{fbf23b40-e3f0-101b-8488-00aa003e56f8}]
   Oueries value:
                                                     HKU\.default\software\microsoft\windows\currentversion\shell
extensions\blocked[{fbf23b40-e3f0-101b-8488-00aa003e56f8}]
   Oueries value:
                                                     HKLM\software\microsoft\windows\currentversion\shell
extensions\cached[{fbf23b40-e3f0-101b-8488-00aa003e56f8} {0000010b-0000-0000-c000-000000000046}}
0x4011
   Queries value:
                                                     HKU\.default\software\microsoft\windows\currentversion\shell
extensions\cached[{fbf23b40-e3f0-101b-8488-00aa003e56f8} {0000010b-0000-0000-c000-000000000046}}
0x4011
                                                     HKCR\clsid\{fbf23b40-e3f0-101b-8488-
    Queries value:
00aa003e56f8}\inprocserver32[inprocserver32]
                                                     HKCR\clsid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}[appid]
   Queries value:
   Queries value:
                                                      HKCR\appid\{fbf23b40-e3f0-101b-8488-00aa003e56f8}[dllsurrogate]
                                                     HKCR\clsid\{fbf23b40-e3f0-101b-8488-
   Oueries value:
00aa003e56f8}\inprocserver32[threadingmodel]
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-
   Oueries value:
1502b527b1f9}\instance\propertysetstorage\{5cbf2787-48cf-4208-b90e-ee5e5d420294}\2[section]
   Queries value:
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1502b527b1f9}\instance\propertysetstorage\{5cbf2787-48cf-4208-b90e-ee5e5d420294}[section]
   Queries value:
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage\{5cbf2787-48cf-4208-b90e-ee5e5d420294}\2[key]
                                                     HKCR\clsid\{06eee834-461c-42c2-8dcf-
    Queries value:
1502b527b1f9\\ instance \\ property sets to rage \\ \{5cbf2787-48cf-4208-b90e-ee5e5d420294\\ \\ \{2[vartype], vartype]\}\\ (2[vartype], vartype]\\ (3[vartype], vartype]
   Queries value:
                                                     HKLM\software\microsoft\windows\currentversion\internet settings\url
history[daystokeep]
   Queries value:
                                                      HKU\.default\software\microsoft\windows\currentversion\internet
settings[svncmode5]
                                                      HKLM\software\microsoft\windows\currentversion\internet
   Oueries value:
settings\5.0\cache[sessionstarttimedefaultdeltasecs]
                                                      \label{thm:hkul.default} \begin{tabular}{ll} HKU\label{thm:hkul.default} Aktion \label{thm:hkul.default} Aktion \label{thm:h
   Queries value:
settings\5.0\cache[signature]
   Queries value:
                                                      HKU \verb|\|.default\| software \verb|\| microsoft\| windows \verb|\| current version \verb|\| internet|
settings\5.0\cache\content[peruseritem]
   Queries value:
                                                      HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\content[cacheprefix]
```

```
Oueries value:
                                           HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\content[cachelimit]
   Queries value:
                                           HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\cookies[peruseritem]
  Queries value:
                                           HKU\.default\software\microsoft\windows\currentversion\explorer\user
shell folders[cookies]
                                           HKU\.default\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\cookies[cacheprefix]
  Queries value:
                                           HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\cookies[cachelimit]
   Queries value:
                                           HKU \verb|\|.default\| software \verb|\| microsoft\| windows \verb|\| current version \verb|\| internet|
settings\5.0\cache\history[peruseritem]
                                           HKU\.default\software\microsoft\windows\currentversion\explorer\user
   Queries value:
shell folders[history]
   Queries value:
                                           HKU \verb|\|.default\| software \verb|\| microsoft\| windows \verb|\| current version \verb|\| internet| in the constant of 
settings\5.0\cache\history[cacheprefix]
  Queries value:
                                           HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\history[cachelimit]
                                           HKU\.default\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\ietld[cacherepair]
                                          HKU\.default\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\ietld[cachepath]
   Queries value:
                                           HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\ietld[cacheprefix]
                                           HKU\.default\software\microsoft\windows\currentversion\internet
   Queries value:
settings\5.0\cache\extensible cache\ietld[cachelimit]
   Queries value:
                                           HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\ietld[cacheoptions]
   Queries value:
                                           HKU \verb|\|.default\| software \verb|\| microsoft\| windows \verb|\| current version \verb|\| internet|
settings\5.0\cache\extensible cache\mshist012013122320131224[cacherepair]
                                           HKU\.default\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\mshist012013122320131224[cachepath]
  Oueries value:
                                           HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012013122320131224[cacheprefix]
  Oueries value:
                                           HKU\.default\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012013122320131224[cachelimit]
   Queries value:
                                           \label{lem:hkuldefault} HKU\. default\software\microsoft\windows\current\version\label{lem:hkuldefault} internet
settings\5.0\cache\extensible cache\mshist012013122320131224[cacheoptions]
                                           HKU \verb|\|.default\| software \verb|\| microsoft\| windows \verb|\| current version \verb|\| internet | interne
   Queries value:
settings[createuricachesize]
                                           HKLM\software\microsoft\windows\currentversion\internet
  Queries value:
settings[createuricachesize]
                                           HKU\.default\software\microsoft\windows\currentversion\internet
  Queries value:
settings[enablepunycode]
                                           HKLM\software\microsoft\windows\currentversion\internet
  Oueries value:
settings[enablepunycode]
                                          \label{local-observation} \mbox{HKU} \mbox{.} \mbox{default\software\mbox{\sc microsoft\sc internet}} \\
  Queries value:
explorer\ietld[ietlddllversionlow]
   Queries value:
                                           HKU\.default\software\microsoft\internet
explorer\ietld[ietlddllversionhigh]
   Queries value:
                                           HKCR\clsid\{06eee834-461c-42c2-8dcf-
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}\5[section]
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   Oueries value:
HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Oueries value:
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   Oueries value:
Queries value:
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   Queries value:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\7[key]
   Queries value:
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  Oueries value:
1502b527b1f9\\ instance \\ property sets to rage \\ \{000214a0-0000-0000-c000-00000000046\}\\ \\ \{section]
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   Queries value:
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   Queries value:
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   Queries value:
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1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}\9[vartype]
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   Queries value:
HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Oueries value:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\10[key]
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   Queries value:
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   Queries value:
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1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}\11[key]
```

```
Queries value:
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  Queries value:
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                                  HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Queries value:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\12[key]
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  Oueries value:
HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Queries value:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}\13[section]
  Queries value:
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1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\13[key]
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1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\13[vartype]
                                  HKCR\clsid\{06eee834-461c-42c2-8dcf-
  Queries value:
Queries value:
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  Queries value:
1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-00000000046}\14[vartype]
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  Oueries value:
Queries value:
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1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-0000000000046}\15[key]
  Queries value:
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1502b527b1f9}\instance\propertysetstorage\{000214a0-0000-0000-c000-000000000046}\15[vartype]
  Sets/Creates value:
                                  HKCR\msidxs[]
  Sets/Creates value:
                                  HKCR\msidxs\clsid[]
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  Sets/Creates value:
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  Sets/Creates value:
                                  HKCR\clsid\{f9ae8980-7e52-11d0-8964-
  Sets/Creates value:
00c04fd611d7}\versionindependentprogid[]
                                  HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7}\inprocserver32[]
  Sets/Creates value:
                                  HKCR\clsid\{f9ae8980-7e52-11d0-8964-
  Sets/Creates value:
00c04fd611d7}\inprocserver32[threadingmodel]
                                  HKCR\clsid\{f9ae8980-7e52-11d0-8964-00c04fd611d7}\ole db provider[]
  Sets/Creates value:
  Sets/Creates value:
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  Sets/Creates value:
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  Sets/Creates value:
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  Sets/Creates value:
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  Sets/Creates value:
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  Sets/Creates value:
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00c04fc2f410}\versionindependentprogid[]
  Sets/Creates value:
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                                  HKCR\clsid\{c7b6c04a-cbb5-11d0-bb4c-
  Sets/Creates value:
00c04fc2f410}\inprocserver32[threadingmodel]
                                  HKCR\clsid\{0cd7a5c0-9f37-11ce-ae65-08002b2e1262}\persistenthandler[]
  Sets/Creates value:
                                  \label{local-equation-of-state-energy} HKCR\clsid\{25336920-03f9-11cf-8fd0-00aa00686f13}\persistenthandler[]
  Sets/Creates value:
                                  HKCR\.xbm\persistenthandler[]
  Sets/Creates value:
                                  \label{local-basis} \begin{tabular}{ll} HKCR\clsid\{e88dcce0-b7b3-11d1-a9f0-00aa0060fa31}\persistenthandler[] \end{tabular}
  Sets/Creates value:
                                  HKCR \ clsid \ \{48123bc4-99d9-11d1-a6b3-00c04fd91555\} \ \ persistent handler []
  Sets/Creates value:
  Sets/Creates value:
                                  HKCR \verb|\clsid|{fbf23b40-e3f0-101b-8488-00aa003e56f8} \verb|\persistenthandler[]|
  Sets/Creates value:
                                  HKCR\.xml\persistenthandler[]
  Sets/Creates value:
                                  HKCR\.xsl\persistenthandler[]
  Sets/Creates value:
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                                  HKCR\.hta\persistenthandler[]
  Sets/Creates value:
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  Sets/Creates value:
                                  HKCR\clsid\{3bc4f3a1-652a-11d1-b4d4-00c04fc2db8d}\progid[]
  Sets/Creates value:
  Sets/Creates value:
                                  HKCR\clsid\{3bc4f3a1-652a-11d1-b4d4-
00c04fc2db8d}\versionindependentprogid[]
                                  HKCR\clsid\{3bc4f3a1-652a-11d1-b4d4-00c04fc2db8d}\inprocserver32[]
  Sets/Creates value:
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  Sets/Creates value:
00c04fc2db8d}\inprocserver32[threadingmodel]
  Sets/Creates value:
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  Sets/Creates value:
                                  HKCR \clsid \align{transformation} HKCR \clsid \a
                                  HKCR\clsid\{3bc4f3a3-652a-11d1-b4d4-
  Sets/Creates value:
00c04fc2db8d}\versionindependentprogid[]
                                  HKCR\clsid\{3bc4f3a3-652a-11d1-b4d4-00c04fc2db8d}\inprocserver32[]
  Sets/Creates value:
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  Sets/Creates value:
00c04fc2db8d}\inprocserver32[threadingmodel]
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  Sets/Creates value:
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  Sets/Creates value:
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  Sets/Creates value:
00c04fc2db8d}\versionindependentprogid[]
                                  HKCR\clsid\{3bc4f3a7-652a-11d1-b4d4-00c04fc2db8d}\inprocserver32[]
  Sets/Creates value:
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  Sets/Creates value:
00c04fc2db8d}\inprocserver32[threadingmodel]
  Sets/Creates value:
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  Sets/Creates value:
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  Sets/Creates value:
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0090272fa362}\versionindependentprogid[]
```

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Sets/Creates value:
                                           HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-0090272fa362}\inprocserver32[]
   Sets/Creates value:
                                           HKCR\clsid\{80a3e9b0-a246-11d3-bb8c-
0090272fa362}\inprocserver32[threadingmodel]
                                           HKCR\clsid\{363f1015-fd5f-4ba8-ac58-29634f378a42}[]
   Sets/Creates value:
                                           HKCR\clsid\{363f1015-fd5f-4ba8-ac58-29634f378a42}\progid[]
   Sets/Creates value:
                                          HKCR\clsid\{363f1015-fd5f-4ba8-ac58-
   Sets/Creates value:
29634f378a42}\versionindependentprogid[]
   Sets/Creates value:
                                          HKCR\clsid\{363f1015-fd5f-4ba8-ac58-29634f378a42}\inprocserver32[]
                                          HKCR\clsid\{363f1015-fd5f-4ba8-ac58-
   Sets/Creates value:
29634f378a42}\inprocserver32[threadingmodel]
                                           HKCR \c1sid \f14e6b48-fbca-4d32-bd79-7829d4f7e43b \c1b{f} \c
   Sets/Creates value:
   Sets/Creates value:
                                           HKCR \clsid \{f14e6b48-fbca-4d32-bd79-7829d4f7e43b\} \progid[]
   Sets/Creates value:
                                           HKCR\clsid\{f14e6b48-fbca-4d32-bd79-
7829d4f7e43b}\versionindependentprogid[]
   Sets/Creates value:
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7829d4f7e43b}\inprocserver32[threadingmodel]
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   Sets/Creates value:
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   Sets/Creates value:
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a387415bb4f5}\versionindependentprogid[]
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   Sets/Creates value:
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   Sets/Creates value:
a387415bb4f5}\inprocserver32[threadingmodel]
   Sets/Creates value:
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   Sets/Creates value:
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   Sets/Creates value:
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c4825abbe5cf}\versionindependentprogid[]
                                          HKCR\clsid\{1f7e6c6d-c3f8-4c80-8d77-c4825abbe5cf}\inprocserver32[]
   Sets/Creates value:
   Sets/Creates value:
                                          HKCR\clsid\{1f7e6c6d-c3f8-4c80-8d77-
c4825abbe5cf}\inprocserver32[threadingmodel]
                                          HKU\.default\software\microsoft\windows\currentversion\shell
  Sets/Creates value:
0x4011
                                          HKU\.default\software\microsoft\windows\currentversion\shell
   Sets/Creates value:
extensions\cached[{eb9b1153-3b57-4e68-959a-a3266bc3d7fe} {0000010b-0000-0000-c000-000000000046}}
0x401]
   Sets/Creates value:
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extensions\cached[{875cb1a1-0f29-45de-a1ae-cfb4950d0b78} {0000010b-0000-0000-c000-0000000000046}
   Sets/Creates value:
                                          HKU\.default\software\microsoft\windows\currentversion\shell
0x401]
                                           HKLM\software\microsoft\cryptography\rng[seed]
   Value changes:
                                           HKCU\control panel\accessibility\blind access[on]
   Value changes:
   Value changes:
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   Value changes:
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   Value changes:
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   Value changes:
08002b36fca4}\inprocserver32[threadingmodel]
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   Value changes:
   Value changes:
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00a0c906241a}\inprocserver32[threadingmodel]
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   Value changes:
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   Value changes:
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   Value changes:
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   Value changes:
08002b30bfeb}\inprocserver32[threadingmodel]
                                          \label{local-bound} $$ HKCR\clsid_{00022602-0000-0000-c000-00000000046}\persistenthandler[] $$
   Value changes:
   Value changes:
                                           HKCR\clsid\d3e34b21-9d75-101a-8c3d-00aa001a1652\\\persistenthandler[]
   Value changes:
                                          HKCR\clsid\{25336920-03f9-11cf-8fd0-00aa00686f13}\persistenthandler[]
   Value changes:
                                           HKCR\clsid\{00020c01-0000-0000-c000-00000000046}\persistenthandler[]
   Value changes:
                                          HKCR\clsid\{5e941d80-bf96-11cd-b579-08002b30bfeb}[]
   Value changes:
   Value changes:
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08002b30bfeb}\persistentaddinsregistered\{89bcb740-6119-101a-bcb7-00dd010655af}[]
   Value changes:
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                                          HKCR\clsid\{c1243ca0-bf96-11cd-b579-08002b30bfeb}\inprocserver32[]
   Value changes:
   Value changes:
                                          HKCR\clsid\{c1243ca0-bf96-11cd-b579-
08002b30bfeb}\inprocserver32[threadingmodel]
   Value changes:
                                          HKCR \c1sid \c3fddc80-aea9-101a-98a7-00aa00374959 \persistenthandler[]
   Value changes:
                                          HKCR\clsid \ \{48123bc4-99d9-11d1-a6b3-00c04fd91555\} \ \ persistent handler \ []
   Value changes:
HKLM\system\currentcontrolset\control\contentindex\language\neutral[locale]
                                          HKCR\clsid\{369647e0-17b0-11ce-9950-00aa004bbb1f}[]
   Value changes:
                                           HKCR\clsid\{369647e0-17b0-11ce-9950-00aa004bbb1f}\inprocserver32[]
   Value changes:
   Value changes:
                                          HKCR\clsid\{369647e0-17b0-11ce-9950-
00aa004bbb1f}\inprocserver32[threadingmodel]
   Value changes:
HKLM\system\currentcontrolset\control\contentindex\language\neutral[wbreakerclass]
                                          HKCR\clsid\{78fe669a-186e-4108-96e9-77b586c1332f}[]
   Value changes:
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   Value changes:
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   Value changes:
77b586c1332f}\inprocserver32[threadingmodel]
   Value changes:
                                          HKCR\clsid\{1e9685e6-db6d-11d0-bb63-00c04fc2f410}[]
   Value changes:
                                           \label{lem:hkcr} $$ HKCR\clsid_{1e9685e6-db6d-11d0-bb63-00c04fc2f410} \in \clsid_{1e9685e6-db6d-11d0-bb63-00c04fc2f410} $$ in processing the second of the s
                                           HKCR\clsid\{1e9685e6-db6d-11d0-bb63-
   Value changes:
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00c04fc2f410}\inprocserver32[threadingmodel]
   Value changes:
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  Value changes:
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  Value changes:
  Value changes:
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 Value changes:
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 Value changes:
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 Value changes:
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 Value changes:
 Value changes:
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 Value changes:
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 Value changes:
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 Value changes:
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 Value changes:
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 Value changes:
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 Value changes:
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HKLM\system\currentcontrolset\control\contentindex\language\english_uk[locale]
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Value changes:
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Value changes:
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 Value changes:
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00aa0051fe20}\inprocserver32[threadingmodel]
  Value changes:
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HKLM\system\currentcontrolset\control\contentindex\language\dutch_dutch[locale]
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  Value changes:
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  Value changes:
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  Value changes:
  Value changes:
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  Value changes:
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                                    HKCR\itlitlwrdbrk.itlitlwrdbrk[]
  Value changes:
                                    HKCR\itlitlwrdbrk.itlitlwrdbrk\curver[]
  Value changes:
                                    HKCR\spnmdrwrdbrk.spnmdrwrdbrk.1[]
  Value changes:
                                    HKCR\spnmdrwrdbrk.spnmdrwrdbrk.1\clsid[]
  Value changes:
                                    HKCR\spnmdrwrdbrk.spnmdrwrdbrk[]
  Value changes:
                                    HKCR\spnmdrwrdbrk.spnmdrwrdbrk\curver[]
  Value changes:
HKLM \ software \ microsoft \ .net framework \ \ v2.0.50727 \ ngenser vice \ state [accumulated waitid letime]
  Value changes:
                                    HKU\.default\software\microsoft\windows\currentversion\explorer\shell
folders[appdata]
                                    HKU\.default\software\microsoft\windows\currentversion\explorer\shell
  Value changes:
folders[cache]
  Value changes:
HKU \label{lem:hkul.default} It is a few and the sum of the properties of the sum of the properties 
  Value changes:
                                    HKU\.default\software\microsoft\windows\currentversion\explorer\shell
folders[personal]
  Value changes:
                                    \label{lem:hklm} \verb+Kklm\+ software\+ icrosoft\+ windows\+ current version\+ explorer\+ shell
```

Value changes: HKLM\software\microsoft\windows\currentversion\explorer\shell Value changes: HKU\.default\software\microsoft\windows\currentversion\explorer\shell

 $\begin{tabular}{ll} folders [cookies] & & & & \\ Value changes: & & & & \\ HKU \. default \software \microsoft \windows \current version \explorer \shell \\ folders [history] & & & \\ \end{tabular}$