# Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details Host: mag2, Sample ID: 4, Task ID: 13

Task ID: 13 Risk Level:

Date Processed: 2016-03-29 03:27:45 (UTC)

61.32 seconds Processing Time: Virtual Environment: IntelliVM

"c:\windows\temp\test12.jar.exe" **Execution Arguments:** 

Sample ID: Type: basic Owner: admin Label: test12.jar

Date Added 2016-03-29 03:27:44 (UTC)

File Type: archive:jar:applet File Size: 6213 bytes

0fa3c06281d3b260bfccbb5a22dd74c5

SHA256: 1b7e0322a81be961ebce33aaeb395124544cfb01a3ab54f23cf64400fb2b04c7

Description:

#### Pattern Matching Results

1 YARA score 1

2 ZIP archive format

4 Reads process memory

#### Static Events

YARA rule hit: OI F2 YARA rule hit: Nonexecutable

#### Process/Thread Events

C:\Program Files (x86)\Internet Explorer\iexplore.exe ["C:\Program Files Creates process:

(x86)\Internet Explorer\iexplore.exe" c:\windows\temp\test12.jar.html]

Creates process: C:\Program Files\Internet Explorer\IEXPLORE.EXE ["C:\Program Files\Internet Explorer\IEXPLORE.EXE" c:\windows\temp\test12.jar.html]

Creates process: C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE ["C:\Program Files

(x86)\Internet Explorer\IEXPLORE.EXE" SCODEF:1740 CREDAT:209921 /prefetch:2]

C:\Program Files (x86)\Java\jre7\bin\jp2launcher.exe ["C:\Program Files

 $\label{lem:condition} $$(x86)\Java\jre7\bin\jp2\launcher.exe" "C:\Program Files (x86)\Java\jre7" -$ 

D\_\_jvm\_launched=10945206438 -D\_\_applet\_launched=10945141997

Xbootclasspath/a:C:\PROGRA~2\Java\jre7\lib\deploy.jar;C:\PROGRA~2\Java\jre7\lib\javaws.jar;C:\PROGRA~2\Java\jre7\lib\plugin.jar

-Djava.class.path=C:\PROGRA~2\Java\jre7\classes -Dsun.awt.warmup=true --- -

sun.plugin2.main.client.PluginMain

write\_pipe\_name=jpi2\_pid1744\_pipe3,read\_pipe\_name=jpi2\_pid1744\_pipe2]

C:\Program Files (x86)\Java\jre7\bin\java.exe ["C:\Program Files Creates process: (x86)\Java\jre7\bin\java.exe" -D\_\_jvm\_launched=10945206438 -D\_\_applet\_launched=10945141997 "-

Xbootclasspath/a:C:\\PROGRA~2\\Java\\jre7\\lib\\deploy.jar;C:\\PROGRA~2\\Java\\jre7\\lib\\javaws.jar;C:\\PROGRA~2\\Java\\jre7\\lib\\plugin.jar"

-Djava.class.path=C:\\PROGRA~2\\Java\\jre7\\classes" -Dsun.awt.warmup=true"

sun.plugin2.main.client.PluginMain

write\_pipe\_name=jpi2\_pid1744\_pipe3,read\_pipe\_name=jpi2\_pid1744\_pipe2]

\SystemRoot\System32\Conhost.exe [\??\C:\Windows\system32\conhost.exe Creates process:

0xffffffff1

Reads from process: PID: 1740 C:\Program Files\Internet Explorer\iexplore.exe Writes to process: PID:1740 C:\Program Files\Internet Explorer\iexplore.exe C:\Program Files (x86)\Internet Explorer\iexplore.exe Terminates process:

### Named Object Events

\Sessions\1\BaseNamedObjects\DBWinMutex Creates mutex:

Creates mutex: \Sessions\1\BaseNamedObjects\!BrowserEmulation!SharedMemory!Mutex

Creates mutex: \Sessions\1\BaseNamedObjects\ZonesCacheCounterMutex \Sessions\1\BaseNamedObjects\ZonesLockedCacheCounterMutex Creates mutex:

\Sessions\1\BaseNamedObjects\IsoScope\_6cc\_IE\_EarlyTabStart\_0x650\_Mutex Creates mutex:

Creates mutex:

\Sessions\1\BaseNamedObjects\IsoScope\_6cc\_ConnHashTable<1740>\_HashTable\_Mutex

Creates mutex: \Sessions\1\BaseNamedObjects\!PrivacIE!SharedMem!Mutex \Sessions\1\BaseNamedObjects\IsoScope\_6cc\_IESQMMUTEX\_0\_303 Creates mutex: \Sessions\1\BaseNamedObjects\IsoScope\_6cc\_IESQMMUTEX\_0\_331 Creates mutex:

Creates mutex: \Sessions\1\BaseNamedObjects\!IECompat!Mutex

Creates mutex: \Sessions\1\BaseNamedObjects\IsoScope\_6cc\_IESQMMUTEX\_0\_274

Creates mutex: \Sessions\1\BaseNamedObjects\\_!SHMSFTHISTORY!\_ Creates mutex: \Sessions\1\BaseNamedObjects\\_\_DDrawExclMode\_ Creates mutex: \Sessions\1\BaseNamedObjects\\_\_DDrawCheckExclMode\_

Creates event: \Sessions\1\BaseNamedObjects\IsoScope\_6cc\_iso\_sm\_e\_6cc\_1401\_7d Creates event: \Sessions\1\BaseNamedObjects\IsoScope\_6cc\_IE\_EarlyTabStart\_0x650

\Sessions\1\BaseNamedObjects\0leDfRoot1AD15B0E8E6AC65 Creates event: \Sessions\1\BaseNamedObjects\0leDfRootFDFC26A2CE701147 Creates event: Creates event: \Sessions\1\BaseNamedObjects\OleDfRootC5E47F2E00B50F60 \Sessions\1\BaseNamedObjects\IsoScope\_6cc\_iso\_sm\_e\_6cc\_11401\_7d Creates event:

\Sessions\1\BaseNamedObjects\IEFrame.EventCheckDefaultBrowser Creates event: Creates event: \Sessions\1\BaseNamedObjects\jpi2\_pid1744\_evt1

Creates semaphore: \Sessions\1\BaseNamedObjects\IsoScope\_6cc\_IEFrame!GetAsyncKeyStateQuery Creates semaphore: \Sessions\1\BaseNamedObjects\IsoScope\_6cc\_IEFrame!GetAsyncKeyStateReply

## File System Events

Creates C:\Users\Admin

```
Creates:
                        C:\Users\Admin\Favorites
                        C:\Users\Admin\AppData\Local
 Creates:
 Creates:
                        C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files
                        C:\Users\Admin\AppData\Roaming
 Creates:
                        C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies
 Creates:
                        C:\Users\Admin\AppData\Local\Microsoft\Windows\History
 Creates:
                        C:\Users\Admin\AppData\Roaming\Microsoft\Windows\PrivacIE
 Creates:
                        C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatCache
 Creates:
                        C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatUACache
 Creates:
                        C:\Users\Admin\AppData\Local\Microsoft\Internet
 Creates:
Explorer\Recovery\High\Active
 Creates:
                        C:\Users\Admin\AppData\Local\Microsoft\Internet
Explorer\Recovery\High\Active\RecoveryStore.{3A6B4AD6-F55E-11E5-BE82-080027FAC36D}.dat
                        C:\Users\Admin\AppData\Local\Temp\~DF4F3B8B06DE69A3C7.TMP
 Creates:
                        C:\Users\Admin\AppData\Local\Temp\~DFC49DAE6B11C5A7A6.TMP
 Creates:
 Creates:
                        C:\Users\Admin\AppData\Local\Microsoft\Internet
Explorer\Recovery\High\Active\{3A6B4AD7-F55E-11E5-BE82-080027FAC36D}.dat
 Creates:
                        C:\Users\Admin\AppData\Local\Temp\hsperfdata_Admin
 Creates:
 Creates:
                        C:\Users\Admin\AppData\Local\Temp\hsperfdata_Admin\1744
 Creates:
                        C:\Users\Admin\AppData\Local\Temp\hsperfdata_Admin\1976
```

Creates:  $\label{locallow} C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\0$ Creates: Creates:  $C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\2$ Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\3 Creates:  $\label{locallow} C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\4$ Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\6 Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\8  $\label{locallow} C: \label{locallow} C: \label{locallow} Our \label{locallow}$ Creates: Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\11 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\12 Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\14 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\15 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\16 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\17 C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\18 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\19 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\20 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\21 Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\22 Creates:  $C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\24 \\$ Creates:  $\label{locallow} C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\25$ Creates: Creates:  $C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\26$ Creates:  $\label{locallow} C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\27$ Creates:  $\label{locallow} C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\28$ Creates:  $C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache \6.0\29$ Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\30 Creates:  $\label{localLowSunJava} C: \Users \land Admin \land PpData \land LocalLow \land Sun \land Java \land Deployment \land Cache \land G. 0 \land 31 \land G. 1 \land G. 2 \land G. 2 \land G. 2 \land G. 2 \land G. 3 \land G.$ Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\33  $C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\34$ Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\35 C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\36 Creates: Creates:  $C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\37$ Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\38 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\39 Creates:  $C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\40$ Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\41 C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\42 Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\43 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\44 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\45 C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\46 Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\47 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\48 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\49  $\label{locallowSunJavaDeployment} C: \Users \land Admin \land App Data \land Local Low \land Sun \land Java \land Deployment \land Cache \land G. 1. \\$ Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\52 Creates: Creates:  $C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache \6.0\53$ Creates:  $\label{locallow} C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\54$ Creates:  $\label{locallow} C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\55$ Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\57 Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\58 Creates:  $C: \Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache \6.0\59$ Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\60 Creates: Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\62

Creates: C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache\6.0\63
Opens: C:\Windows\Prefetch\IEXPLORE.EXE-4B6C9213.pf

Opens: C:\Windows

Opens: C:\Windows\System32\wow64.dll
Opens: C:\Windows\SysWOW64

Opens: C:\Windows\SysWOW64
Opens: C:\Windows\SysWOW64\apphelp.dll

Opens: C:\Program Files (x86)\Internet Explorer\iexplore.exe

Opens: C:\Windows\SysWOW64\ntdll.dll

```
Opens:
                         C:\Windows\SysWOW64\kernel32.dll
 Opens:
                         C:\Windows\SysWOW64\KernelBase.dll
 Opens:
                         C:\Windows\apppatch\sysmain.sdb
 Opens:
                         C:\Windows\SysWOW64\msvcrt.dll
 Opens:
                         C:\Windows\SysWOW64\iertutil.dll
                         C:\Windows\Globalization\Sorting\SortDefault.nls
 Opens:
 Opens:
                         C:\Windows\SysWOW64\imm32.dll
                         C:\Program Files (x86)\Internet Explorer\en-US\iexplore.exe.mui
 Opens:
                         C:\Windows\SysWOW64\SHCore.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\combase.dll
 Opens:
                         C:\Windows\SysWOW64\sechost.dll
 Opens:
                         C:\Program Files\Internet Explorer\iexplore.exe
 Opens:
                         C:\Windows\apppatch\apppatch64\sysmain.sdb
 Opens:
                         C:\Windows\Prefetch\IEXPLORE.EXE-908C99F8.pf
 Opens:
 Opens:
                         C:\$Extend
 Opens:
                         C:\Program Files
                         C:\Program Files (x86)
 Opens:
                         C:\Program Files (x86)\Internet Explorer
 Opens:
 Opens:
                         C:\Program Files\Internet Explorer
                         C:\Program Files\Internet Explorer\en-US
 Opens:
                         C:\ProgramData
 Opens:
                         C:\ProgramData\Microsoft
 Opens:
                         C:\ProgramData\Microsoft\Windows
 Opens:
 Opens:
                         C:\ProgramData\Microsoft\Windows\Caches
 Opens:
                         C:\Users
 Opens:
                         C:\Users\Admin
 Opens:
                         C:\Users\Admin\AppData
 Opens:
                         C:\Users\Admin\AppData\Local
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Internet Explorer
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Internet Explorer\Recovery
                         C:\Users\Admin\AppData\Local\Microsoft\Internet Explorer\Recovery\High
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\Caches
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files
                         C:\Users\Admin\AppData\Roaming
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Roaming\Microsoft
 Opens:
                         C:\Users\Admin\AppData\Roaming\Microsoft\Windows
 Opens:
                         C:\Users\Admin\Desktop
 Opens:
                         C:\Users\Admin\Favorites
 Opens:
                         C:\Windows\apppatch
                         C:\Windows\apppatch\apppatch64
 Opens:
 Opens:
                         C:\Windows\Fonts
 Opens:
                         C:\Windows\Globalization
                         C:\Windows\Globalization\Sorting
 Opens:
 Opens:
                         C:\Windows\System32
 Opens:
                         C:\Windows\System32\en-US
 Opens:
                         C:\Windows\System32\Macromed
                         C: \verb|\Windows\System32\Macromed\Flash| \\
 Opens:
 Opens:
                         C:\Windows\WinSxS\amd64_microsoft.windows.common-
controls_6595b64144ccf1df_6.0.9200.16384_none_418c2a697189c07f
 Opens:
                         C:\Windows\System32\ntdll.dll
 Opens:
                         C:\Windows\System32\kernel32.dll
 Opens:
                         C:\Windows\System32\KernelBase.dll
 Opens:
                         C:\Windows\System32\locale.nls
 Opens:
                         C:\Windows\System32\apphelp.dll
 Opens:
                         C:\Windows\System32\msvcrt.dll
 Opens:
                         C:\Windows\System32\iertutil.dll
                         C:\Windows\System32\user32.dll
 Opens:
 Opens:
                         C:\Windows\System32\gdi32.dll
                         C:\Windows\System32\imm32.dll
 Opens:
 Opens:
                         C:\Windows\System32\msctf.dll
 Opens:
                         C:\Program Files\Internet Explorer\en-US\iexplore.exe.mui
 Opens:
                         C:\Windows\System32\SHCore.dll
 Opens:
                         C:\Windows\System32\combase.dll
 Opens:
                         C:\Windows\System32\rpcrt4.dll
 Opens:
                         C:\Windows\System32\ieframe.dll
 Opens:
                         C:\Windows\System32\shlwapi.dll
                         C:\Windows\System32\sechost.dll
 Opens:
                         C:\Windows\System32\ole32.dll
 Opens:
 Opens:
                         C:\Windows\System32\oleaut32.dll
 Opens:
                         C:\Windows\System32\shell32.dll
                         C:\Windows\WinSxS\amd64 microsoft.windows.common-
 Onens:
controls_6595b64144ccf1df_6.0.9200.16384_none_418c2a697189c07f\comctl32.dll
 Opens:
                         C:\Windows\WindowsShell.Manifest
                         C:\Program Files\Internet Explorer\IEShims.dll
 Opens:
 Opens:
                         C:\Windows\System32\comctl32.dll
 Opens:
                         C:\Windows\System32\comdlg32.dll
 Opens:
                         C:\Windows\System32\rpcss.dll
 Opens:
                         C:\Windows\System32\cryptbase.dll
 Opens:
                         C:\Windows\System32\bcryptprimitives.dll
 Opens:
                         C:\Windows\System32\uxtheme.dll
 Opens:
                         C:\Windows\System32\urlmon.dll
 Opens:
                         C:\Windows\System32\wininet.dll
                         C:\Windows\System32\advapi32.dll
 Opens:
                         C:\Windows\System32\dwmapi.dll
 Opens:
                         C:\Program Files\Internet Explorer\sqmapi.dll
 Opens:
 Opens:
                         C:\Windows\System32\secur32.dll
 Opens:
                         C:\Windows\System32\sspicli.dll
                         C:\Windows\System32\profapi.dll
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
```

```
Files\counters.dat
                          C:\Windows\System32\ws2_32.dll
  Opens:
 Opens:
                          C:\Windows\System32\nsi.dll
 Opens:
                          C:\Windows\System32\winhttp.dll
 Opens:
                          C:\Windows\System32\IPHLPAPI.DLL
                          C:\Windows\System32\winnsi.dll
 Opens:
 Opens:
                          C:\Windows\System32\mswsock.dll
                          C:\Windows\System32\en-US\ieframe.dll.mui
 Opens:
 Opens:
                          C:\Windows\System32\ieui.dll
 Opens:
                          C:\Windows\System32\cryptsp.dll
                          C:\Windows\System32\rsaenh.dll
 Opens:
 Opens:
                          C:\Windows\System32\clbcatq.dll
 Opens:
                          C:\Program Files\Internet Explorer\ieproxy.dll
 Opens:
                          C:\Windows\System32\oleacc.dll
 Opens:
                          C:\Windows\System32\oleaccrc.dll
 Opens:
                          C:\Windows\Fonts\StaticCache.dat
 Opens:
                          C:\Windows\Svstem32\xmllite.dll
                          C:\Windows\System32\ExplorerFrame.dll
 Opens:
                          C:\Windows\System32\duser.dll
 Opens:
                          C:\Windows\System32\dui70.dll
 Opens:
                          C:\Windows\System32\msimg32.dll
 Opens:
 Opens:
                          C:\Windows\System32\actxprxy.dll
 Opens:
                          C:\Windows\System32\mlang.dll
 Opens:
                          C:\Windows\System32\propsys.dll
 Opens:
                          C:\Windows\System32\mshtml.dll
 Opens:
                          C:\Windows\System32\setupapi.dll
 Opens:
                          C:\Windows\System32\cfgmgr32.dll
 Opens:
                          C:\Windows\System32\devobj.dll
 Opens:
                          C:\Windows\System32\en-US\setupapi.dll.mui
 Opens:
                          C: \verb|\Users\Admin\AppData\Local\Microsoft\Windows\Caches\cversions.1.db|
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\CACHES\{AFBF9F1A-8EE8-
 Opens:
4C77-AF34-C647E37CA0D9}.1.VER0X0000000000000004.DB
                          C:\Users\desktop.ini
 Opens:
 Opens:
                          C:\Users\Admin\Favorites\desktop.ini
                          C:\Users\Admin\Desktop\desktop.ini
 Opens:
                          C:\Windows\System32\Macromed\Flash\Flash.ocx
 Opens:
 Opens:
                          C:\ProgramData\Microsoft\Windows\Caches\cversions.2.db
 Opens:
                          C:\ProgramData\Microsoft\Windows\Caches\{6AF0698E-D558-4F6E-9B3C-
3716689AF493}.2.ver0x000000000000003.db
                          C:\ProgramData\Microsoft\Windows\Caches\{DDF571F2-BE98-426D-8288-
1A9A39C3FDA2}.2.ver0x000000000000001.db
                          C:\Windows\System32\Wpc.dll
 Opens:
                          C:\Windows\System32\wevtapi.dll
 Opens:
                          C:\Windows\System32\en-US\oleaccrc.dll.mui
 Opens:
 Opens:
                          C:\Windows\System32\crypt32.dll
                          C:\Windows\System32\msasn1.dll
 Opens:
                          C:\Windows\WinSxS\amd64 microsoft.windows.common-
 Onens:
controls_6595b64144ccf1df_5.82.9200.16384_none_7762d5fd3178b04e
                          {\tt C:\Windows\WinSxS\amd64\_microsoft.windows.common-}
 Opens:
controls_6595b64144ccf1df_5.82.9200.16384_none_7762d5fd3178b04e\comctl32.dll
 Opens:
                          {\tt C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary\ Internet}
Files\Low
                          {\tt C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\Lowalton} \\
 Opens:
 Opens:
                          C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low
 Opens:
                          C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
Files\Virtualized
 Opens:
                          {\tt C:\Users\Admin\AppData\Roaming\Adobe\Flash\ Player\NativeCache}
 Opens:
                          C:\Users\Admin\AppData\Roaming\Microsoft\Internet Explorer\UserData\Low
 Opens:
                          C:\Users\Admin\AppData\Local\Microsoft\Internet Explorer\Tracking
Protection
                          C:\Users\Admin\AppData\Local\Microsoft\Feeds
 Opens:
                          C:\Users\Admin\AppData\Roaming\Microsoft\Windows\PrivacIE\Low
 Opens:
 Opens:
                          C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatCache\Low
 Opens:
                          C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatUACache\Low
 Opens:
                          C:\Users\Admin\AppData\Local\Temp\Low
 Opens:
                          C:\
 Opens:
                          C:\Windows\Temp
                          C:\Windows\System32\en-US\propsys.dll.mui
 Opens:
                          C:\Windows\Prefetch\IEXPLORE.EXE-4B6C9215.pf
 Opens:
                          C:\Users\Admin\AppData\Local\Microsoft\Internet
 Opens:
Explorer\Recovery\High\Active
                          C:\Program Files (x86)\Common Files
 Opens:
                          C:\Program Files (x86)\Common Files\Adobe
C:\Program Files (x86)\Common Files\Adobe\Acrobat
 Opens:
 Opens:
                          C:\Program Files (x86)\Common Files\Adobe\Acrobat\ActiveX
 Opens:
 Opens:
                          C:\Program Files (x86)\Java
 Opens:
                          C:\Program Files (x86)\Java\jre7
 Opens:
                          C:\Program Files (x86)\Java\jre7\bin
 Opens:
                          C:\Users\Admin\AppData\Local\Microsoft\Internet
Explorer\Recovery\High\Last Active
                          C:\Users\Admin\AppData\Local\Microsoft\Internet
Explorer\Recovery\High\Last Active\RecoveryStore.{28A948A4-AAE6-11E3-BE72-0800275A72F1}.dat
                          C:\Users\Admin\AppData\LocalLow
 Opens:
 Opens:
                          C:\Users\Admin\AppData\LocalLow\Microsoft
 Opens:
                          {\tt C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache}
                          \verb|C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content|\\
 Opens:
                          C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData
 Opens:
                          C:\Users\Admin\AppData\Local\Microsoft\Windows\History
 Opens:
 Opens:
                          C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
Files\Content.IE5
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\41101FRQ
```

```
Opens:
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\LXTB75Y0
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\P8S8Q01R
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\T2095MVJ
                         C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies
                         C:\Windows\ServiceProfiles
 Opens:
 Opens:
                         C:\Windows\ServiceProfiles\LocalService
 Opens:
                         C:\Windows\ServiceProfiles\LocalService\AppData
 Opens:
                         C:\Windows\ServiceProfiles\LocalService\AppData\Local
 Opens:
                         C:\Windows\SysWOW64\en-US
 Opens:
                         C:\Windows\SysWOW64\Macromed
                         C:\Windows\SysWOW64\Macromed\Flash
 Opens:
 Opens:
C:\Windows\WinSxS\x86_microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.6910_none_d089c358442de345
                         C:\Windows\WinSxS\x86_microsoft.windows.common-
 Opens:
controls_6595b64144ccf1df_6.0.9200.16384_none_893961408605e985
                         C:\Windows\System32\wow64win.dll
 Opens:
                         C:\Windows\System32\wow64cpu.dll
 Opens:
                         C:\Windows\SysWOW64\user32.dl1
 Opens:
                         C:\Windows\SysWOW64\gdi32.dll
 Opens:
                         C:\Windows\SysWOW64\msctf.dll
 Opens:
                         C:\Windows\SysWOW64\rpcrt4.dll
 Opens:
                         C:\Windows\SysWOW64\sspicli.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\cryptbase.dll
 Opens:
                         C:\Windows\SysWOW64\bcryptprimitives.dll
 Opens:
                         C:\Windows\SysWOW64\ieframe.dll
 Opens:
                         C:\Windows\SysWOW64\shlwapi.dll
 Opens:
                         C:\Windows\SysWOW64\ole32.dll
 Opens:
                         C:\Windows\SysWOW64\oleaut32.dll
                         C:\Windows\SysWOW64\shell32.dll
 Opens:
                         C:\Windows\WinSxS\x86_microsoft.windows.common-
 Opens:
controls_6595b64144ccf1df_6.0.9200.16384_none_893961408605e985\comctl32.dll
                         C:\Program Files (x86)\Internet Explorer\IEShims.dll
 Opens:
                         C:\Windows\SysWOW64\advapi32.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\comctl32.dll
 Opens:
                         C:\Windows\SysWOW64\comdlg32.dll
 Opens:
                         C:\Windows\SysWOW64\uxtheme.dll
 Opens:
                         C:\Windows\SysWOW64\wininet.dll
 Opens:
                         C:\Windows\SysWOW64\secur32.dll
 Opens:
                         C:\Windows\SysWOW64\profapi.dll
 Opens:
                         C:\Windows\SysWOW64\urlmon.dll
                         C:\Windows\SysWOW64\ws2_32.dll
 Opens:
                         C:\Windows\SysWOW64\nsi.dll
 Opens:
                         C:\Windows\SysWOW64\winhttp.dll
 Opens:
                         C:\Windows\SysWOW64\mswsock.dll
 Opens:
                         C:\Windows\SysWOW64\IPHLPAPI.DLL
 Opens:
                         C:\Windows\SysWOW64\winnsi.dll
 Opens:
                         C:\Windows\SysWOW64\dwmapi.dll
 Opens:
                         C:\Windows\SysWOW64\cryptsp.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\rsaenh.dll
                         C:\Windows\SysWOW64\clbcatq.dll
 Opens:
 Opens:
                         C:\Program Files (x86)\Internet Explorer\ieproxy.dll
 Opens:
                         C:\Program Files (x86)\Internet Explorer\sqmapi.dll
 Opens:
                         C:\Windows\SysWOW64\mshtml.dll
 Opens:
                         C:\Windows\SysWOW64\d2d1.dll
 Opens:
                         C:\Windows\SysWOW64\DWrite.dll
 Opens:
                         C:\Windows\SysWOW64\dxgi.dll
                         C:\Windows\SysWOW64\mlang.dll
 Opens:
                         C:\Windows\SysWOW64\propsys.dll
 Opens
                         C:\Windows\SysWOW64\dnsapi.dll
 Opens
 Opens:
                         C:\Program Files (x86)\Common
Files\Adobe\Acrobat\ActiveX\AcroIEHelperShim.dll
 Opens
Opens:
{\tt C:Windows\WinSxS\\x86\_microsoft.vc80.crt\_1fc8b3b9a1e18e3b\_8.0.50727.6910\_none\_d089c358442de345\\wsvcp80.dl1}
                         C:\Program Files (x86)\Common
 Opens:
Files\Adobe\Acrobat\ActiveX\AcroIEHelper.dll
                         C:\Program Files (x86)\Java\jre7\bin\jp2ssv.dll
 Opens:
                         C:\Program Files (x86)\Java\jre7\bin\msvcr100.dll
C:\Windows\SysWOW64\sxs.dll
 Opens:
 Opens:
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\EKQRWULQ.TXT
 Opens:
                         C:\Windows\SysWOW64\FWPUCLNT.DLL
 Opens:
                         C:\Windows\SysWOW64\stdole2.tlb
 Opens:
                         C:\Windows\SysWOW64\rasadhlp.dll
 Opens:
                         C:\Windows\SysWOW64\actxprxy.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\ieui.dll
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\T2095MVJ\CPSID_83708[1].HTM
                         C:\Windows\SysWOW64\ninput.dll
 Opens:
                         C:\Windows\SysWOW64\jscript9.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\en-US\urlmon.dll.mui
 Opens:
                         C:\Windows\System32\en-US\mshtml.dll.mui
                         C:\Windows\SysWOW64\msimtf.dll
 Opens:
                         C:\Windows\SysWOW64\powrprof.dll
 Opens:
                         C:\Windows\SysWOW64\dcomp.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\d3d11.dll
 Opens:
                         C:\Windows\SysWOW64\d3d10warp.dll
                         C:\Windows\SysWOW64\tzres.dll
 Opens:
 Opens:
                         C:\Windows\System32\en-US\tzres.dll.mui
```

```
Opens:
                         C:\Windows\SysWOW64\oleacc.dll
 Opens:
                         C:\Windows\SysWOW64\oleaccrc.dll
 Opens:
                         C:\Windows\SysWOW64\vaultcli.dll
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\History\desktop.ini
 Opens:
                         C:\Windows\System32\en-US\shell32.dll.mui
                         C:\Windows\SysWOW64\setupapi.dll
 Opens
                         C:\Windows\SysWOW64\cfgmgr32.dll
 Opens:
                         C:\Windows\SysWOW64\devobj.dll
 Opens
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\LXTB75Y0\RELEASE-NOTES-ACROBAT-READER[1].HTM
                         C:\Windows\SysWOW64\UIAutomationCore.dll
 Opens
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens
FILES\CONTENT.IE5\P8S8Q01R\ADOBE-LIGHT-COMPRESSED[1].CSS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\P8S8Q01R\COMPRESSED[1].CSS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\P8S8Q01R\AD0BE-CONFIGURATOR-COMPRESSED[1].CSS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\41101FRQ\VISITORAPI[2].JS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\41101FRQ\MBOX[1].JS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens
FILES\CONTENT.IE5\41101FRQ\CHLIMS[1].JS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\41101FRQ\HELPPAGE[1].JS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\T2095MVJ\STATIC[2].CSS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\T2095MVJ\HELPPAGE[1].CSS
 Opens:
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\T2095MVJ\LOCALE-SPECIFIC[1].CSS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\T2095MVJ\HELP-SUPPORT[1].CSS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\LXTB75Y0\TYPEKIT-COMPRESSED[2].JS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\LXTB75Y0\S_CHL_CODE[2].JS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\LXTB75Y0\0[1].GIF
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\P8S8Q01R\CC[1].PNG
                         C:\Users\Admin\AppData\Local\Microsoft\Internet Explorer\MSIMGSIZ.DAT
 Opens:
                         C:\Windows\SysWOW64\WindowsCodecs.dll
 Opens:
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\LXTB75Y0\FAVICON[1].ICO
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens
FILES\CONTENT.TE5\LXTB75Y0\COMPRESSED[11.JS
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\LXTB75Y0\CLIENTLIBS[1].CSS
                         {\tt C:\Windows\SysWOW64\Macromed\Flash\Flash.ocx}\\
 Opens:
                         C:\Windows\SysWOW64\version.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\winmm.dll
 Opens:
                         C:\Windows\SysWOW64\crypt32.dll
 Opens:
                         C:\Windows\SysWOW64\dsound.dll
 Opens:
                         C:\Windows\SysWOW64\msimg32.dll
 Opens:
                         C:\Windows\SysWOW64\mscms.dll
 Opens:
                         C:\Windows\SysWOW64\winmmbase.dll
 Opens:
                         C:\Windows\SysWOW64\msasn1.dll
 Opens:
                         C:\Windows\SysWOW64\userenv.dll
                         C:\Windows\System32\en-US\KernelBase.dll.mui
 Opens:
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\TV60UTUN.TXT
 Opens:
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\OBPL89B7.TXT
 Opens:
 Opens:
                         C:\Windows\ServiceProfiles\LocalService\AppData\Local\~FontCache-
System.dat
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
  Opens:
FILES\CONTENT.IE5\41101FRQ\TILE[1].PNG
                         C:\Windows\ServiceProfiles\LocalService\AppData\Local\~FontCache-
 Opens:
FontFace.dat
                         C:\Windows\ServiceProfiles\LocalService\AppData\Local\~FontCache-S-1-5-
 Opens
21-1923240461-1905901954-2556564120-1001.dat
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\P8S8Q01R\CHL[1].JS
                         C:\Windows\SysWOW64\en-US\jscript9.dll.mui
 Opens:
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens
FILES\CONTENT.IE5\T2095MVJ\S_CODE_CHL[1].JS
                         C:\Windows\Fonts\arial.ttf
 Opens:
                         C:\Windows\SysWOW64\msls31.dll
 Opens:
 Opens:
                         C:\Windows\Fonts\ariali.ttf
 Opens:
                         C:\Windows\Fonts\arialbd.ttf
 Opens:
                         C:\Windows\SysWOW64\iepeers.dll
 Opens:
                         C:\Windows\SysWOW64\mshtml.tlb
 Opens:
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\ZNHTA2NB.TXT
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\41101FRQ\COMMUNITYHELP[1].JS
 Opens:
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\17TE3KQ3.TXT
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\BJQC4YWQ.TXT
 Opens:
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\RNAOFXQF.TXT
 Opens:
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\WOVMK9ZX.TXT
 Opens
 Opens:
                         C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\20UEE020.TXT
 Opens:
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\41101FRQ\LOGO[1].PNG
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
```

```
FILES\CONTENT.IE5\41101FRQ\NEW_WINDOW_ICON_BLUE[1].PNG
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\P8S8Q01R\ICON_SEARCH_MOBILE[1].PNG
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\LXTB75Y0\ARROW_LIGHT[1].PNG
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens
FILES\CONTENT.IE5\T2095MVJ\CART_LIGHT[1].PNG
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\P8S8Q01R\TOTHETOP[1].PNG
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\LXTB75Y0\FOLD-ORANGE[1].PNG
 Opens:
                         C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
FILES\CONTENT.IE5\T2095MVJ\SEARCH_BUTTON[1].PNG
                         C:\Windows\SysWOW64\schannel.dll
 Opens:
                          C:\Windows\SysWOW64\ncrypt.dll
 Opens:
 Opens:
                          C:\Windows\SysWOW64\bcrypt.dll
                          C:\Windows\SysWOW64\ntasn1.dll
 Opens:
                          C:\Windows\SysWOW64\ncryptsslp.dll
 Opens:
                          C:\Windows\SysWOW64\wintrust.dll
 Opens:
 Opens:
                          C:\Windows\SysWOW64\gpapi.dll
                          C:\Windows\System32\en-US\crypt32.dll.mui
 Opens:
 Opens:
                          C:\Windows\SysWOW64\cryptnet.dll
                          C:\Windows\SysWOW64\Wldap32.dll
 Opens:
 Opens:
C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\FB788E090BC1F3AA2FBC9E8FB2859601
 Opens:
{\tt C:\Wers\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content\FB788E090BC1F3AA2FBC9E8FB2859601}
 Opens:
{\tt C: \Wers \land Admin \land PpData \land Local Low \land Microsoft \land Cryptnet Url Cache \land MetaData \land 1DAF2884EC4DFA96BA4A58D4DBC9C406} \\
 Opens:
{\tt C:\WSers\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content\1DAF2884EC4DFA96BA4A58D4DBC9C406} \\
C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\7D1F03728133589A90656A87E482B21F
 Opens
C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content\7D1F03728133589A90656A87E482B21F
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\T2095MVJ\REGION_BLUE[1].PNG
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\T2095MVJ\EVIDON[1].PNG
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\T2095MVJ\REGION_BLACK[1].PNG
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\41101FRQ\SSOCHECK[1].TXT
                          C:\USERS\ADMIN\APPDATA\ROAMING\MICROSOFT\WINDOWS\COOKIES\YTTZKXT8.TXT
 Opens:
                          C:\USERS\ADMIN\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET
 Opens:
FILES\CONTENT.IE5\T2095MVJ\PDF[1].GIF
                         C:\Windows\SysWOW64\dhcpcsvc6.dll
 Opens:
 Opens:
                          C:\Windows\SysWOW64\dhcpcsvc.dll
                         C:\Windows\SysWOW64\en-US\mshtml.dll.mui
 Opens:
 Opens:
                         C:\Windows\System32\en-US\urlmon.dll.mui
 Opens:
                          C:\Windows\WinSxS\x86_microsoft.windows.common-
controls_6595b64144ccf1df_5.82.9200.16384_none_bf100cd445f4d954
                          C:\Windows\WinSxS\x86_microsoft.windows.common-
controls_6595b64144ccf1df_5.82.9200.16384_none_bf100cd445f4d954\comctl32.dll
 Opens:
                          C:\Windows\SysWOW64\en-US\ieframe.dll.mui
                          C:\Windows\SysWOW64\en-US\propsys.dll.mui
 Opens:
 Opens:
                          C:\Windows\Temp\test12.jar.html
                          C:\Windows\SysWOW64\en-US\setupapi.dll.mui
 Opens:
                          C:\Windows\SysWOW64\en-US\tzres.dll.mui
 Opens:
 Opens:
                          C:\Program Files (x86)\Java\jre7\bin\jp2iexp.dll
                          C:\Program Files (x86)\Java\jre7\bin\client
 Opens:
                          C:\Program Files (x86)\Java\jre7\bin\client\jvm.dll
 Opens
 Opens:
                          C:\Users\Admin\AppData\Local\Microsoft\Windows\Caches\{AFBF9F1A-8EE8-
4C77-AF34-C647E37CA0D9}.1.ver0x000000000000010.db
                          C:\Windows\SysWOW64\en-US\shell32.dll.mui
 Opens:
 Opens:
                          C:\Windows\System32\url.dll
 Opens:
                          C:\Windows\SysWOW64\wsock32.dll
                          C:\Program Files (x86)\Java\jre7\bin\verify.dll
 Opens:
                          C:\Program Files (x86)\Java\jre7\bin\java.dll
 Opens:
 Opens:
                          C:.hotspotrc
                          C:\Users\Admin\AppData\Local\Temp\hsperfdata_Admin
 Opens:
                          C:\Program Files (x86)\Java\jre7\bin\zip.dll
 Opens:
 Opens:
                          C:\Program Files (x86)\Java\jre7\lib
                          C:\Program Files (x86)\Java\jre7\lib\meta-index
 Opens:
                          C:\Program Files (x86)\Java\jre7\bin\client\classes.jsa
 Opens:
 Opens:
                          C:\Program\ Files\ (x86)\Java\jre7\lib\rt.jar
 Opens:
                          C:\Program Files (x86)\Java\jre7\lib\deploy.jar
 Opens:
                          C:\Program Files (x86)\Java\jre7\lib\javaws.jar
 Opens:
                          C:\Program Files (x86)\Java\jre7\lib\plugin.jar
 Opens:
                          C:.hotspot_compiler
 Opens:
                           C:\Program Files (x86)\Java\jre7\lib\ext\meta-index \\
 Opens:
                          C:\Program Files (x86)\Java\jre7\lib\ext
                          C:\Program Files (x86)\Java\jre7\bin\deploy.dll
  Opens:
                          C:\Program Files (x86)\Java\jre7\bin\jp2native.dll
 Opens:
 Opens:
C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\deployment.properties
                          C:\Program Files (x86)\Java\jre7\bin\net.dll
 Opens:
                          C:\Program Files (x86)\Java\jre7\bin\nio.dll
 Opens:
 Opens:
                          C:\Program Files\Java
 Opens:
                          C:\Program Files\Java\jre7
                          C:\Program Files\Java\jre7\bin
 Opens:
                          C:\Program Files (x86)\Java\jre7\lib\security\java.security
 Opens:
```

```
Opens:
                                    C:\Program Files (x86)\Java\jre7\bin\jp2launcher.exe
  Opens:
                                    C:\Windows\Prefetch\JP2LAUNCHER.EXE-6240744E.pf
  Opens:
                                    C:\Windows\apppatch\AcLayers.dll
  Opens:
                                    C:\Windows\SysWOW64\mpr.dll
  Opens:
                                    C:\Windows\SysWOW64\sfc.dll
                                    C:\Windows\SysWOW64\winspool.drv
  Opens:
  Opens:
                                    C:\Windows\SysWOW64\sfc_os.dll
                                    C:\Program Files (x86)\Java\jre7\bin\java.exe
  Opens:
  Opens:
                                    C:\Program Files (x86)\Java\jre7\bin\jpishare.dll
  Opens:
                                    C:\Windows\Prefetch\JAVA.EXE-07FE5A9A.pf
  Opens:
                                    C:\Program Files (x86)\Java\jre7\lib\i386
                                    C:\Program Files (x86)\Java\jre7\lib\security
  Opens:
  Opens:
                                    C:\Users\Admin\AppData\LocalLow\Sun
                                    C:\Users\Admin\AppData\LocalLow\Sun\Java
  Opens:
  Opens:
                                    C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment
  Opens:
                                    C:\Users\Admin\AppData\LocalLow\Sun\Java\Deployment\cache
  Opens:
                                    C:\Users\Admin\AppData\Local\Temp
  Opens:
                                    C:\Program Files (x86)\Java\jre7\lib\i386\jvm.cfg
                                    C:\Windows\SysWOW64\psapi.dll
  Opens:
  Opens:
                                    C:\Program Files (x86)\Java\jre7\bin\awt.dll
  Opens:
                                    C:\Windows\apppatch\AcGenral.dll
  Opens:
                                    C:\Windows\SysWOW64\samcli.dll
                                    C:\Windows\SysWOW64\msacm32.dll
  Opens:
                                    C:\USERS\ADMIN\APPDATA\LOCAL\TEMP\HSPERFDATA_ADMIN\2456
  Opens:
  Opens:
                                    C:\Windows\SysWOW64\d3d9.dll
  Opens:
                                    C:\Program Files (x86)\Java\jre7\lib\net.properties
  Opens:
                                     C:\Program Files (x86)\Java\jre7\\lib\security\java.policy 
  Opens:
                                    C:\Program Files (x86)\Java\jre7\bin\fontmanager.dll
  Opens:
                                    C:\Program Files (x86)\Java\jre7\lib\fontconfig.bfc
  Opens:
                                    C:\Windows\System32\dpapi.dll
  Opens:
                                    C:\Windows\System32\conhost.exe
  Opens:
                                    C:\Windows\System32\en-US\conhost.exe.mui
                                    C:\Windows\System32\java.exe
  Opens:
  Opens:
                                    C:\Users\Admin\.accessibility.properties
  Opens:
                                    C:\Windows\SysWOW64\en-US\KernelBase.dll.mui
                                    C:\Program Files (x86)\Java\jre7\lib\accessibility.properties
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                                    C:\Users\Admin\AppData\Local\Microsoft\Internet
Explorer\Recovery\High\Active\RecoveryStore.{3A6B4AD6-F55E-11E5-BE82-080027FAC36D}.dat
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                                                       HKLM\software\microsoft\windows nt\currentversion\profilelist
   Opens key:
                                                       HKCU\software\microsoft\windows\currentversion\explorer\user shell
folders
   Opens key:
                                                       \label{lem:hkcu} \verb+KKCU\+software\+policies\+microsoft\+windows\+currentversion\+internet
settings
                                                       HKCU\software\microsoft\internet
   Opens kev:
\verb|explorer\main\featurecontrol\feature_http_username_password_disable|
   Opens key:
                                                       HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_http_username_password_disable
   Opens key:
                                                       HKCU\software\microsoft\internet
explorer\main\featurecontrol\retry_headeronlypost_onconnectionreset
   Opens key:
                                                       HKLM\software\microsoft\internet
explorer\main\featurecontrol\retry_headeronlypost_onconnectionreset
                                                       HKCU\software\microsoft\internet
   Opens kev:
explorer\main\featurecontrol\feature_mime_handling
                                                       HKLM\software\microsoft\internet
   Opens kev:
explorer\main\featurecontrol\feature_mime_handling
   Opens key:
                                                       HKCU\software\microsoft\internet
explorer \verb|\main| featurecontrol| feature\_bypass\_cache\_for\_credpolicy\_kb936611
   Opens key:
                                                       HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_bypass_cache_for_credpolicy_kb936611
   Opens key:
                                                       HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_ignore_mappings_for_credpolicy
   Opens key:
                                                       HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_ignore_mappings_for_credpolicy
   Opens key:
                                                       HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_include_port_in_spn_kb908209
                                                       HKLM\software\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature_include_port_in_spn_kb908209
   Opens key:
                                                       HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_bufferbreaking_818408
   Opens kev:
                                                       HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_bufferbreaking_818408
   Opens key:
                                                       HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_skip_post_retry_on_internetwritefile_kb895954
   Opens key:
                                                       HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_skip_post_retry_on_internetwritefile_kb895954
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Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_fix_chunked_proxy_script_download_kb843289
                     HKLM\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_fix_chunked_proxy_script_download_kb843289
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_use_cname_for_spn_kb911149
 Opens key:
                     HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_use_cname_for_spn_kb911149
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_allow_long_international_filenames
                     HKLM\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_allow_long_international_filenames
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_permit_cache_for_authenticated_ftp_kb910274
 Opens kev:
                     HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_permit_cache_for_authenticated_ftp_kb910274
 Opens kev:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback
                     HKLM\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_disallow_null_in_response_headers
 Opens key:
                     HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_disallow_null_in_response_headers
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_digest_no_extras_in_uri
 Opens key:
                     HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_digest_no_extras_in_uri
                     HKLM\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_enable_passport_session_store_kb948608
                     HKCU\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature exclude invalid client cert kb929477
 Opens kev:
                     HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_exclude_invalid_client_cert_kb929477
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_use_utf8_for_basic_auth_kb967545
 Opens key:
                     HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_use_utf8_for_basic_auth_kb967545
                     HKCU\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature return failed connect content kb942615
                     HKLM\software\microsoft\internet
 Opens kev:
explorer\main\featurecontrol\feature_return_failed_connect_content_kb942615
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_preserve_spaces_in_filenames_kb952730
                     HKLM\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_preserve_spaces_in_filenames_kb952730
                     HKCU\software\microsoft\windows\currentversion\internet settings
 Opens kev:
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                     HKLM\software\microsoft\windows\currentversion\internet settings
 Opens key:
                     HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache
 Opens key:
                     HKLM\software\policies\microsoft\windows\currentversion\internet
settings\5.0\cache
 Opens key:
                     \label{lem:hkcu} \verb+KCU\+software\+policies\+microsoft\+windows\+currentversion\+internet
settings\5.0\cache
 Opens key:
                     HKCU\software\microsoft\internet
\hbox{\tt explorer}. \\ \hline \texttt{main} \\ \hline \texttt{featurecontrol}. \\ \hline \texttt{feature\_disable\_notify\_unverified\_spn\_kb2385266}
                     HKLM\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_disable_notify_unverified_spn_kb2385266
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_compat_use_connection_based_negotiate_auth_kb2151543
 Opens kev:
                     HKLM\software\microsoft\internet
\verb|explorer| main feature control feature compat_use connection_based_negotiate\_auth\_kb2151543| \\
 Opens key:
                     HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_sch_send_aux_record_kb_2618444
                     HKLM\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_sch_send_aux_record_kb_2618444
 Opens key:
                     HKLM\system\currentcontrolset\services\winsock2\parameters
 Opens kev:
                     HKLM\system\currentcontrolset\services\winsock2\parameters\appid catalog
 Opens kev:
HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\29bc6c5a-15708810
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HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9
 Opens key:
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Opens key:
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 $HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \setminus parameters \setminus names pace\_catalog 5$ 

Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\00000014 Opens key:

Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries64\0000000000001

Opens kev:

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Opens kev: HKLM\system\currentcontrolset\services\winsock\parameters Opens key:  $\label{lem:hklm} \verb+Kklm \system \current control set \services \scalebox{$\setminus$ tcpip \rangle arameters \scalebox{$\setminus$ winsock }} \\$ Opens key:  $HKLM \verb|\system| current control set \verb|\services| tcpip6 \verb|\parameters| winsock$ Opens key: HKLM\software\policies\microsoft\internet explorer\searchscopes Opens key: HKCU\software\microsoft\internet explorer\searchscopes

Opens key: HKLM\software\microsoft\internet explorer\searchscopes

HKCU\software\microsoft\internet Opens key:

explorer\browseremulation\clearablelistdata

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Opens kev: HKLM\svstem\currentcontrolset\services\winsock\setup

migration\providers\tcpip6

Opens key: HKCU\software\microsoft\internet explorer\browseremulation Opens key: HKLM\software\microsoft\internet explorer\browseremulation Opens key:

b029-7fe99a87c641}

Opens kev:

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b029-7fe99a87c641}\propertybag

Opens kev:

 $HKLM \label{lem:hklm} Which is a constant, which is the sum of t$ 87bd-30b759fa33dd3

Opens key:

 $87bd-30b759fa33dd \} \verb|\propertybag| \\$ 

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9afe-ea3317b67173}

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Opens key:

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Opens key: HKCU\software\classes\appid\iexplore.exe HKCR\appid\iexplore.exe Opens kev: Opens kev: HKLM\software\microsoft\ole\appcompat

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908e-08a611b84ff6}

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cryptographic provider

Opens key: HKLM\software\policies\microsoft\cryptography

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HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}\propertybag

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Opens key:  ${\tt HKLM \backslash software \backslash microsoft \backslash cryptography \backslash offload}$ 

Opens key: HKCU\software\classes\interface\{00000134-0000-0000-0000-00000000046}

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HKCR\interface\{00000134-0000-0000-c000-00000000046}\proxystubclsid32 Opens key:

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HKCR\interface\{1ac7516e-e6bb-4a69-b63f-e841904dc5a6} Opens key: Opens key: HKCU\software\classes\interface\{1ac7516e-e6bb-4a69-b63f-

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e841904dc5a6}\proxystubclsid32
                                                                                                                    HKCR \land face \land \{1ac7516e-e6bb-4a69-b63f-e841904dc5a6\} \land proxystubclsid 32\} \land face \land f
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        Opens key:
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        Opens key:
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       Opens key:
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 e4fddd701cba}\inprochandler
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categories\{00021494-0000-0000-c000-00000000046}\enum
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HKCU\software\microsoft\windows\currentversion\explorer\discardable\postsetup\component
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objects\{dbc80044-a445-435b-bc74-9c25c1c588a9}
        Opens key:
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 a445-435b-bc74-9c25c1c588a9}
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 objects
        Opens key:
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compatibility\{18df081c-e8ad-4283-a596-fa578c2ebdc3}
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       Opens key:
compatibility\{18df081c-e8ad-4283-a596-fa578c2ebdc3}
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compatibility\{dbc80044-a445-435b-bc74-9c25c1c588a9}
                                                                                                                   \label{lem:hklmsoftware} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} wow 6432 node \end{tabular} node \end{tabular} in terms to explore \end{tabular} explorer \end{tabular} and the label \end{tabular} of the label \end{tabular} and \end{tabular} of the label \end{tabular} of \end{tabular} of \end{tabular} wow 6432 node \end{tabular} wow 6432 node \end{tabular} of \end{tabular} of \end{tabular} wow 6432 node \end{tabular} of 
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 settings\
        Opens key:
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 explorer\main\featurecontrol\feature_ignore_policies_zonemap_if_esc_enabled_kb918915
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 explorer \verb|\main| featurecontrol| feature\_ignore\_policies\_zonemap\_if\_esc\_enabled\_kb918915
        Opens key:
                                                                                                                    \label{lem:hklm} \verb+Kklm\+ software\+ policies\+ microsoft\+ windows\+ current version\+ internet
settings\zonemap\domains\
        Opens key:
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 settings\zonemap\domains\
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        Opens key:
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                                                                                                                    \label{thm:local-continuous} HKCU \software \mbox{$\mbox{microsoft}\windows\current version} in terms \ settings \slash \ 2000 \ settings \ 2000 \ setting
        Opens key:
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        Opens key:
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settings\zones\
        Opens key:
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settings\zones\
   Opens key:
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
settings\zones\0
                                              HKCU\software\policies\microsoft\windows\currentversion\internet
   Opens key:
settings\zones\0
   Opens kev:
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
settings\zones\1
  Opens key:
                                              \label{lem:hkcu} \verb+KKCU\+ software\+ policies\+ microsoft\+ windows\+ current version\+ internet
settings\zones\1
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  Opens key:
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settings\zones\2
  Opens key:
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
settings\zones\3
                                              HKCU\software\policies\microsoft\windows\currentversion\internet
  Opens kev:
settings\zones\3
  Opens key:
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
settings\zones\4
  Opens key:
                                              \label{lem:hkcu} \verb+KKCU\+software\+policies\+microsoft\+windows\+currentversion\+internet
settings\zones\4
   Opens key:
                                              HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_localmachine_lockdown
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
   Opens key:
settings\lockdown_zones\
   Opens key:
                                              \label{lem:hkcu} \verb+KKCU\+ software\+ policies\+ microsoft\+ windows\+ current version\+ internet
settings\lockdown_zones\
   Opens key:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown zones\
   Opens kev:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown_zones\0
   Opens key:
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
settings\lockdown_zones\0
                                              HKCU\software\policies\microsoft\windows\currentversion\internet
  Opens key:
settings\lockdown_zones\0
                                              HKCU\software\microsoft\windows\currentversion\internet
  Opens key:
settings\lockdown zones\1
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
  Opens kev:
settings\lockdown zones\1
                                              HKCU\software\policies\microsoft\windows\currentversion\internet
  Opens kev:
settings\lockdown_zones\1
                                              HKCU\software\microsoft\windows\currentversion\internet
  Opens key:
settings\lockdown_zones\2
   Opens key:
                                              \label{lem:hklm} \verb+Kklm\+ software\+ policies\+ microsoft\+ windows\+ current version\+ internet
\verb|settings\lockdown_zones\2|
                                              \label{lem:hkcu} \verb+KKCU\+ software\+ policies\+ microsoft\+ windows\+ current version\+ internet
  Opens key:
settings\lockdown_zones\2
   Opens key:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown_zones\3
   Opens key:
                                              \label{lem:hklm} \verb+Kklm\+ software\+ policies\+ microsoft\+ windows\+ current version\+ internet
settings\lockdown_zones\3
                                              HKCU\software\policies\microsoft\windows\currentversion\internet
   Opens key:
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                                              HKCU\software\microsoft\windows\currentversion\internet
   Opens key:
settings\lockdown_zones\4
   Opens kev:
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
settings\lockdown zones\4
  Opens key:
                                             \label{lem:hkcu} \verb+KKCU\+ software \+ policies \+ microsoft \+ windows \+ current \+ version \+ internet
settings\lockdown_zones\4
   Opens key:
                                             HKCU\software\microsoft\internet explorer\security
   Opens key:
                                              HKLM\software\microsoft\internet explorer\security
  Opens key:
                                              HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature allow reverse solidus in userinfo kb932562
                                             HKLM\software\microsoft\internet
  Opens kev:
explorer\main\featurecontrol\feature_allow_reverse_solidus_in_userinfo_kb932562
   Opens key:
                                              HKLM\software\microsoft\windows\currentversion\policies\explorer
   Opens kev:
                                              HKCU\software\microsoft\windows\currentversion\policies\explorer
   Opens key:
HKLM\software\microsoft\windows\currentversion\shellcompatibility\applications\iexplore.exe
   Opens key
                                             HKCU\software\classes\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder
   Opens key:
                                             HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\shellfolder
   Opens key:
                                              3aea-1069-a2d8-08002b30309d}\shellfolder
   Opens key:
                                              HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus windows \setminus current version \setminus explorer \setminus clsid \setminus \{20d04fe0-microsoft \setminus explorer \setminus clsid \setminus clsid \setminus explorer \setminus clsid \setminus explorer \setminus clsid \setminus explorer \setminus clsid \setminus 
3aea-1069-a2d8-08002b30309d}\shellfolder
   Opens key:
                                              \label{lem:hkcu} \verb+KCU\+software\+microsoft\+windows\+currentversion\+policies\+nonenum
   Opens key:
                                              HKLM\software\microsoft\windows\currentversion\policies\nonenum
   Opens key:
\label{thm:hkcu} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \explorer \mountpoints 2 \cpc \volume \end{tabular} \label{thm:hkcu}
   Opens key:
11e3-be65-806e6f6e6963}\
   Opens kev:
                                              HKCU\software\classes\drive\shellex\folderextensions
   Opens key:
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   Opens key:
                                              HKCU\software\classes\drive\shellex\folderextensions\{fbeb8a05-beee-
4442-804e-409d6c4515e9}
   Opens key:
                                              HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-
```

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409d6c4515e9}
  Opens key:
                           HKCU\software\microsoft\windows\currentversion\explorer\
 Opens key:
                           \label{lem:hkcu} \begin{tabular}{ll} HKCU \software \mbox{$\stackrel{\cdot}{m}$ icrosoft \windows \current version \end{tabular} . \end{tabular}
 Opens key:
                           HKCU\software\classes\directory
 Opens key:
                           HKCR\directory
 Opens key:
                           HKCU\software\classes\directory\shellex\iconhandler
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                           HKCR\directory\shellex\iconhandler
 Opens key:
                           HKCU\software\classes\folder
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                           HKCU\software\classes\folder\shellex\iconhandler
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                           HKCU\software\classes\allfilesystemobjects
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                           HKCR\allfilesystemobjects
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                           HKCU\software\classes\allfilesystemobjects\shellex\iconhandler
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 Opens key:
                           HKCU\software\classes\directory\docobject
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                           HKCU\software\classes\folder\docobject
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                           HKCU\software\classes\allfilesystemobjects\docobject
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 Opens key:
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                           HKCR\folder\browseinplace
 Opens key:
                           HKCU\software\classes\allfilesystemobjects\browseinplace
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                           HKCU\software\classes\directory\clsid
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                           HKCU\software\classes\folder\clsid
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                           HKCU\software\classes\allfilesystemobjects\clsid
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 Opens key:
                           HKLM\software\microsoft\windows\currentversion\explorer\kindmap
 Opens key:
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 Opens key:
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                           b8dc300d9f9d}
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                           HKCR\clsid\{1f486a52-3cb1-48fd-8f50-b8dc300d9f9d}
                           HKCU\software\classes\clsid\{1f486a52-3cb1-48fd-8f50-
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b8dc300d9f9d}\treatas
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                           HKCU\software\classes\clsid\{1f486a52-3cb1-48fd-8f50-
 Opens key:
b8dc300d9f9d}\inprocserver32
                           HKCR\clsid\{1f486a52-3ch1-48fd-8f50-h8dc300d9f9d}\inprocserver32
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b8dc300d9f9d}\inprochandler32
                           HKCR\clsid\{1f486a52-3cb1-48fd-8f50-b8dc300d9f9d}\inprochandler32
  Opens key:
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b8dc300d9f9d}\inprochandler
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 Opens key:
 Opens key:
                           HKLM\software\microsoft\windows\windows error reporting\wmr
 Opens key:
                           HKCU\software\classes\.html\openwithprogids
 Opens key:
                           HKCR\.html\openwithprogids
 Opens key:
HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.html\openwithprogids
 Opens key:
                           \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ explorer\+ fileexts
 Opens key:
                           HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.html
 Opens key:
                           HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.html\
 Opens key:
HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.html\userchoice
 Opens key:
                           HKCU\software\microsoft\windows\shell\associations
                           HKCU\software\classes\htmlfile
 Opens key:
 Opens key:
                           HKCR\htmlfile
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 Opens key:
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                           HKCU\software\classes\htmlfile\shellex\iconhandler
 Opens key:
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                           HKCR\htmlfile\shellex\iconhandler
                           HKCU\software\classes\htmlfile\docobject
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 Opens key:
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                           HKCU\software\classes\systemfileassociations\.html
                           HKCR\systemfileassociations\.html
 Opens key:
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                           {\tt HKCU \setminus software \setminus classes \setminus system file associations \setminus .html \setminus docobject}
 Opens key:
                           {\tt HKCR} \verb|\systemfileassociations|.html| docobject
 Opens key:
                           HKCU\software\classes\systemfileassociations\document
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                           HKCR\systemfileassociations\document
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 Opens key:
                           HKCU\software\classes\htmlfile\browseinplace
 Opens key:
                           HKCR\htmlfile\browseinplace
 Opens key:
                           HKCU\software\classes\systemfileassociations\.html\browseinplace
 Opens key:
                           {\tt HKCR} \verb|\systemfileassociations|.html\browseinplace|
 Opens key:
                           \label{lem:hkcu} \verb+KKCU \software \classes \system file associations \document \end{tensor} browse in place
 Opens key:
                           HKCR\systemfileassociations\document\browseinplace
                           HKCU\software\classes\htmlfile\clsid
 Opens key:
 Opens key:
                           {\tt HKCR \ htmlfile \ clsid}
 Opens key:
                           HKCU\software\classes\clsid\{25336920-03f9-11cf-8fd0-
00aa00686f13}\implemented categories\{00021490-0000-0000-c000-000000000046}
 Opens key:
                           HKCR\clsid\{25336920-03f9-11cf-8fd0-00aa00686f13}\implemented
```

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categories\{00021490-0000-0000-c000-000000000046}
                                                                HKLM\software\microsoft\windows\currentversion\setup
    Opens key:
    Opens key:
                                                                HKLM \setminus system \setminus current control \setminus device classes \setminus \{53f5630d-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6b
94f2-00a0c91efb8b}
    Opens key:
                                                                HKLM \ system \ current control \ device classes \ \ \{53f5630d-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b
94f2-00a0c91efb8b}\properties
                                                                HKLM\software\microsoft\windows nt\currentversion\appcompatflags
    Opens key:
                                                                HKLM\software\microsoft\windows
nt\currentversion\appcompatflags\custom\iexplore.exe
    Opens key:
11e3-be65-806e6f6e6963}\
    Opens key:
                                                                HKLM\software\microsoft\directui
    Opens key:
                                                                HKCU\software\microsoft\authcookies\live\default\caw
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                                                                HKCU\software\microsoft\authcookies\live\default\didc
    Opens key:
                                                                HKCU\software\classes\interface\{7673b35e-907a-449d-a49f-e5ce47f0b0b2}
                                                                HKCR\interface\{7673b35e-907a-449d-a49f-e5ce47f0b0b2}
    Opens kev:
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    Opens kev:
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                                                                HKLM\software\policies\microsoft\internet explorer\tabbedbrowsing
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                                                                \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ internet\ explorer\+ tabbed browsing
    Opens key:
                                                                HKLM\software\microsoft\internet explorer\tabbedbrowsing
    Opens key:
                                                                \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ internet\ explorer\+ main\+ windows search
    Opens kev:
                                                                \label{lem:hklm} \verb+Kklm \+ software + microsoft + internet explorer + main + windows search
    Opens key:
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       Opens key:
                                                                                              HKLM\software\wow6432node\policies\microsoft\windows nt\rpc
                                                                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
      Opens key:
 settings\5.0\cache
      Opens key:
Opens kev:
33be-4251-ba85-6007caedcf9d}
      Opens key:
```

```
33be-4251-ba85-6007caedcf9d}\propertybag
                             HKLM\software\wow6432node\microsoft\windows
  Opens key:
nt\currentversion\profilelist
                             HKLM\software\wow6432node\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature_http_username_password_disable
                             HKLM\software\wow6432node\microsoft\internet
  Opens kev:
explorer\main\featurecontrol\retry_headeronlypost_onconnectionreset
  Opens key:
                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling
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  Opens key:
explorer\main\featurecontrol\feature_bypass_cache_for_credpolicy_kb936611
 Opens key:
                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature ignore mappings for credpolicy
                            HKLM\software\wow6432node\microsoft\internet
 Opens kev:
explorer\main\featurecontrol\feature_include_port_in_spn_kb908209
                             HKLM\software\wow6432node\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_bufferbreaking_818408
 Opens key:
                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature skip post retry on internetwritefile kb895954
                             HKLM\software\wow6432node\microsoft\internet
 Opens kev:
explorer \verb|\main| featurecontrol| feature\_fix\_chunked\_proxy\_script\_download\_kb843289
  Opens key:
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explorer\main\featurecontrol\feature_use_cname_for_spn_kb911149
  Opens key:
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explorer\main\featurecontrol\feature_allow_long_international_filenames
  Opens key:
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explorer\main\featurecontrol\feature_permit_cache_for_authenticated_ftp_kb910274
                             HKLM\software\wow6432node\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback
  Opens key:
                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_disallow_null_in_response_headers
  Opens key:
                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_digest_no_extras_in_uri
  Opens kev:
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explorer\main\featurecontrol\feature_enable_passport_session_store_kb948608
  Opens key:
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explorer\main\featurecontrol\feature_exclude_invalid_client_cert_kb929477
  Opens key:
                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_use_utf8_for_basic_auth_kb967545
                             HKLM\software\wow6432node\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature return failed connect content kb942615
  Opens kev:
                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_preserve_spaces_in_filenames_kb952730
  Opens kev:
HKLM \label{lem:hklm} Wow 6432 node \policies \microsoft \windows \current version \times the times \cite{lem:hklm}. The times \cite{lem:hklm} wow 6432 node \policies \microsoft \windows \microsoft \microsoft \windows \microsoft \microsof
                             HKLM\software\wow6432node\microsoft\internet
  Opens key:
explorer \verb|\main| feature control \verb|\feature_disable_notify_unverified_spn_kb2385266|
                             HKLM\software\wow6432node\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature_compat_use_connection_based_negotiate_auth_kb2151543
  Opens key:
                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_sch_send_aux_record_kb_2618444
  Opens key:
HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ appid\_catalog \ 1a677c0f-1473d5b3
  Opens key:
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  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries
Opens kev:
Opens key:
Opens key:
Opens key:
Opens kev:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol catalog9\catalog entries\000000000006
 Opens key:
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  Opens key:
Opens kev:
Opens key:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap col_catalog \\ \circ catalog \\ \circ catalog_entries \setminus 000000000010
  Opens key:
Opens key:
Opens key:
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Opens key:
Opens key:
Opens key:
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```

HKLM\software\wow6432node\microsoft\ole\appcompat

Opens key:

```
Opens key:
HKLM\software\wow6432node\microsoft\cryptography\defaults\provider\microsoft strong cryptographic
 provider
                                                                                                           HKLM\software\wow6432node\microsoft\cryptography\offload
        Opens key:
                                                                                                           HKCU \setminus software \setminus classes \setminus wow 6432 \\ node \setminus interface \setminus \{00000134-0000-0000-c000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c0000-c000-c000-c0000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c000-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-c00-
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       Opens key:
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       Opens key:
00000000046}\proxystubclsid32
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       Opens key:
e841904dc5a6}\proxvstubclsid32
                                                                                                           HKCR \setminus wow6432 node \setminus interface \setminus \{1ac7516e - e6bb - 4a69 - b63f - e6bb - 4a69 - b63f - e6bb - e6b
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                                                                                                           HKCU\software\classes\wow6432node\clsid\{a4a1a128-768f-41e0-hf75-
      Opens key
 e4fddd701cba}
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                                                                                                           HKCU \setminus software \setminus classes \setminus wow 6432 \\ node \setminus clsid \setminus \{a4a1a128-768f-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-
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       Opens kev:
                                                                                                           HKCR\wow6432node\clsid\{a4a1a128-768f-41e0-bf75-e4fddd701cba}\treatas
       Opens key:
                                                                                                           HKCU \setminus software \setminus classes \setminus wow 6432 node \setminus clsid \setminus \{a4a1a128-768f-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf75-41e0-bf
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       Opens key:
                                                                                                           HKCR\wow6432node\clsid\{a4a1a128-768f-41e0-bf75-
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       Opens key:
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       Opens kev:
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explorer\advancedoptions\disambiguation
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 $Opens\ key: \\ HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus policies \setminus active desktop$ 

Opens key: HKCU\software\microsoft\windows\currentversion\policies
Opens key: HKCU\software\microsoft\internet explorer\pagesetup
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Opens key: HKCU\software\microsoft\internet explorer\international\scripts\3

 $Opens\ key: \\ HKCU\software\microsoft\internet \\ explorer\min\featurecontrol\feature\_restrict\_filedownload$ 

Opens key: HKLM\software\wow6432node\microsoft\internet

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    Opens key:
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    Opens key:
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a5c5bc1c2ae6}\treatas
     Opens key:
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    Opens key:
                                                                         HKCU\software\classes\clsid\{c90250f3-4d7d-4991-9b69-
a5c5bc1c2ae6}\inprocserver32
                                                                         HKCR\clsid\{c90250f3-4d7d-4991-9b69-a5c5bc1c2ae6}\inprocserver32
    Opens key:
                                                                         HKCU\software\classes\clsid\{c90250f3-4d7d-4991-9b69-
    Opens key:
a5c5bc1c2ae6}\inprochandler32
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    Opens kev:
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    Opens key:
                                                                         HKCU\software\classes\wow6432node\interface\{b722bccb-4e68-101b-a2bc-
00aa00404770}
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00aa00404770}\proxystubclsid32
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    Opens key:
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00aa00404770}\proxystubclsid32
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    Opens key:
    Opens key:
                                                                         HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_enable_web_control_visuals
    Opens key:
                                                                         HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_enable_web_control_visuals
    Opens key:
b4ef-bd1dc332aeae}
b4ef-bd1dc332aeae}\propertybag
```

8648-d5d44b04ef8f} Opens key:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{f3ce0 f7c-4901-4acc-4901-4$ 

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5595fe6b30ee}\shellfolder
                                                              HKCR\clsid\{59031a47-3f72-44a7-89c5-5595fe6b30ee}\shellfolder
     Opens key:
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                                                              HKCU\software\classes\clsid\{d27cdb6e-ae6d-11cf-96b8-
444553540000}\inprocserver32
    Opens key:
                                                             HKCR\clsid\{d27cdb6e-ae6d-11cf-96b8-444553540000}\inprocserver32
    Opens key:
ae3b-bf251ea09b53}
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ae3b-bf251ea09b53}\propertybag
                                                              HKCU\software\classes\clsid\{f02c1a0d-be21-4350-88b0-7367fc96ef3c}
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    Opens kev:
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88h0-7367fc96ef3c3
    Opens key:
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850d-79d08e667ca7}
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    Opens key:
                                                              11cf-aaa5-00401c608501}\iexplore
    Opens key:
                                                              HKLM\software\policies\microsoft\internet explorer\caretbrowsing
    Opens key:
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    Opens key:
                                                              HKLM\software\policies\microsoft\internet explorer\suggested sites
    Opens key:
                                                              HKLM\software\policies\microsoft\internet explorer\flipahead
                                                              HKCU\software\microsoft\internet explorer\tabbedbrowsing\newtabpage
    Opens key:
    Opens key:
                                                              HKLM\software\clients\startmenuinternet\iexplore.exe\installinfo
    Opens key:
                                                              HKLM \setminus software \setminus microsoft \setminus windows runtime \setminus clsid \setminus \{591209c7-767b-42b2-9fba-12b4\} + (1990) \cdot (1
44ee4615f2c7}
    Opens key:
                                                              HKCR\activatableclasses\clsid\{591209c7-767b-42b2-9fba-44ee4615f2c7}
    Opens key:
                                                              HKCU\software\classes\clsid\{591209c7-767b-42b2-9fba-44ee4615f2c7}
                                                              HKCR\clsid\{591209c7-767b-42b2-9fba-44ee4615f2c7}
    Opens key:
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                                                              HKCU\software\classes\clsid\{591209c7-767b-42b2-9fba-
44ee4615f2c7}\treatas
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    Opens kev:
                                                              HKCU\software\classes\clsid\{591209c7-767b-42b2-9fba-
    Opens key:
44ee4615f2c7}\inprocserver32
                                                              HKCR\clsid\{591209c7-767b-42b2-9fba-44ee4615f2c7}\inprocserver32
    Opens key:
                                                              HKCU\software\classes\clsid\{591209c7-767b-42b2-9fba-
    Opens key:
44ee4615f2c7}\inprochandler32
    Opens key:
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                                                              HKCU\software\classes\clsid\{591209c7-767b-42b2-9fba-
44ee4615f2c7}\inprochandler
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                                                              HKCR \clsid \ \{591209c7-767b-42b2-9fba-44ee4615f2c7\} \label{eq:hkcr} \\
    Opens key:
                                                              HKCU\software\classes\http
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    Opens key:
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    Opens key:
```

 $HKCU \ software \ microsoft \ windows \ shell \ associations \ urlassociations \ http \ user choice$ Opens key: HKCU\software\classes\ie.http

Opens key: HKCR\ie.http

HKCR\ie.http\ Opens key:

HKCU\software\classes\ie.http\shell\open Opens key:

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Opens key: HKCU\software\classes\ie.http\shell\open\command

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Opens key: HKCR\ie.http\curver

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HKCU\software\microsoft\windows\currentversion\explorer\shell folders Opens kev: Opens key:

 $\label{twarewow6432} HKLM \label{twarewow6432} In the constant of the consta$ 1780-4ff6-bd18-167343c5af16}

Opens key:

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1780-4ff6-bd18-167343c5af16}\propertybag

Opens key: HKLM\software\wow6432node\oracle\javafx Opens key:  $\label{local-ham} \verb+HKLM\software\wow6432node\javasoft\java\ runtime\ environment\label{local-ham} \verb+local-ham-loc$ Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\jp2launcher.exe

Opens key: HKLM\software\wow6432node\microsoft\windows

nt\currentversion\appcompatflags\custom\jp2launcher.exe

Opens key:  $\label{lem:hklm} \verb+Kklm/system/currentcontrolset/control/network provider/hworder and the system and the syst$ 

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

options\java.exe

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

Opens key: HKLM\software\microsoft\windows

nt\currentversion\appcompatflags\custom\java.exe

Opens kev: HKLM\software\microsoft\cryptography\defaults\provider types\type 001

Opens key: HKCU\software\microsoft\internet explorer\user preferences

Opens key: HKLM\system\currentcontrolset\services\crypt32 Opens key:

HKLM\software\microsoft\windows nt\currentversion\image file execution options\conhost.exe

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

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Opens key:
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        Opens key:
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        Opens key:
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        Opens key:
                                                                                                             HKCU\console\c:_program files (x86)_java_jre7_bin_java.exe
                                                                                                             HKCU\console\c:\program files (x86)\java\jre7\bin\java.exe
       Opens key:
                                                                                                             HKLM\system\currentcontrolset\control\nls\codepage\eudccoderange
       Opens kev:
       Opens key:
                                                                                                             HKLM\software\wow6432node\microsoft\windows
nt\currentversion\appcompatflags\custom\awt.dll
       Opens key:
                                                                                                             HKLM\software\microsoft\windows
 nt\currentversion\appcompatflags\custom\awt.dll
                                                                                                             HKCU\software\microsoft\direct3d\drivers
       Opens key:
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       Opens key:
                                                                                                             HKLM\software\wow6432node\microsoft\direct3d\drivers\ramp emulation
                                                                                                             HKLM\software\wow6432node\microsoft\direct3d\drivers\rgb emulation
       Opens kev:
       Opens key:
                                                                                                             HKCU\system\currentcontrolset\control\graphicsdrivers\scheduler
                                                                                                             HKLM\software\wow6432node\microsoft\direct3d\shims
       Opens key:
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                                                                                                             HKCU\software\microsoft\direct3d\shims\maximizedwindowedmode
                                                                                                             HKLM \ software \ wow 6432 node \ microsoft \ direct draw \ gamma calibrator
       Opens key:
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       Opens key:
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HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\1a3e7dae-123fffde
       Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\1a3e7dae
       Opens key:
                                                                                                             HKLM\software\wow6432node\javasoft\java update\policy
       Opens key:
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       Opens key:
                                                                                                             HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus policies \setminus comdlg 32
       Opens key:
HKCU\software\microsoft\windows\currentversion\policies\comdlg32\placesbar
                                                                                                             HKLM\software\wow6432node\microsoft\windows
 nt\currentversion\fontsubstitutes
                                                                                                             HKCU\software\microsoft\windows\currentversion\thememanager
       Opens key:
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migration\providers\tcpip
       Opens kev:
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       Opens key:
                                                                                                             \label{lem:hklmsoftware} \begin{tabular}{ll} HKLM \end{tabular} software \begin{tabular}{ll} wow 6432 node \end{tabular} policies \begin{tabular}{ll} windows & nt \end{tabular} nt \begin{tabular}{ll} wow 6432 node \end{tabular} nt \begin{tabular}{ll} wow 6432
       Opens key:
                                                                                                             HKLM\software\policies\microsoft\windows nt\dnsclient
       Opens key:
                                                                                                             HKLM\software\wow6432node\policies\microsoft\system\dnsclient
       Opens key:
                                                                                                             HKLM\software\policies\microsoft\system\dnsclient
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
       Queries value:
options\iexplore.exe[usefilter]
                                                                                                             \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} in the constraint of the
       Oueries value:
options\iexplore.exe[disableheaplookaside]
      Queries value:
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\iexplore.exe[frontendheapdebugoptions]
                                                                                                             \label{lem:hklm} \mbox{HKLM\software\mbox{\sc microsoft\windows}\ nt\current\version\sc file\ execution}
       Queries value:
options\iexplore.exe[shutdownflags]
       Oueries value:
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\iexplore.exe[unloadeventtracedepth]
       Queries value:
                                                                                                             \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\iexplore.exe[tracingflags]
       Queries value:
                                                                                                            \label{lem:hklmsoftware} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} in the constraint of the constr
options\iexplore.exe[minimumstackcommitinbytes]
       Queries value:
                                                                                                             \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\iexplore.exe[breakoninitializeprocessfailure]
       Queries value:
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\iexplore.exe[keepactivationcontextsalive]
                                                                                                             \label{lem:hklm} \mbox{HKLM\software\mbox{\sc microsoft\windows} nt\current\version\sc file\ execution} \\
       Queries value:
options\iexplore.exe[trackactivationcontextreleases]
       Queries value:
                                                                                                             \label{lem:hklmsoftware} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} in the constant \end{tabular} in the 
 options\iexplore.exe[maxdeadactivationcontexts]
       Oueries value
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\iexplore.exe[globalflag]
       Queries value:
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\iexplore.exe[cwdillegalindllsearch]
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
       Queries value:
options\iexplore.exe[debugprocessheaponly]
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
       Queries value:
options\iexplore.exe[executeoptions]
       Oueries value:
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
options\iexplore.exe[disableexceptionchainvalidation]
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
       Oueries value:
options\iexplore.exe[searchpathmode]
       Oueries value:
HKLM \setminus software \setminus policies \setminus microsoft \setminus windows \setminus safer \setminus code identifiers [transparentenabled]
        Queries value:
                                                                                                             HKLM\system\currentcontrolset\control\nls\customlocale[empty]
       Queries value:
\label{language} HKLM \system \current controls et \control \nls \language [install language fall back]
        Queries value:
                                                                                                             HKLM\system\currentcontrolset\control\mui\uilanguages\en-us[type]
       Oueries value:
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us[alternatecodepage]
        Queries value:
                                                                                                             HKCU\control panel\desktop[preferreduilanguages]
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                                                                                                             HKCU\control panel\desktop\muicached[machinepreferreduilanguages]
       Queries value:
Queries value:
                                                                                                             HKLM\system\currentcontrolset\control\nls\sorting\versions[]
        Queries value:
                                                                                                             HKCU\software\microsoft\windows
nt\currentversion\appcompatflags[showdebuginfo]
       Queries value:
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
 options\dllnxoptions[usefilter]
                                                                                                             HKLM\software\microsoft\windows nt\currentversion\image file execution
       Queries value:
options\dllnxoptions[iexplore.exe]
       Queries value:
                                                                                                             HKLM\system\currentcontrolset\control\wmi\security[5c8bb950-959e-4309-
```

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8908-67961a1205d51
                        HKLM\software\wow6432node\microsoft\internet explorer\main[depoff]
 Queries value:
 Queries value:
                        HKLM\software\policies\microsoft\windows\currentversion\internet
settings[security_hklm_only]
                        HKLM\system\currentcontrolset\control\nls\customlocale[en-us]
 Queries value:
                        HKLM\system\currentcontrolset\control\nls\extendedlocale[en-us]
 Oueries value:
                        HKLM\system\currentcontrolset\control\nls\sorting\versions[000602xx]
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                        Oueries value:
                        HKLM\system\currentcontrolset\control\nls\sorting\ids[en]
                        HKLM\software\microsoft\windows
 Queries value:
nt\currentversion\gre_initialize[disablemetafiles]
 Queries value:
                        HKLM\software\wow6432node\microsoft\windows
nt\currentversion\compatibility32[iexplore]
 Oueries value:
                        HKLM\svstem\currentcontrolset\control\cmf\config[svstem]
                        HKLM\software\wow6432node\microsoft\windows
 Oueries value:
nt\currentversion\windows[loadappinit dlls]
                        HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicv[enabled]
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                        HKLM\system\currentcontrolset\control\lsa[fipsalgorithmpolicy]
```

 ${\tt HKLM \setminus software \setminus microsoft \setminus ole[pageallocatoruse system heap]}$ Oueries value:

HKLM\software\microsoft\ole[pageallocatorsystemheapisprivate] Queries value:

HKLM\software\microsoft\ole[aggressivemtatesting] Queries value:

Queries value:  $\label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ image file execution$ 

options\iexplore.exe[debugger]

Queries value:  $\label{lem:hklmsoftware} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} in the constant \end{tabular} in the$ 

options\iexplore.exe[uselargepages]

Queries value:  $\label{lem:hklmsoftware} \verb+MKLM+ software+ \verb+microsoft+ windows nt+ current version+ image file execution$ 

options\iexplore.exe[nodeoptions]

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

options\iexplore.exe[disablewakecharge]

Queries value:  $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM\software\mbox{\sc microsoft\windows} & nt\currentversion\mbox{\sc mage} & file execution \end{tabular}$ 

options\iexplore.exe[mitigationoptions]

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

 $\label{lem:hklm} \verb+Kklm/software/microsoft/windows/currentversion/side by side [prefer external manifest] \\$ 

Queries value: HKLM\software\microsoft\windows nt\currentversion\compatibility32[iexplore]

Queries value: HKLM\software\microsoft\windows

nt\currentversion\windows[loadappinit\_dlls]

HKLM\software\microsoft\internet explorer\low Queries value:

rights[protectedmodeoffforallzones]

Oueries value: HKCU\software\microsoft\internet explorer\main[tabprocgrowth]

Queries value: HKLM\software\microsoft\internet explorer\main[tabprocgrowth] Oueries value:  $HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus policies \setminus system[enablelua]$ 

Oueries value:

HKLM\software\microsoft\internet explorer\low rights[luaofflorieon]

HKCU\software\microsoft\internet Oueries value:

explorer\setup[havecreatedquicklaunchitems]

Oueries value:  ${\tt HKLM \ } system \verb| current control \verb| session manager[safedll search mode] \\$ Oueries value:

HKCU\software\microsoft\internet explorer\main[frametabwindow] Oueries value: HKLM\software\microsoft\internet explorer\main[frametabwindow] Oueries value: HKCU\software\microsoft\internet explorer\main[framemerging] Oueries value:  $\label{lem:hklm} \verb+Kklm \+ software \+ main[framemerging]$ Queries value: HKCU\software\microsoft\internet explorer\main[sessionmerging] Queries value: HKLM\software\microsoft\internet explorer\main[sessionmerging] Queries value: HKCU\software\microsoft\internet explorer\main[admintabprocs] HKLM\software\microsoft\internet explorer\main[admintabprocs] Queries value: HKCU\software\microsoft\internet explorer\main[hangrecovery] Queries value: HKLM\software\microsoft\internet explorer\main[hangrecovery] Queries value: Oueries value:

HKLM\software\microsoft\rpc[maxrpcsize]

HKLM\system\currentcontrolset\control\computername\activecomputername[computername]

Queries value: HKLM\system\setup[oobeinprogress] HKLM\system\setup[systemsetupinprogress] Queries value:

Queries value: HKLM\software\microsoft\sqmclient\windows[ceipenable]

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

Queries value: HKCU\software\microsoft\internet explorer\main[compatibilityflags]

HKCU\software\microsoft\windows Oueries value:

nt\currentversion\appcompatflags[acredir]

Oueries value: HKCU\software\microsoft\internet explorer\sqm[serverfreezeonupload]

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ (905e63b6-c1bf-494e-d1) \ for the constant \ folder \$ b29c-65b732d3d21a}[category]

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ (905e63b6-c1bf-494e-d1) \ for the constant \ folder \$ b29c-65b732d3d21a}[name]

Oueries value:

b29c-65b732d3d21a}[parentfolder]

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ (905e63b6-c1bf-494e-d1) \ for the constant \ folder \$ b29c-65b732d3d21a}[description]

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{905e63b6-c1bf-494e-descriptions \ 'explorer' \ folder \ fo$ b29c-65b732d3d21a}[relativepath]

b29c-65b732d3d21a}[parsingname]

Queries value:

b29c-65b732d3d21a}[infotip]

b29c-65b732d3d21a}[localizedname]

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ (905e63b6-c1bf-494e-d1) \ derdescriptions \ (905e6$ b29c-65b732d3d21a}[icon]

Oueries value:

b29c-65b732d3d21a}[security]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-c1bf-494eb29c-65b732d3d21a}[streamresource]

Queries value:

 $HKLM \setminus software \setminus irrosoft \setminus ir$ b29c-65b732d3d21a}[streamresourcetype]

Oueries value:

 $HKLM \label{lem:hklm} Which is the latest and the$ b29c-65b732d3d21a}[localredirectonly]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-c1bf-494eb29c-65b732d3d21a}[roamable]

Queries value:

 $HKLM \label{lem:hklm} Which is the latest and the$ b29c-65b732d3d21a}[precreate]

Queries value:

b29c-65b732d3d21a}[stream]

Queries value:

b29c-65b732d3d21a}[publishexpandedpath]

 $HKLM \ software \ microsoft \ windows \ current version \ (905e63b6-c1bf-494e-d1) \ derdescriptions \ (905e6$ b29c-65b732d3d21a}[attributes]

Oueries value:

b29c-65b732d3d21a}[foldertypeid]

Oueries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{905e63b6-c1bf-494e-descriptions \ 'explorer' \ folder \ fo$ b29c-65b732d3d21a}[initfolderhandler]

HKLM\software\microsoft\windows\currentversion[programfilesdir] Queries value: HKCU\software\microsoft\windows\currentversion\internet Queries value:

settings[syncmode5]

HKLM\software\microsoft\windows\currentversion\internet Oueries value:

settings\5.0\cache[sessionstarttimedefaultdeltasecs]

Oueries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} Software \label{lem:hklm} with the highest label{lem:hklm} Software \label{lem:hklm} Software \label{lem:h$ ba85-6007caedcf9d}[category]

Oueries value:

ba85-6007caedcf9d}[name]

Oueries value:

ba85-6007caedcf9d}[parentfolder]

Queries value:

ba85-6007caedcf9d}[description]

ba85-6007caedcf9d}[relativepath] Queries value:

ba85-6007caedcf9d}[parsingname]

Queries value:

ba85-6007caedcf9d}[infotip]

Oueries value:

ba85-6007caedcf9d}[localizedname]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-33be-4251ba85-6007caedcf9d}[icon]

Oueries value:

ba85-6007caedcf9d}[security]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-33be-4251ba85-6007caedcf9d}[streamresource]

Oueries value:

ba85-6007caedcf9d}[streamresourcetype]

Queries value:

ba85-6007caedcf9d}[localredirectonly]

ba85-6007caedcf9d}[roamable]

Queries value:

ba85-6007caedcf9d}[precreate]

Queries value:

ba85-6007caedcf9d}[stream]

```
ba85-6007caedcf9d}[publishexpandedpath]
    Queries value:
ba85-6007caedcf9d}[attributes]
    Oueries value:
ba85-6007caedcf9d}[foldertypeid]
    Oueries value:
HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-33be-4251-
ba85-6007caedcf9d}[initfolderhandler]
    Queries value:
                                                                   HKU\.default\software\microsoft\windows\currentversion\explorer\user
shell folders[cache]
    Oueries value:
                                                                   HKLM\software\microsoft\windows nt\currentversion\profilelist[default]
    Oueries value:
                                                                   HKCU\software\microsoft\windows\currentversion\explorer\user shell
folders[cache]
                                                                   HKCU\software\policies\microsoft\windows\currentversion\internet
   Oueries value:
settings[mbcsapiforcrack]
                                                                   HKLM\software\microsoft\internet
    Oueries value:
explorer\main\featurecontrol\feature http username password disable[iexplore.exel
    Queries value:
                                                                   HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_http_username_password_disable[*]
    Oueries value:
                                                                   HKCU\software\microsoft\internet
explorer\main\featurecontrol[feature_clientauthcertfilter]
    Oueries value:
                                                                  HKLM\software\microsoft\internet
explorer\main\featurecontrol[feature_clientauthcertfilter]
    Queries value:
                                                                   HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling[iexplore.exe]
                                                                   HKLM\software\microsoft\internet
    Queries value:
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback[iexplore.exe]
    Queries value:
                                                                   HKLM\software\microsoft\internet
explorer \verb|\main\featurecontrol\feature_disable_unicode_handle_closing_callback[*]|
    Oueries value:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings[fromcachetimeout]
                                                                   \label{lem:hklm} \verb+Kklm\+ software\+ policies\+ microsoft\+ windows\+ current version\+ internet
    Queries value:
settings[secureprotocols]
   Queries value:
                                                                   \label{lem:hkcu} \begin{tabular}{ll} HKCU \label{lem:hkcu} software \policies \microsoft \windows \current version \part \pa
settings[secureprotocols]
                                                                   \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet
   Queries value:
settings[secureprotocols]
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   Oueries value:
settings[certificaterevocation]
                                                                   HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[disablekeepalive]
   Queries value:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings[idnenabled]
   Queries value:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings[preconnectlimit]
    Oueries value:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings[preresolvelimit]
    Queries value:
                                                                   \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \current \c
settings[sqmhttpstreamrandomuploadpoolsize]
    Queries value:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings[cachemode]
    Queries value:
                                                                   HKLM\software\policies\microsoft\windows\currentversion\internet
 settings[enablehttp1_1]
    Queries value:
                                                                   HKCU\software\policies\microsoft\windows\currentversion\internet
settings[enablehttp1_1]
    Queries value:
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settings[enablehttp1_1]
    Oueries value:
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settings[proxyhttp1.1]
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settings[proxyhttp1.1]
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   Queries value:
settings[enablenegotiate]
                                                                   HKCU\software\microsoft\windows\currentversion\internet
    Oueries value:
settings[disablebasicoverclearchannel]
                                                                   HKCU\software\microsoft\windows\currentversion\internet
   Oueries value:
settings[clientauthbuiltinui]
    Oueries value:
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settings[enableautoproxyresultcache]
    Queries value:
                                                                   \label{lem:hkcu} \verb+KKCU\+software\+policies\+microsoft\+windows\+currentversion\+internet
settings[displayscriptdownloadfailureui]
    Queries value:
                                                                   \label{lem:hkcu} \verb+KKCU \software \policies \microsoft \windows \current version \normalisation \cite{thm:hkcu}. The third \cite{thm:hkcu} is the lemma \cite{thm:hkcu} and \cite{thm:hkcu} is the lemma \cite{thm:hkcu}. The third \cite{thm:hkcu} is the lemma \cite{thm:hkcu} is
settings[mbcsservername]
    Oueries value:
                                                                   HKCU\software\policies\microsoft\windows\currentversion\internet
settings[utf8servernameres]
    Queries value:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings[disableworkerthreadhibernation]
    Queries value:
                                                                   HKLM\software\microsoft\windows\currentversion\internet
settings[disableworkerthreadhibernation]
    Queries value:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings[disablereadrange]
    Oueries value:
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settings[socketsendbufferlength]
                                                                   HKCU\software\microsoft\windows\currentversion\internet
    Queries value:
settings[socketreceivebufferlength]
    Queries value:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
```

settings[keepalivetimeout]

```
Oueries value:
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settings[maxhttpredirects]
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   Queries value:
settings[maxconnectionsperserver]
   Queries value:
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settings[maxconnectionsperserver]
   Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[maxconnectionsper1_0server]
                                                HKLM\software\microsoft\windows\currentversion\internet
   Queries value:
settings[maxconnectionsper1 Oserver]
                                                HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[maxconnectionsperproxy]
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   Queries value:
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   Oueries value:
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settings[connecttimeout]
                                                HKLM\software\microsoft\windows\currentversion\internet
  Oueries value:
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                                                HKCU\software\microsoft\windows\currentversion\internet
   Oueries value:
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   Queries value:
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   Oueries value:
settings[sendtimeout]
   Oueries value:
                                                HKLM\software\microsoft\windows\currentversion\internet
settings[sendtimeout]
   Queries value:
                                                \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \current \c
settings[receivetimeout]
   Queries value:
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settings[receivetimeout]
                                                \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet
   Queries value:
settings[disablentlmpreauth]
   Oueries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
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                                                HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[certcachenovalidate]
   Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache[scavengecachefilelifetime]
                                                HKCU\software\policies\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache[scavengecachefilelimit]
  Oueries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache[scavengecachefilelimit]
                                                HKLM\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache[scavengecachefilelimit]
   Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[httpdefaultexpirytimesecs]
  Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[ftpdefaultexpirytimesecs]
   Queries value:
                                                \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet
settings[disablecachingofsslpages]
   Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[leashlegacycookies]
   Queries value:
                                                \label{lem:hkcu} \verb+KKCU \+ software \+ microsoft \+ windows \+ current \+ version \+ internet
settings[dialupuselansettings]
   Queries value:
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settings[dialupuselansettings]
   Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[sendextracrlf]
   Queries value:
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settings[wpadsearchalldomains]
                                                HKCU\software\microsoft\windows\currentversion\internet
   Oueries value:
settings[bypasshttpnocachecheck]
   Queries value:
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settings[bypasshttpnocachecheck]
                                                HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[bypasssslnocachecheck]
                                                HKLM\software\microsoft\windows\currentversion\internet
   Queries value:
settings[bypasssslnocachecheck]
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   Oueries value:
settings[enablehttptrace]
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  Oueries value:
settings[nocheckautodialoverride]
   Oueries value:
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settings[nocheckautodialoverride]
   Queries value:
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settings[dontusednsloadbalancing]
   Oueries value:
                                                HKLM\software\microsoft\windows\currentversion\internet
settings[dontusednsloadbalancing]
   Oueries value:
                                                HKLM\software\microsoft\windows\currentversion\internet
settings[sharecredswithwinhttp]
   Queries value:
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settings[mimeexclusionlistforcache]
   Queries value:
                                                \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \current \c
settings[headerexclusionlistforcache]
   Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[dnscacheenabled]
   Oueries value:
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settings[dnscacheentries]
   Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[dnscachetimeout]
   Queries value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[warnonpost]
```

```
Oueries value:
          HKCU\software\microsoft\windows\currentversion\internet
settings[warnalwaysonpost]
          HKCU\software\microsoft\windows\currentversion\internet
Queries value:
settings[warnonzonecrossing]
Queries value:
          HKCU\software\microsoft\windows\currentversion\internet
settings[warnonbadcertrecving]
          HKCU\software\microsoft\windows\currentversion\internet
Queries value:
settings[warnonpostredirect]
          \label{lem:hkcu} \verb+KKCU \software \verb+ microsoft \verb+ windows \verb+ current version \verb+ internet+ \\
Queries value:
settings[alwaysdrainonredirect]
          HKCU\software\microsoft\windows\currentversion\internet
Queries value:
settings[warnonhttpstohttpredirect]
          HKLM\software\microsoft\windows\currentversion\internet
Queries value:
settings[tcpautotuning]
Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[winsock registry version]
Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[namespace_callout]
Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[serial_access_num]
Queries value:
Queries value:
HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ protocol\_catalog 9 [num\_catalog\_entries 64]
Oueries value:
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HKLM \ system \ current controls et \ services \ win sock 2 \ parameters \ namespace\_catalog 5 \ [serial\_access\_num]
Oueries value:
HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ [num\_catalog\_entries 64]
Queries value:
HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ names pace\_catalog5 \ catalog\_entries 64 \ 000000000001 \ [library path]
Queries value:
HKLM \ system \ current control set \ services \ win sock 2 \ parameters \ name space\_catalog\_entries 64 \ 000000000001 [displaystring]
Queries value:
Queries value:
Queries value:
Queries value:
Oueries value:
Queries value:
Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries64\00000000001[providerinfo]
Queries value:
Oueries value:
Oueries value:
Queries value:
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Queries value:
Oueries value:
Queries value:
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Queries value:
Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries64\00000000003[addressfamily]
```

Queries value:

Queries value:

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Oueries value:

Oueries value:

Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries64\000000000004\displaystring1 Oueries value:

Oueries value:

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Queries value:

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 $HKLM \ system \ \ current control set \ services \ \ winsock 2 \ \ parameters \ \ namespace\_catalog5 \ \ \ catalog\_entries 64 \ \ \ 0000000000004 \ \ [version]$ Oueries value:

Queries value:

Queries value:

Queries value:

Oueries value:

Queries value:

 $HKLM \ system \ current control set \ services \ win sock 2 \ parameters \ name space\_catalog 5 \ catalog\_entries 64 \ 000000000005 [address family]$ Queries value:

Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries64\00000000005[enabled] Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries64\00000000005[version] Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries64\000000000005[storesserviceclassinfo] Queries value:

 $HKLM \ system \ current control set \ services \ win sock 2 \ parameters \ names pace\_catalog5 \ (catalog\_entries 64 \ 00000000005 \ [providerinfo]]$ Queries value:

 $HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ names pace\_catalog5 \ catalog\_entries 64 \ 0000000000006 [library path]$ Oueries value:

Queries value:

 $HKLM \ system \ \ current controls et \ services \ \ winsock 2 \ \ parameters \ \ namespace\_catalog5 \ \ \ catalog\_entries 64 \ \ \ 0000000000006 \ [providerid]$ Oueries value:

Queries value:

Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries64\000000000006[enabled] Queries value:

Oueries value:

Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries64\00000000006[providerinfo] Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters[ws2\_32numhandlebuckets]

Queries value:

HKLM\svstem\currentcontrolset\services\winsock2\parameters[ws2 32spincount1

HKLM\software\policies\microsoft\windows\currentversion\internet Oueries value:

settings[proxysettingsperuser]

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

settings[badproxyexpirestime]

Queries value: HKCU\software\microsoft\windows\currentversion\internet settings[enableautodial]

Queries value:

HKCU\software\microsoft\windows\currentversion\internet settings[nonetautodial]

Queries value:

HKCU\software\microsoft\windows\currentversion\internet settings[globaluseroffline]

Oueries value:

 ${\tt HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus internet}$ settings[disablebranchcache]

Queries value:

 $\label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet$ settings[usefirstavailable]

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

settings[enablefalsestart]

Queries value:

HKCU\software\microsoft\windows\currentversion\internet settings[combinefalsestartdata]

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

settings[disablefalsestartblacklist] Queries value: HKCU\software\microsoft\windows\currentversion\internet

settings[enforcep3pvalidity]

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

settings[migrateproxy]

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

settings[proxyenable]

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

settings[proxyserver]

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

settings[proxyoverride]

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

settings[autoconfigurl]

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

settings[autodetect]

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

settings\connections[savedlegacysettings]

HKLM\system\currentcontrolset\services\winsock\parameters[transports] Queries value: Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[mapping] Oueries value:

HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[mapping] HKCU\software\microsoft\windows\currentversion\internet Oueries value:

settings\connections[defaultconnectionsettings]

HKCU\software\microsoft\internet Queries value: explorer\searchscopes[showsearchsuggestionsinaddressglobal] Queries value: HKLM\software\microsoft\internet explorer\searchscopes[showsearchsuggestionsinaddressglobal]

Oueries value:  ${\tt HKLM \ } system \verb| current control set \verb| services \verb| winsock \verb| setup | \\$ 

migration\providers\tcpip6[winsock 2.0 provider id]

Oueries value:

 $HKLM \setminus system \setminus current control set \setminus services \setminus tcpip6 \setminus parameters \setminus winsock [minsock addrlength]$ 

Queries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{l} HKLM \end{tabular} winsock [used elayed acceptance] \\$ 

HKCU\software\microsoft\internet Queries value:

explorer\browseremulation[unattendloaded]

Oueries value: HKCU\software\microsoft\internet explorer\browseremulation[tldupdates] Oueries value:  $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} in the constraint of the cons$ Queries value: HKCU\software\microsoft\internet explorer\main[operationaldata]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{b4bfcc3a-db2c-424cb029-7fe99a87c641}[category]

Queries value:

b029-7fe99a87c641}[name1

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{b4bfcc3a-db2c-424cb029-7fe99a87c641}[parentfolder]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{b4bfcc3a-db2c-424cb029-7fe99a87c641}[description]

Queries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White$ b029-7fe99a87c641}[relativepath] Queries value:

b029-7fe99a87c641}[parsingname] Queries value:

b029-7fe99a87c641}[infotip]

b029-7fe99a87c641}[localizedname] Oueries value:

b029-7fe99a87c641}[icon]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{b4bfcc3a-db2c-424cb029-7fe99a87c641}[security]

Queries value:

b029-7fe99a87c641}[streamresource]

Oueries value:

 $\label{thm:local-continuous} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \folds \folds$ b029-7fe99a87c641}[streamresourcetype]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{b4bfcc3a-db2c-424cb029-7fe99a87c641}[localredirectonly]

Queries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} With the highest constant and the hard supportant that the hard support the hard support the hard support the hard support that the hard support the hard suppo$ b029-7fe99a87c641}[roamable]

Queries value:

b029-7fe99a87c641}[precreate]

b029-7fe99a87c641}[stream]

b029-7fe99a87c641}[publishexpandedpath]

Oueries value:

b029-7fe99a87c641}[attributes]

Oueries value:

b029-7fe99a87c641}[foldertypeid]

b029-7fe99a87c641}[initfolderhandler]

HKCU\software\microsoft\windows\currentversion\explorer\user shell

folders[desktop]

Oueries value:

87bd-30b759fa33dd}[category]

Oueries value:

87bd-30b759fa33dd}[name]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1777f761-68ad-4d8a-87bd-30b759fa33dd}[parentfolder]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1777f761-68ad-4d8a-87bd-30b759fa33dd}[description]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1777f761-68ad-4d8a-87bd-30b759fa33dd}[relativepath]

Queries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} With the highest example and the h$ 87bd-30b759fa33dd}[parsingname]

Oueries value:

87bd-30b759fa33dd}[infotip]

Queries value:

87bd-30b759fa33dd}[localizedname]

Queries value:

87bd-30b759fa33dd}[icon]

Oueries value:

87bd-30b759fa33dd}[security]

Oueries value:

87bd-30b759fa33dd}[streamresource]

Queries value:

 $HKLM \setminus software \setminus irrosoft \setminus ir$ 87bd-30b759fa33dd}[streamresourcetype]

Oueries value:

 $HKLM \label{lem:hklm} Which windows \verb|\currentversion| explorer \folder descriptions \verb|\currentversion| explorer \folder descriptions \folder \folder$ 87bd-30b759fa33dd}[localredirectonly]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1777f761-68ad-4d8a-87bd-30b759fa33dd}[roamable]

Queries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} With the highest example and the h$ 87bd-30b759fa33dd}[precreate] Queries value:

87bd-30b759fa33dd}[stream]

87bd-30b759fa33dd}[publishexpandedpath]

87bd-30b759fa33dd}[attributes]

Oueries value:

87bd-30b759fa33dd}[foldertypeid]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1777f761-68ad-4d8a-87bd-30b759fa33dd}[initfolderhandler]

Queries value:

HKCU\software\microsoft\windows\currentversion\explorer\user shell

folders[favorites]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-9afe-ea3317b67173}[category]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-9afe-ea3317b67173}[name]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-9afe-ea3317b67173}[parentfolder]

Oueries value:

 $HKLM \ software \ `microsoft \ 'windows \ 'current version \ 'explorer \ 'folder descriptions \ '5e6c858f-0e22-4760-1000' \ 'explorer' \ 'folder descriptions' \ 'folder des$ 9afe-ea3317b67173}[description]

Queries value:

9afe-ea3317b67173}[relativepath]

9afe-ea3317b67173}[parsingname]

Queries value:

9afe-ea3317b67173}[infotip1

Queries value:

9afe-ea3317b67173}[localizedname]

9afe-ea3317b67173}[icon]

Queries value:

9afe-ea3317b67173}[security]

Oueries value:

9afe-ea3317b67173}[streamresource]

Oueries value:

 $HKLM \ software \ `microsoft \ 'windows \ 'current version' \ explorer \ 'folder descriptions \ '\xi 5e6c858f-0e22-4760-1000 \ explorer \ 'folder descriptions' \ 'folder desc$ 9afe-ea3317b67173}[streamresourcetype]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-9afe-ea3317b67173}[localredirectonlv]

Oueries value:

 $HKLM \label{lem:hklm} Which is the latest and the$ 9afe-ea3317b67173}[roamable]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-9afe-ea3317b67173}[precreate]

Queries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} With the lem \label{lem:hklm} With the lem \label{lem:hklm} HKLM \label{lem:hklm} With the lem \label{lem:hkklm} HKLM \label{lem:hkklm} With the lem \label{le$ 9afe-ea3317b67173}[stream]

Queries value:

9afe-ea3317b67173}[publishexpandedpath]

Queries value:

9afe-ea3317b67173}[attributes]

Queries value:

9afe-ea3317b67173}[foldertypeid]

Oueries value:

9afe-ea3317b67173}[initfolderhandler]

Queries value: 1923240461-1905901954-2556564120-1001[profileimagepath]

Queries value:

9d55-7b8e7f157091}[category]

Oueries value:

9d55-7b8e7f157091}[name]

Oueries value:

 $HKLM \label{lem:hklm} Which is a constant, which is the sum of t$ 9d55-7b8e7f157091}[parentfolder]

Oueries value:

9d55-7b8e7f157091}[description]

Oueries value:

9d55-7b8e7f157091}[relativepath]

Queries value:

 $HKLM \label{lem:hklm} Which is a full derivative of the second of the$ 9d55-7b8e7f157091}[parsingname]

9d55-7b8e7f157091}[infotip] Queries value:

9d55-7b8e7f157091}[localizedname] Queries value:

9d55-7b8e7f157091}[icon]

Oueries value:

9d55-7b8e7f157091}[security]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{f1b32785-6fba-4fcf-9d55-7b8e7f157091}[streamresource]

Oueries value:

9d55-7b8e7f157091}[streamresourcetype]

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ \ folder descriptions \ \ \ \ ff 1b 32785 - 6fba - 4fcf - 1b 32785 - 6fba - 4fcf - 1b 32785 - 1b 32785$ 9d55-7b8e7f157091}[localredirectonly]

Oueries value:

9d55-7b8e7f157091}[roamable]

Queries value:

9d55-7b8e7f157091}[precreate]

9d55-7b8e7f157091}[stream]

Queries value:

9d55-7b8e7f157091}[publishexpandedpath]

Queries value:

9d55-7b8e7f157091}[attributes]

9d55-7b8e7f157091}[foldertypeid]

Queries value:

9d55-7b8e7f157091}[initfolderhandler]

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

folders[local appdata]

Queries value:  $\label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ ole\+ appcompat[raisedefaultauthnlevel]$ 

Queries value: HKLM\software\microsoft\ole[defaultaccesspermission]

Queries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{2b0f765d-c0e9-4171-descriptions \ `explorer \ `folder descriptions \ `explorer \ `folder \ `explorer \ `folder \ `explorer \ `explorer \ `folder \ `explorer \ `explore$ 908e-08a611b84ff6}[category]

Queries value:

 $HKLM \label{lem:hklm} Which is the latest and the$ 908e-08a611b84ff6}[name]

Queries value:

 $HKLM \setminus software \setminus irrosoft \setminus ir$ 908e-08a611b84ff6}[parentfolder]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}[description]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}[relativepath]

Oueries value:

 $HKLM \ software \ `microsoft \ 'windows \ 'current version \ 'explorer \ 'folder descriptions \ '\{2b0f765d-c0e9-4171-descriptions'\} \ 'explorer' \ 'folder descriptions' \ 'explorer' \ 'explorer'' \ 'explorer' \ 'explorer'' \ 'expl$ 908e-08a611b84ff6}[parsingname]

Queries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{2b0f765d-c0e9-4171-descriptions \ `folder descriptions \ `fo$ 908e-08a611b84ff6}[infotip]

908e-08a611b84ff6}[localizedname]

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{2b0f765d-c0e9-4171-descriptions\} \ for the software \ microsoft \ windows \ for the software \ microsoft \ microsoft$ 908e-08a611b84ff6}[icon]

 ${\tt HKLM \control\con$ Queries value: HKLM\software\microsoft\cryptography\defaults\provider\microsoft strong Queries value: cryptographic provider[type]

 $HKLM \label{lem:hklm} \label{lem:hklm} HKLM \label{lem:hklm} Software \label{lem:hklm} wicrosoft \label{lem:hklm} software \label{lem:hklm} \label{lem:hklm} icrosoft \label{lem:hklm} software \label{lem:hklm} \label{lem:hklm} \label{lem:hklm} \label{lem:hklm} \label{lem:hklm} with \label{lem:hklm} \label{lkm} \label{l$ Queries value: cryptographic provider[image path]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}[security]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}[streamresource]

Queries value:

908e-08a611b84ff6}[streamresourcetype]

Queries value:

908e-08a611b84ff6}[localredirectonly]

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{2b0f765d-c0e9-4171-descriptions \ `folder descriptions \ `fo$ 908e-08a611b84ff6}[roamable] Queries value:

908e-08a611b84ff6}[precreate] Oueries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{2b0f765d-c0e9-4171-descriptions \ `folder descriptions \ `fo$ 908e-08a611b84ff6}[stream]

Oueries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{2b0f765d-c0e9-4171-descriptions \ `folder descriptions \ `fo$ 908e-08a611b84ff6}[publishexpandedpath]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}[attributes1

Oueries value:

908e-08a611b84ff6}[foldertypeid]

 ${\tt HKLM \setminus software \setminus policies \setminus microsoft \setminus cryptography[privkey cachemaxitems]}$ Queries value:

Oueries value:

HKLM\software\policies\microsoft\cryptography[privkeycachepurgeintervalseconds]

Queries value: HKLM\software\policies\microsoft\cryptography[privatekeylifetimeseconds] Oueries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{2b0f765d-c0e9-4171-descriptions \ `explorer \ `folder descriptions \ `explorer \ `folder \ `explorer \ `e$ 908e-08a611b84ff6}[initfolderhandler]

HKCU\software\microsoft\windows\currentversion\explorer\user shell

Queries value: folders[cookies]

Queries value:

a03a-e3ef65729f3d}[category]

HKLM\software\microsoft\cryptography[machineguid] Queries value:

Queries value:

a03a-e3ef65729f3d}[name]

Oueries value:

a03a-e3ef65729f3d}[parentfolder]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6-

a03a-e3ef65729f3d}[description]

Queries value:

Queries value:

 $HKLM \software \mbox{$$3eb685db-65f9-4cf6-a03a-e3ef65729f3d}[parsing name] \\$ 

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6a03a-e3ef65729f3d}[infotip]

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\} \ [localized name]$ 

Oueries value:

 $\label{thm:hkk.mass} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \folder \$ 

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\} \ [security]$ 

Oueries value:

 $HKLM \software \mbox{$3eb685db-65f9-4cf6-a03a-e3ef65729f3d} [stream resource] \\$ 

Queries value: HKCR\interface\{00000134-0000-0000-00000000000046}\proxystubclsid32[]

 $Queries \ value: \\ HKLM\software\microsoft\rpc\extensions[ndroleextdll]$ 

Queries value: HKCR\interface\{1ac7516e-e6bb-4a69-b63f-e841904dc5a6}\proxystubclsid32[]

Queries value: HKLM\software\microsoft\com3[com+enabled]

Queries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} Which software \label{lklm} Which software \label{lklm} Wh$ 

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\} \ [local redirectionly]$ 

Queries value:

 $\label{lem:hklmsoftware} HKLM \software \ensurement \ensurements in \ensurements \ensurements$ 

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6a03a-e3ef65729f3d}[precreate]

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[stream]$ 

Queries value:

 $\label{thm:hklm:software} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \explorer \folder descriptions \folder \fol$ 

Oueries value:

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[folder type id]$ 

Queries value:

 $\label{thm:main} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \folder \folder$ 

Queries value: HKCR\clsid\{a4a1a128-768f-41e0-bf75-e4fddd701cba}[]

Queries value: HKCR\clsid\{a4a1a128-768f-41e0-bf75-

e4fddd701cba}\inprocserver32[inprocserver32]

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

folders[appdata]

Queries value: HKCR\clsid\{a4a1a128-768f-41e0-bf75-

 $e4fddd701cba\} \verb|\inprocserver32[threadingmodel]|$ 

Queries value: HKLM\software\microsoft\ole[maxsxshashcount]
Oueries value:

Queries value:

 $\label{thm:local-prop} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \eqref{d9dc8a3b-b784-432e-a781-5a1130a75963} \cite{Category} \eqref{d9dc8a3b-b784-432e-a781-5a1130a75963} \cite{Category} \eqref{d9dc8a3b-b784-432e-a781-5a1130a75963} \eqref{d9dc8a3b-$ 

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ finame \ label{eq:hklm}$ 

Queries value:

 $HKLM \software \mbox{$M$ icrosoft} \windows \current version \explorer \folder descriptions \folder \folder$ 

Queries value:

 $HKLM \software \mbox{$M$ icrosoft} \windows \current version \explorer \folder descriptions \folder descriptions \colored a 781-5a1130a75963 \folder \colored \colo$ 

Queries value:

 $HKLM \software \microsoft \windows \current version \explorer \folder descriptions \eqde 8a3b-b784-432e-a781-5a1130a75963 \[ relative path \]$ 

Queries value:

Queries value

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [infotip]$ 

Queries value

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [localized name]$ 

Queries value:

 $\label{lem:hklmsoftware} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \explorer \folder descriptions \folder \$ 

Oueries value:

 $\label{thm:main} HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432e-a781-5a1130a75963\}[security]$ 

Oueries value: a781-5a1130a75963}[streamresource] HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432ea781-5a1130a75963}[streamresourcetype]

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-d84b, d9dc8a3b-b784-432e-d84b, d9dc8a3b-b784b, d9dc8a4b, d9dc8a4$ 

a781-5a1130a75963}[localredirectonly]

Queries value: a781-5a1130a75963}[roamable]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432ea781-5a1130a75963}[precreate]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432ea781-5a1130a75963}[stream]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432ea781-5a1130a75963}[publishexpandedpath]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432ea781-5a1130a75963}[attributes]

Oueries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} With the highest example of the highest exampl$ a781-5a1130a75963}[foldertypeid]

Oueries value:

a781-5a1130a75963}[initfolderhandler]

Queries value: folders[history]

HKCU\software\microsoft\windows\currentversion\explorer\user shell

Oueries value:

categories\{00021493-0000-0000-c000-00000000046}\enum[implementing]

Oueries value:

categories64\{00021493-0000-0000-c000-00000000046}\enum[implementing]

Queries value:

HKCU\software\microsoft\windows\currentversion\explorer\discardable\postsetup\component categories\{00021494-0000-0000-c000-00000000046}\enum[implementing]

Oueries value:

HKCU\software\microsoft\windows\currentversion\explorer\discardable\postsetup\component categories64\{00021494-0000-0000-c000-00000000046}\enum[implementing]

HKCU\software\microsoft\windows\currentversion\ext\settings\{18df081c-Oueries value: e8ad-4283-a596-fa578c2ebdc3}[flags]

HKLM\software\microsoft\windows\currentversion\explorer\browser helper Oueries value: objects\{dbc80044-a445-435b-bc74-9c25c1c588a9}[nointernetexplorer]

Oueries value:  $\label{lem:hkcu} \begin{tabular}{ll} HKCU software \verb|\microsoft| windows \verb|\currentversion| ext \end{tabular} $$4 dbc 80044-400 (bc 80044-4000) (bc 80044-40$ a445-435b-bc74-9c25c1c588a9}[flags]

Queries value: HKCU\software\microsoft\internet

explorer\approvedextensionsmigration[timestamp]

Queries value: HKLM\software\microsoft\internet explorer\migration[ie installed date]

Queries value: HKCU\software\microsoft\internet

explorer\browseremulation[mscompatibilitymode]

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

explorer\security[disablesecuritysettingscheck]

HKCU\software\microsoft\windows\currentversion\internet Queries value: settings\zones\0[flags]

Queries value: settings\zones\1[flags]

HKCU\software\microsoft\windows\currentversion\internet

Queries value:

 $\label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet$ 

settings\zones\2[flags]

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

settings\zones\3[flags]

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

settings\zones\4[flags]

HKCU\software\microsoft\internet Oueries value:

explorer\main\featurecontrol\feature localmachine lockdown[iexplore.exe] Oueries value: HKLM\software\policies\microsoft\internet

explorer\security[disablefixsecuritysettings]

HKCU\software\microsoft\internet Queries value: explorer\security[disablefixsecuritysettings] HKLM\software\microsoft\internet Oueries value:

explorer\security[disablefixsecuritysettings]

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

settings[createuricachesize]

Queries value:  $\label{lem:hkcu} \verb+KKCU\+software\+policies\+microsoft\+windows\+currentversion\+internet$ 

settings[createuricachesize] Queries value:

HKCU\software\microsoft\windows\currentversion\internet settings[createuricachesize]

Queries value:

HKLM\software\microsoft\windows\currentversion\internet settings[createuricachesize]

Queries value:

HKLM\software\policies\microsoft\windows\currentversion\internet

settings[enablepunycode]

Queries value:  $\label{lem:hkcu} \verb+KKCU\+ software\+ policies\+ microsoft\+ windows\+ current version\+ internet$ 

settings[enablepunycode]

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

settings[enablepunycode]

Queries value:

HKLM\software\microsoft\windows\currentversion\policies\explorer[nopropertiesmycomputer]

```
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \label{thm:local_hammon} software \end{tabular} windows \current version \end{tabular} policies \end{tabular} explorer \cite{Allocal_hammon} and \cite{Allocal_hammon} explorer \cite{Allocal
     Queries value:
HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus policies \setminus explorer [no set folders]
     Oueries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nointerneticon]
     Queries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nocommongroups]
                                                                        HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
     Queries value:
08002b30309d}\shellfolder[attributes]
     Queries value:
                                                                        HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[callforattributes]
                                                                        HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
    Oueries value:
08002b30309d}\shellfolder[restrictedattributes]
                                                                        HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
    Queries value:
08002b30309d}\shellfolder[foldervalueflags]
     Queries value:
HKLM\software\microsoft\windows\currentversion\policies\nonenum[{20d04fe0-3aea-1069-a2d8-
08002b30309d}1
     Queries value:
HKCU \ software \ microsoft \ windows \ current version \ explorer \ mountpoints \ 2 \ cpc \ volume \ \{d5291c64-7c88-4c44, d1244, d2444, d24444, d2444, d24444, d2444, d2444, d24444, d24444, d24444, d2444, d24444, d24444, d24444, d24444, d24444, d24444, d24444, d24444, d24444, d24
 11e3-be65-806e6f6e6963}[data]
     Queries value:
HKCU \ software \ microsoft \ windows \ current version \ explorer \ mountpoints \ 2 \ cpc \ volume \ \{d5291c64-7c88-4cqc\} \ and \ d5291c64-7c88-4cqc \ and \
11e3-be65-806e6f6e6963}[generation]
     Queries value:
                                                                        HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-
409d6c4515e9}[drivemask]
     Queries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[dontshowsuperhidden]
     Queries value:
                                                                        HKCU\software\microsoft\windows\currentversion\explorer[shellstate]
     Queries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nowebview]
     Oueries value:
 HKLM\software\microsoft\windows\currentversion\policies\explorer[classicshell]
     Oueries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[separateprocess]
     Queries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nonetcrawling]
                                                                        HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidden]
     Queries value:
     Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showcompcolor]
    Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidefileext]
     Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[dontprettypath]
     Queries value
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showinfotip]
     Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[hideicons]
     Queries value
HKCU\software\microsoft\windows\currentversion\explorer\advanced[mapnetdrvbtn]
     Queries value:
\label{lem:hkcu} \verb+kkcu\software\microsoft\windows\currentversion\explorer\advanced\cite{lem:hkcu} explorer\advanced\cite{lem:hkcu}.
     Queries value:
                                                                        \label{lem:hkcu} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \explorer \advanced [filter] \end{tabular}
     Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showsuperhidden]
 HKCU\software\microsoft\windows\currentversion\explorer\advanced[separateprocess]
     Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[nonetcrawling]
     Queries value:
\label{thm:linear} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \explorer \advanced \cite{tabular} autocheck select] \end{tabular}
     Queries value:
\label{lem:hkcu} \verb+KKCU \software \verb+microsoft \verb+windows \verb+current version \verb+explorer \verb+ advanced[iconsonly]+ of the latest and the latest angle of the latest angle 
     Queries value:
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     Oueries value:
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     Oueries value:
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     Oueries value:
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\verb|nt\currentversion\language| pack\surrogatefallback[plane5]|
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explorer\main[tabprocgrowth]
      Queries value:
                                                                                       HKCR \ interface \ \{a168aadc-1674-49da-ad4f-4f27df8760d0\} \ proxystubclsid32[]
                                                                                        HKCR\clsid\{057eee47-2572-4aa1-88d7-60ce2149e33c}[]
      Queries value:
                                                                                       HKCR\clsid\{057eee47-2572-4aa1-88d7-
      Oueries value:
60ce2149e33c}\inprocserver32[inprocserver32]
                                                                                        HKCR\clsid\{057eee47-2572-4aa1-88d7-60ce2149e33c}\inprocserver32[]
      Queries value:
                                                                                        HKCR\clsid\{057eee47-2572-4aa1-88d7-
      Oueries value:
 60ce2149e33c}\inprocserver32[threadingmodel]
                                                                                        HKLM\software\wow6432node\microsoft\internet explorer\low
      Oueries value:
rights[luaofflorieon]
      Queries value:
                                                                                        \label{lem:hklmsoftware} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} in the constant \end{tabular} in the 
options\iexplore.exe[terminateonshutdown]
      Oueries value:
HKLM \ software \ microsoft \ windows \ current version \ policies \ nonenum \ [\{25336920-03f9-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0-11cf-8fd0
00aa00686f13}1
      Queries value:
                                                                                        \label{lem:hklmsoftware} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} windows \end{tabular} url $$ \end{tabular} and $$ \end{tabular} is the label $$ \end{tabular} windows \end{tabular} url $$ \end{tabular} and $$ \end{tabular} is the label $$ \end{tabular} url $$ \end{tabular} and $$ \end{tabular} url $
history[daystokeep]
                                                                                        HKCR\interface\{bfb070ce-95f2-4edb-bab5-4dad9e6a2905}\proxystubclsid32[]
       Queries value:
       Queries value:
                                                                                        HKCR\interface\{036438a5-d9ac-4353-a567-69298fdaa990}\proxystubclsid32[]
      Queries value:
                                                                                        HKCR \ | \ to see \ | \ d358f4e1 - 0465 - 4965 - 9dd5 - cae \ | \ d32c345 \ | \ proxystubclsid32[]
                                                                                        HKCR \ | \ HKCR \ | 
      Queries value:
      Queries value:
                                                                                        HKLM\software\wow6432node\microsoft\internet
 explorer\main[frametabwindow]
      Oueries value:
                                                                                        HKLM\software\wow6432node\microsoft\internet explorer\main[framemerging]
      Queries value:
                                                                                        HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| internet
explorer\main[sessionmerging]
      Queries value:
                                                                                       HKLM\software\wow6432node\microsoft\internet
explorer\main[admintabprocs]
                                                                                       HKCU\software\microsoft\windows\currentversion\internet
     Queries value:
settings[backgroundconnections]
                                                                                       HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| windows\\| current version\\| internet
     Oueries value:
settings[backgroundconnections]
                                                                                       HKLM\software\wow6432node\microsoft\windows\currentversion\internet
     Queries value:
settings\5.0\cache[sessionstarttimedefaultdeltasecs]
      Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-
33be-4251-ba85-6007caedcf9d}[category]
      Queries value:
33be-4251-ba85-6007caedcf9d}[name]
      Queries value:
33be-4251-ba85-6007caedcf9d}[parentfolder]
33be-4251-ba85-6007caedcf9d}[description]
      Queries value:
HKLM \label{lem:hklm} Which windows \current version \explorer \folder descriptions \cal{lklm} \footnote{thm:hklm} and \cal{lklm} \footnote{thm:hklm} \footnote{thm:
 33be-4251-ba85-6007caedcf9d}[relativepath]
      Oueries value:
33be-4251-ba85-6007caedcf9d}[parsingname]
      Oueries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-
33be-4251-ba85-6007caedcf9d}[infotip]
      Queries value:
33be-4251-ba85-6007caedcf9d}[localizedname]
      Oueries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-
33be-4251-ba85-6007caedcf9d}[icon]
```

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-33be-4251-ba85-6007caedcf9d}[security]

Queries value:

 $HKLM \software \wow 6432 node \mbox{$352481e8-33be-4251-ba85-6007} [stream resource] \\$ 

Queries value:

Queries value

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{352481e8-33be-4251-ba85-6007 caed \ folder descriptions\}]$ 

Queries value

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ 352481e8-33be-4251-ba85-6007 caed \ fpecreate]$ 

Queries value:

 $\label{thm:hklm} HKLM\software\wow6432\node\microsoft\windows\currentversion\explorer\folderdescriptions\cdot{352481e8-33be-4251-ba85-6007} [stream]$ 

```
Oueries value:
33be-4251-ba85-6007caedcf9d}[publishexpandedpath]
HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{352481e8-1644444, \ node \ nod
33be-4251-ba85-6007caedcf9d} [attributes]
33be-4251-ba85-6007caedcf9d}[foldertypeid]
  Queries value:
33be-4251-ba85-6007caedcf9d}[initfolderhandler]
                           HKLM\software\wow6432node\microsoft\internet
  Queries value:
explorer\main\featurecontrol\feature http username password disable[iexplore.exel
  Oueries value:
                           HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature http username password disable[*]
                           HKLM\software\wow6432node\microsoft\internet
  Oueries value:
explorer\main\featurecontrol[feature_clientauthcertfilter]
  Oueries value:
                           HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling[iexplore.exe]
  Queries value:
                           HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback[iexplore.exe]
  Oueries value:
                           HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback[*]
  Oueries value:
                           HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus internet
settings[disableworkerthreadhibernation]
  Queries value:
                           HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet
settings[maxconnectionsperserver]
                           HKLM\software\wow6432node\microsoft\windows\currentversion\internet
  Queries value:
settings[maxconnectionsper1_0server]
  Queries value:
                           HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[connecttimeout]
  Oueries value:
                           HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[connectretries]
  Queries value:
                           HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus internet
settings[sendtimeout]
 Queries value:
                           HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[receivetimeout]
                           HKLM \verb|\software\\| wow 6432 node \verb|\microsoft\\| windows \verb|\currentversion\\| internet
 Queries value:
settings\5.0\cache[scavengecachefilelimit]
                           HKLM\software\wow6432node\microsoft\windows\currentversion\internet
 Oueries value:
settings[dialupuselansettings]
                           HKLM\software\wow6432node\microsoft\windows\currentversion\internet
 Queries value:
settings[bypasshttpnocachecheck]
                           HKLM \verb|\software\\| wow 6432 node \verb|\microsoft\\| windows \verb|\currentversion\\| internet
 Queries value:
settings[bypasssslnocachecheck]
 Queries value:
                           HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[enablehttptrace]
  Queries value:
                           HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[nocheckautodialoverride]
  Queries value:
                           HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet
settings[dontusednsloadbalancing]
  Queries value:
                           HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet
settings[sharecredswithwinhttp]
  Queries value:
                           HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet
settings[tcpautotuning]
  Queries value:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ protocol\_catalog 9 \ [num\_catalog\_entries]
  Queries value:
Oueries value:
Queries value:
Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog_entries\000000000004[packedcatalogitem]
  Queries value:
Oueries value:
Oueries value:
Queries value:
Queries value:
Queries value:
Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[num_catalog_entries]
  Queries value:
Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[addressfamily]
```

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\00000000001[enabled]

Queries value:

- $\label{lem:hklmsystem} HKLM \system \current controls et \services \winsock 2 \parameters \names pace\_catalog 5 \catalog\_entries \names \nam$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000001[storesserviceclassinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000001[providerinfo]
  Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[librarypath]
   Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[displaystring]
   Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[providerid]
   Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000002[addressfamily] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[supportednamespace]
   Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[enabled] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000002[storesserviceclassinfo]
  Oueries value:
- $\label{lem:hklmsystem} HKLM \system \current controls et \services \winsock 2 \parameters \namespace\_catalog 5 \catalog\_entries \namespace\_catal$
- $\label{lem:hklm/system/current} HKLM\system\current controlset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[providerid]\ Queries\value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000003[addressfamily]
  Queries value:
- $\label{local-prop} HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[supported namespace]\ Queries\value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[enabled]
   Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[storesserviceclassinfo]
   Oueries value:
- $\label{librarypath} HKLM \system \current controls et \services \winsock 2 \parameters \names pace\_catalog5 \catalog\_entries \names \$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000004[displaystring]
  Oueries value:
- $\label{lem:hklmsystem} HKLM \system \current control set \services \winsock 2 \parameters \names pace\_catalog 5 \catalog\_entries \names \names \parameters \names \names$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[supportednamespace]
  Queries value:
- $\label{local-parameters} HKLM\system\current control set\services \winsock 2\parameters \names pace\_catalog 5 \catalog\_entries \names \names pace\_catalog 5 \catalog\_entries \names \n$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[version] Queries value:
- $HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ names pace\_catalog5 \ catalog\_entries \ 0000000000004 \ [storesservice class in fo] \ Queries \ value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000004[providerinfo]
   Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[librarypath] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[displaystring] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[addressfamily]

  Oueries value:
- WKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[supportednamespace]
  Oueries value:

- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[storesserviceclassinfo] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[providerinfo] Oueries value:
- $\label{lem:hklmsystem} HKLM \system \current controls et \services \winsock 2 \parameters \namespace\_catalog 5 \catalog\_entries \namespace\_library path] Queries \value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[displaystring] Oueries value:
- $\label{lem:hklm/system/current} HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[providerid]\ Queries\value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[addressfamily]
  Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[supportednamespace] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[enabled]
  Oueries value:

Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\internet

settings[disablebranchcache]

HKCU\software\microsoft\internet explorer\main[tabshutdowndelay] Queries value:

Queries value: HKLM\software\wow6432node\microsoft\internet

explorer\main[tabshutdowndelay]

Queries value:

HKLM\software\wow6432node\microsoft\cryptography\defaults\provider\microsoft strong cryptographic

provider[type] Queries value:

HKLM\software\wow6432node\microsoft\cryptography\defaults\provider\microsoft strong cryptographic

provider[image path]

HKCR\wow6432node\interface\{00000134-0000-0000-c000-Queries value:

00000000046}\proxystubclsid32[]

Queries value: HKCR\wow6432node\interface\{1ac7516e-e6bb-4a69-b63f-

e841904dc5a6}\proxystubclsid32[]

HKCR\wow6432node\clsid\{a4a1a128-768f-41e0-bf75-e4fddd701cba}[] Oueries value:

Oueries value: 

e4fddd701cba}\inprocserver32[inprocserver32]

 $HKCR \\ wow 6432 \\ node \\ clsid \\ \{a4a1a128-768f-41e0-bf75-41e0-b$ Oueries value:

e4fddd701cba}\inprocserver32[]

Oueries value: HKCR\wow6432node\clsid\{a4a1a128-768f-41e0-bf75-

e4fddd701cba}\inprocserver32[threadingmodel]

Queries value:

c1bf-494e-b29c-65b732d3d21a}[category]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ (905e63b6-1000) \ descriptions \ (905e63b6-10000) \ descriptions \ (905e63b6-10000) \ descriptions \ (905e63b6-10000) \ de$ 

c1bf-494e-b29c-65b732d3d21a}[name]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-

c1bf-494e-b29c-65b732d3d21a}[parentfolder]

Oueries value:

c1bf-494e-b29c-65b732d3d21a}[description]

Queries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Software \label{limits} Would \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limi$ 

c1bf-494e-b29c-65b732d3d21a}[relativepath]

Oueries value:

c1bf-494e-b29c-65b732d3d21a}[parsingname]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-

c1bf-494e-b29c-65b732d3d21a}[infotip]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{905e63b6-1008, 1$ 

c1bf-494e-b29c-65b732d3d21a}[localizedname] Queries value:

c1bf-494e-b29c-65b732d3d21a}[icon]

Queries value:

c1bf-494e-b29c-65b732d3d21a}[security]

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ (905e63b6-1000) \ descriptions \ (905e63b6-10000) \ descriptions \ (905e63b6-10000) \ descriptions \ (905e63b6-10000) \ de$ 

c1bf-494e-b29c-65b732d3d21a}[streamresource] Oueries value:

Oueries value:

c1bf-494e-b29c-65b732d3d21a}[streamresourcetype]

c1bf-494e-b29c-65b732d3d21a}[localredirectonly]

Queries value:

 $HKLM \setminus software \setminus wow 6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{905e63b6-1008\} \\ folder \\ folder \\ descriptions \setminus \{905e63b6-1008\} \\ folder \\ folder \\ descriptions \setminus \{905e63b6-1008\} \\ folder \\ folder \\ folder \\ folder \\ folder \\ fo$ 

c1bf-494e-b29c-65b732d3d21a}[roamable]

Oueries value:

 $HKLM \label{thm:local-soft-windows} HKLM \label{thm:local-windows} In the local description \label{thm:local-windows} Which \label{thm:local-windows} Which$ 

c1bf-494e-b29c-65b732d3d21a}[precreate]

Queries value:

c1bf-494e-b29c-65b732d3d21a}[stream]

Queries value:

c1bf-494e-b29c-65b732d3d21a}[publishexpandedpath]

Queries value:

c1bf-494e-b29c-65b732d3d21a}[attributes]

Queries value:

c1bf-494e-b29c-65b732d3d21a}[foldertypeid]

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ (905e63b6-1000) \ descriptions \ (905e63b6-10000) \ descriptions \ (905e63b6-10000) \ descriptions \ (905e63b6-10000) \ de$ 

c1bf-494e-b29c-65b732d3d21a}[initfolderhandler]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion[programfilesdir]

Queries value:

a0fb-4bfc-874a-c0f2e0b9fa8e}[category]

```
a0fb-4bfc-874a-c0f2e0b9fa8e}[name]
     Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[parentfolder]
     Oueries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[description]
     Oueries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[relativepath]
     Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[parsingname]
     Oueries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[infotip]
     Oueries value:
HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{7c5a40ef-microsoft\} \\ if the first interpretable is the first of the first interpretable in the first interpretable interpretable in the first interpretable interpretable in the first interpretable in th
a0fb-4bfc-874a-c0f2e0b9fa8e}[localizedname]
     Queries value:
HKLM \label{lem:hklm} Which was the simulation of the simulation
a0fb-4bfc-874a-c0f2e0b9fa8e}[icon]
     Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[security]
     Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[streamresource]
     Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[streamresourcetype]
     Oueries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{7c5a40ef-
a0fb-4bfc-874a-c0f2e0b9fa8e}[localredirectonly]
     Oueries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[roamable]
     Queries value:
HKLM \setminus software \setminus wow 6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{7c5a40ef-descriptions\} \setminus \{7c5a40
a0fb-4bfc-874a-c0f2e0b9fa8e}[precreate]
     Oueries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{7c5a40ef-
a0fb-4bfc-874a-c0f2e0b9fa8e}[stream]
     Oueries value:
HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{7c5a40ef-microsoft\} \\ if the first interpretable is the first of the first interpretable in the first interpretable interpretable in the first interpretable interpretable in the first interpretable in th
a0fb-4bfc-874a-c0f2e0b9fa8e}[publishexpandedpath]
     Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[attributes]
     Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[foldertypeid]
     Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[initfolderhandler]
                                                                           HKLM\software\wow6432node\microsoft\internet
     Queries value:
explorer\main\featurecontrol\feature_legacy_dispparams[iexplore.exe]
     Queries value:
                                                                          HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| internet
 explorer\main\featurecontrol\feature_legacy_dispparams[*]
     Oueries value:
                                                                          HKLM\software\wow6432node\microsoft\internet
 explorer\main\featurecontrol\feature_object_caching[iexplore.exe]
     Queries value:
                                                                          HKLM\software\wow6432node\microsoft\internet
 explorer\main\featurecontrol\feature document compatible mode[iexplore.exe]
                                                                          HKLM\software\wow6432node\microsoft\internet
     Queries value:
 explorer\main\featurecontrol\feature_document_compatible_mode[*]
                                                                          HKCU\software\microsoft\windows nt\currentversion\windows[dragdelay]
     Queries value:
                                                                           HKLM\system\currentcontrolset\control\wmi\security[9e3b3947-ca5d-4614-
     Oueries value:
91a2-7b624e0e7244]
     Oueries value:
                                                                           HKLM\system\currentcontrolset\control\wmi\security[7f8e35ca-68e8-41b9-
86fe-d6adc5b327e71
    Queries value:
                                                                           HKLM\software\wow6432node\microsoft\internet explorer\application
 compatibility[iexplore.exe]
                                                                           \label{lem:hkcu} \verb+KKCU\software\microsoft\mathcolor= explorer\mathcolor= explorer\m
     Oueries value:
     Queries value:
                                                                           HKCU\software\microsoft\internet explorer\domstorage[domainlimit]
     Queries value:
                                                                           \label{lem:hkcu} \verb+KKCU\software\microsoft\nternet explorer\main[useswrender]
     Oueries value:
HKLM\system\currentcontrolset\services\fontcache\parameters[clientcachesize]
      Oueries value:
                                                                           HKLM\software\wow6432node\microsoft\direct3d\drivers[size]
     Queries value:
                                                                           HKCR\wow6432node\interface\{bfb070ce-95f2-4edb-bab5-
4dad9e6a2905}\proxystubclsid32[]
                                                                           HKLM\software\wow6432node\microsoft\direct3d\drivers[name]
      Queries value:
HKLM\software\wow6432node\microsoft\direct3d\dx6textureenuminclusionlist[size]
HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus direct 3d \setminus dx 6 texture enuminclusion list [name]
     Oueries value:
                                                                           HKCR\wow6432node\interface\{036438a5-d9ac-4353-a567-
 69298fdaa990}\proxystubclsid32[]
                                                                          HKCR\wow6432node\interface\{d358f4e1-0465-4965-9dd5-
     Queries value:
cae303d2c345}\proxystubclsid32[]
     Queries value:
                                                                          HKCR\wow6432node\interface\{49296cad-92e6-43b2-abe1-
5d73d71d7ac9}\proxystubclsid32[]
```

```
HKLM\software\wow6432node\microsoft\windows\windows error
  Queries value:
reporting\wmr[disable]
   Queries value:
                                             HKCU\software\microsoft\internet explorer\main[enableprebinding]
                                             HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
  Queries value:
08002b30309d}\shellfolder[attributes]
  Oueries value:
                                             HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[callforattributes]
  Queries value:
                                             HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[restrictedattributes]
                                             HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
  Queries value:
08002b30309d}\shellfolder[foldervalueflags]
  Queries value:
                                             HKCR\wow6432node\clsid\{1f486a52-3cb1-48fd-8f50-b8dc300d9f9d}[]
                                             HKCR\wow6432node\clsid\{1f486a52-3cb1-48fd-8f50-
  Queries value:
b8dc300d9f9d}\inprocserver32[inprocserver32]
                                             HKCR\wow6432node\clsid\{1f486a52-3cb1-48fd-8f50-
  Oueries value:
b8dc300d9f9d}\inprocserver32[]
                                             HKCR\wow6432node\clsid\{1f486a52-3cb1-48fd-8f50-
  Oueries value:
b8dc300d9f9d}\inprocserver32[threadingmodel]
  Oueries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nofilemenu]
  Queries value:
                                             HKCU\software\microsoft\internet explorer\main[window title]
  Oueries value:
                                             \label{lem:hkcu} \verb+KKCU\software\microsoft\nternet explorer\minie[showstatusbar]
  Oueries value:
                                             \label{lem:hkcu} \mbox{\tt HKCU\software\mbox{\tt microsoft\internet explorer\mbox{\tt main[enable browser]}} \\
extensions]
  Oueries value:
                                             HKCU\software\microsoft\internet
explorer\toolbar\webbrowser[itbar7layout]
                                             HKCU\software\microsoft\internet explorer\minie[alwaysshowmenus]
  Queries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nobandcustomize]
  Queries value:
objects\{18df081c-e8ad-4283-a596-fa578c2ebdc3}[nointernetexplorer]
   Oueries value:
                                             HKLM\software\policies\microsoft\internet explorer[disableflashinie]
   Oueries value:
                                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_addon_management[iexplore.exe]
  Queries value:
                                             HKLM\software\wow6432node\microsoft\internet
\verb|explorer\main\featurecontrol\feature_addon_management[*]|
                                             HKCU\software\microsoft\internet explorer\approved extensions[{18df081c-
  Queries value:
e8ad-4283-a596-fa578c2ebdc3}]
                                             HKCR\wow6432node\clsid\{18df081c-e8ad-4283-a596-
  Queries value:
fa578c2ebdc3}\inprocserver32[1
                                             HKCR\wow6432node\clsid\{18df081c-e8ad-4283-a596-fa578c2ebdc3}[]
  Oueries value:
                                             HKCU\software\microsoft\windows\currentversion\ext\stats\{18df081c-e8ad-
  Queries value:
4283-a596-fa578c2ebdc3}\iexplore[count]
                                             HKCR\wow6432node\clsid\{18df081c-e8ad-4283-a596-
  Oueries value:
fa578c2ebdc3}\inprocserver32[inprocserver32]
                                             HKCR\wow6432node\clsid\{18df081c-e8ad-4283-a596-
  Oueries value:
fa578c2ebdc3}\inprocserver32[threadingmodel]
  Oueries value:
                                             HKCR\wow6432node\clsid\{06849e9f-c8d7-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b87d-4d59-b
784b7d6be0b3}\inprocserver32[]
  Queries value:
                                             HKCR \\ wow 6432 \\ node \\ clsid \\ \{06849 \\ e9f-c8d7-4d59-b87d-784b7d6be0b3\}[]
   Oueries value:
                                             HKCR\wow6432node\clsid\{06849e9f-c8d7-4d59-b87d-
784b7d6be0b3}\inprocserver32[inprocserver32]
                                             HKCR\wow6432node\clsid\{06849e9f-c8d7-4d59-b87d-
  Queries value:
784b7d6be0b3}\inprocserver32[threadingmodel]
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\browser helper
objects\{dbc80044-a445-435b-bc74-9c25c1c588a9}[nointernetexplorer]
  Queries value:
                                             HKCU\software\microsoft\internet explorer\approved extensions[{dbc80044-
a445-435b-bc74-9c25c1c588a9}]
                                             HKCR\wow6432node\clsid\{dbc80044-a445-435b-bc74-
  Oueries value:
9c25c1c588a9}\inprocserver32[]
  Queries value:
                                             HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus ext \setminus stats \setminus \{dbc80044 - a445 - a455 - a555 - 
435b-bc74-9c25c1c588a9}\iexplore[count]
                                             HKCR\wow6432node\clsid\{dbc80044-a445-435b-bc74-9c25c1c588a9}[]
  Queries value:
                                             HKCR\wow6432node\clsid\{dbc80044-a445-435b-bc74-
  Queries value:
9c25c1c588a9}\inprocserver32[inprocserver32]
                                             HKCR\wow6432node\clsid\{dbc80044-a445-435b-bc74-
  Oueries value:
9c25c1c588a9}\inprocserver32[threadingmodel]
                                             \label{local-equality} HKLM \software \wow6432 node \javas oft \java plug-in \normality 10.2.0 \[usenew] avaplugin]
  Oueries value:
                                             HKCU\software\microsoft\windows\currentversion\ext\stats\{18df081c-e8ad-
  Oueries value:
4283-a596-fa578c2ebdc3}\iexplore[loadtimearray]
                                             HKLM\software\wow6432node\javasoft\java runtime
  Oueries value:
environment\1.7.0_02[javahome]
  Queries value:
                                             HKCU\software\classes\wow6432node\clsid\{cafeefac-0017-0000-0002-
abcdeffedcba}\inprocserver32[]
  Queries value:
                                             HKCU\software\classes\wow6432node\clsid\{cafeefac-0017-0000-0002-
abcdeffedcbb}\inprocserver32[]
  Oueries value:
                                             abcdeffedcbc}\inprocserver32[]
   Queries value:
                                             00805f499d93}\inprocserver32[]
                                             HKCR\wow6432node\clsid\{cafeefac-0017-0000-0002-
  Queries value:
abcdeffedcba}\inprocserver32[]
  Queries value:
                                             HKCR\wow6432node\clsid\{cafeefac-0017-0000-0002-
abcdeffedcbb}\inprocserver32[]
  Oueries value:
                                             HKCR\wow6432node\clsid\{cafeefac-0017-0000-0002-
abcdeffedcbc}\inprocserver32[]
  Queries value:
                                             HKCR\wow6432node\clsid\{8ad9c840-044e-11d1-b3e9-
00805f499d93}\inprocserver32[]
                                             HKCU\software\microsoft\windows\currentversion\ext\stats\{dbc80044-a445-
  Queries value:
435b-bc74-9c25c1c588a9}\iexplore[loadtimearray]
```

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet$ Queries value:

settings[createuricachesize]

HKCU\software\microsoft\internet explorer\suggested Queries value:

sites[datastreamenabledstate]

Queries value: HKCU\software\microsoft\internet explorer\mao settings[discardloadtimes]

Oueries value: HKCU\software\microsoft\internet explorer\mao

settings[suppressperfbaruntil]

 $\label{local-equation} HKCR \ typelib \ \{5f226421-415d-408d-9a09-0dcd94e25b48\} \ 1.0 \ 0 \ win \ 32[]$ Queries value: Queries value:  $HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus ext \setminus stats \setminus \{18df081c - e8ad-te8ad$ 

4283-a596-fa578c2ebdc3}\iexplore[navtimearray]

HKCR\wow6432node\clsid\{e7e4bc40-e76a-11ce-a9bb-Queries value:

00aa004ae837}\inprocserver32[]

HKCR\wow6432node\clsid\{e7e4bc40-e76a-11ce-a9bb-Queries value: 00aa004ae837}\inprocserver32[loadwithoutcom]

HKCU\software\microsoft\internet explorer\mao Oueries value:

settings[addonloadtimethreshold]

HKCU\software\microsoft\windows\currentversion\shell Oueries value:

extensions\cached[{e7e4bc40-e76a-11ce-a9bb-00aa004ae837} {000214e6-0000-0000-c000-000000000046}

0xffff1

HKCR\wow6432node\clsid\{e7e4bc40-e76a-11ce-a9bb-00aa004ae837}[] Oueries value:

Queries value: 

00aa004ae837}\inprocserver32[inprocserver32]

Oueries value: HKCR\wow6432node\clsid\{e7e4bc40-e76a-11ce-a9bb-

00aa004ae837}\inprocserver32[threadingmodel]

Oueries value: HKLM\software\microsoft\windows\currentversion\policies\ratings[key]

Queries value:  $HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| internet$ explorer\main\featurecontrol\feature\_browser\_emulation[iexplore.exe] HKLM\software\wow6432node\microsoft\internet Queries value:

explorer\main\featurecontrol\feature\_browser\_emulation[\*] Queries value: HKCU\software\microsoft\internet explorer\browseremulation[allsitescompatibilitymode]

Queries value: HKLM\software\wow6432node\microsoft\internet

explorer\browseremulation[allsitescompatibilitymode] Oueries value: HKCU\software\microsoft\internet explorer\browseremulation[intranetcompatibilitymode]

Queries value: HKLM\software\wow6432node\microsoft\internet

explorer\browseremulation[intranetcompatibilitymode]

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

settings[specialfolderscachesize]

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

settings[specialfolderscachesize]

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

settings[specialfolderscachesize]

Oueries value: HKLM\software\wow6432node\microsoft\windows\currentversion\internet

settings[specialfolderscachesize] Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-

c0e9-4171-908e-08a611b84ff6}[category]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-

c0e9-4171-908e-08a611b84ff6}[name] Oueries value:

c0e9-4171-908e-08a611b84ff6}[parentfolder]

Queries value:  $\label{thm:local-continuous} HKLM \software \wow 6432 node \\ \mbox{microsoft} \windows \current version \explorer \folder descriptions \cdot{2b0f765d-microsoft} \end{continuous} \label{thm:local-continuous}$ 

c0e9-4171-908e-08a611b84ff6}[description]

c0e9-4171-908e-08a611b84ff6}[relativepath]

Oueries value: 

c0e9-4171-908e-08a611b84ff6}[parsingname]

Queries value: c0e9-4171-908e-08a611b84ff6}[infotip]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765dc0e9-4171-908e-08a611b84ff6}[localizedname1

Oueries value:

c0e9-4171-908e-08a611b84ff6}[icon]

Oueries value:

 $HKLM \label{lem:hklm} Which is a few and the lemma substitution of t$ c0e9-4171-908e-08a611b84ff6}[security]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765dc0e9-4171-908e-08a611b84ff6}[streamresource]

Oueries value:

c0e9-4171-908e-08a611b84ff6}[streamresourcetype]

c0e9-4171-908e-08a611b84ff6}[localredirectonly]

c0e9-4171-908e-08a611b84ff6}[roamable]

Oueries value:

c0e9-4171-908e-08a611b84ff6}[precreate]

Queries value:

```
c0e9-4171-908e-08a611b84ff6}[stream]
    Queries value:
c0e9-4171-908e-08a611b84ff6}[publishexpandedpath]
\label{thm:local-continuous} \begin{tabular}{ll} HKLM \end{tabular} Software \wow 6432 node \end{tabular} microsoft \windows \current version \end{tabular} explorer \folder descriptions \end{tabular} \end{tabular} \begin{tabular}{ll} 42b0f765d-fill \end{tabular} \begin{tabular}{l
c0e9-4171-908e-08a611b84ff6}[attributes]
    Queries value:
c0e9-4171-908e-08a611b84ff6}[foldertypeid]
    Oueries value:
HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{2b0f765d-16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 16444, 
c0e9-4171-908e-08a611b84ff6}[initfolderhandler]
                                                         HKCR\protocols\handler\about[clsid]
    Oueries value:
                                                         HKCR\wow6432node\clsid\{3050f406-98b5-11cf-bb82-00aa00bdce0b}[]
    Oueries value:
                                                         HKCR\wow6432node\clsid\{3050f406-98b5-11cf-bb82-
    Queries value:
00aa00bdce0b}\inprocserver32[inprocserver32]
                                                         HKCR\wow6432node\clsid\{3050f406-98b5-11cf-bb82-
    Queries value:
00aa00bdce0b}\inprocserver32[1
                                                         HKCR\wow6432node\clsid\{3050f406-98b5-11cf-bb82-
    Oueries value:
00aa00bdce0b}\inprocserver32[threadingmodel]
    Oueries value:
                                                         HKCU\software\microsoft\internet
explorer\browseremulation[localmachinecompatibilitymode]
    Queries value:
                                                         HKLM\software\wow6432node\microsoft\internet
explorer\browseremulation[localmachinecompatibilitymode]
    Queries value:
                                                         HKCU\software\microsoft\windows\currentversion\internet
settings[urlencoding]
    Queries value:
                                                         HKCU\software\microsoft\internet explorer[no3dborder]
    Queries value:
                                                         HKLM\software\wow6432node\microsoft\internet explorer[no3dborder]
    Queries value:
                                                         HKLM\software\policies\microsoft\windows\currentversion\internet
settings[urlencoding]
    Queries value:
                                                         \label{lem:hkcu} \verb+KKCU\+software\+policies\+microsoft\+windows\+currentversion\+internet
settings[urlencoding]
    Oueries value:
                                                         HKLM\software\microsoft\ole[maximumallowedallocationsize]
    Queries value:
                                                         HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| internet
explorer\main\featurecontrol\feature_mime_sniffing[iexplore.exe]
    Queries value:
                                                         HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_protocol_lockdown[iexplore.exe]
                                                         HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings\zones\3[2100]
                                                         HKCU\software\microsoft\windows\currentversion\internet
   Oueries value:
settings\zones\3[2703]
                                                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
   Queries value:
settings\zones\3[2703]
                                                         HKCU\software\microsoft\windows\currentversion\internet
    Queries value:
settings[istextplainhonored]
                                                         HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-00aa00686f13}[]
    Oueries value:
    Queries value:
                                                         HKCR \setminus wow 6432 \\ node \\ \clsid \\ \cl
00aa00686f13}\inprocserver32[inprocserver32]
                                                         HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-
    Oueries value:
00aa00686f13}\inprocserver32[]
    Queries value:
                                                         HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-
00aa00686f13}\inprocserver32[threadingmodel]
    Queries value:
                                                         HKCU\software\microsoft\windows
nt\currentversion\windows[dragscrollinset]
                                                         HKCU\software\microsoft\windows
    Queries value:
nt\currentversion\windows[dragscrolldelay]
                                                         HKCU\software\microsoft\windows
    Queries value:
nt\currentversion\windows[dragscrollinterval]
    Oueries value:
                                                         HKCU\software\microsoft\windows\currentversion\internet
settings\zonemap[ieharden]
    Queries value:
                                                         HKCU \setminus software \setminus microsoft \setminus internet \ explorer \setminus flip a head [notification delay]
    Queries value:
                                                         HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[2106]
    Queries value:
                                                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\3[2106]
    Queries value:
                                                         HKCU\software\microsoft\internet explorer\zoom[zoomdisabled]
    Oueries value:
                                                         HKCU\software\microsoft\internet explorer\zoom[resettextsizeonstartup]
    Oueries value:
                                                         HKCU\software\microsoft\internet explorer\zoom[resettextsizeonzoom]
    Oueries value:
                                                         HKCU\software\microsoft\internet explorer\zoom[resetzoomonstartup2]
    Oueries value:
                                                         HKCU\software\microsoft\internet explorer\zoom[zoomfactor]
                                                         Oueries value:
8e5d-49b724f1216f1
                                                         HKLM\system\currentcontrolset\control\wmi\security[954cc269-9c80-41b9-
    Oueries value:
a2cd-ce4c8ccf59a21
    Queries value:
                                                         HKLM\system\currentcontrolset\control\wmi\security[8a8b5246-6eb6-4339-
8b59-b0085b9f48901
    Queries value:
                                                         HKLM \verb|\software\\| wow 6432 node \verb|\microsoft\\| windows
nt\currentversion\windows[naturalinputhandler]
    Queries value:
                                                         HKCU\software\microsoft\internet
explorer\main[minimumsystemtimerresolution]
    Queries value:
                                                         HKLM\software\wow6432node\microsoft\internet
explorer\main[minimumsystemtimerresolution]
                                                         HKCU\software\microsoft\internet explorer\main[renderingloopmaxtime]
    Queries value:
    Queries value:
                                                         HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-00aa00686f13}\progid[]
                                                         HKLM\software\wow6432node\microsoft\internet
    Queries value:
explorer\main\featurecontrol\feature_safe_bindtoobject[iexplore.exe]
                                                         HKCU\software\microsoft\internet explorer[rtfconverterflags]
    Oueries value:
```

HKCU\software\microsoft\internet explorer\main[use\_dlgbox\_colors]

HKCU\software\microsoft\internet explorer\main[anchor underline]
HKCU\software\microsoft\internet explorer\main[css\_compat]

HKCU\software\microsoft\internet explorer\main[expand alt text]

Queries value:

Queries value:

Queries value: Queries value:

```
Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[display inline images]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[display inline videos]
   Queries value:
                                                     HKLM\software\wow6432node\microsoft\internet explorer\main[display
inline videos]
                                                     \label{local-operator} \mbox{HKCU\software\mbox{$\mbox{$\mbox{microsoft\internet} explorer\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[play_animations]
   Oueries value:
                                                     HKCU\software\microsoft\internet explorer\main[print_background]
   Queries value:
                                                     HKLM \setminus software \setminus wow 6432 node \setminus internet
   Queries value:
explorer\main[print_background]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[use stylesheets]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[smoothscroll]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[xmlhttp]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[show image placeholders]
                                                     HKCU\software\microsoft\internet explorer\main[disable script debugger]
   Oueries value:
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[disablescriptdebuggerie]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[disable diagnostics mode]
                                                     HKLM\software\wow6432node\microsoft\internet explorer\main[disable
   Oueries value:
diagnostics mode]
                                                     \label{local-equation} \mbox{HKCU\software\mbox{\sc microsoft\internet explorer\mbox{\sc main[move system caret]}} \label{local-equation}
   Oueries value:
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[enable autoimageresize]
   Oueries value:
                                                     HKCU\software\microsoft\internet explorer\main[usethemes]
   Oueries value:
                                                     HKCU\software\microsoft\internet explorer\main[usehr]
                                                     Oueries value:
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[cleanup htcs]
   Oueries value:
                                                     HKCU\software\microsoft\internet explorer\main[xdomainrequest]
   Queries value:
                                                     HKLM\software\wow6432node\microsoft\internet
explorer\main[xdomainrequest]
    Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[domstorage]
                                                     HKCU\software\microsoft\internet
   Queries value:
explorer\main[jscriptprofilecacheeventdelay]
   Queries value:
                                                     HKCU\software\microsoft\internet
explorer\international[default_codepage]
                                                     HKCU\software\microsoft\internet explorer\international[autodetect]
                                                     HKCU\software\microsoft\internet
explorer\international\scripts[default_iefontsizeprivate]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\settings[anchor color]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\settings[anchor color visited]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\settings[anchor color hover]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\settings[always use my colors]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\settings[always use my font
sizel
   Oueries value:
                                                     HKCU\software\microsoft\internet explorer\settings[always use my font
face1
                                                     HKCU\software\microsoft\internet explorer\settings[disable visited
   Oueries value:
hyperlinks]
                                                     HKCU\software\microsoft\internet explorer\settings[use anchor hover
   Queries value:
color1
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\settings[miscflags]
   Queries value:
                                                     HKCU\software\microsoft\windows\currentversion\policies[allow
programmatic cut_copy_paste]
   Queries value:
                                                    HKLM\software\policies\microsoft\windows\currentversion\internet
settings[disablecachingofsslpages]
   Queries value:
                                                    \label{thm:linear} \begin{tabular}{ll} HKCU \software \policies \microsoft \windows \current version \notation{ The proposed of the proposed
settings[disablecachingofsslpages]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\pagesetup[print_background]
   Queries value:
                                                     HKLM\system\currentcontrolset\control\nls\codepage[950]
                                                     HKCU\software\microsoft\internet
   Queries value:
explorer\international\scripts\3[iefontsize]
   Queries value:
                                                     HKCU\software\microsoft\internet
explorer\international\scripts\3[iefontsizeprivate]
   Oueries value:
                                                     HKCU\software\microsoft\internet
explorer\international\scripts\3[iepropfontname]
   Queries value:
                                                    HKCU\software\microsoft\internet
explorer\international\scripts\3[iefixedfontname]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\international[acceptlanguage]
   Queries value:
                                                     HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature restrict filedownload[iexplore.exe]
                                                    HKLM\software\wow6432node\microsoft\internet
   Oueries value:
explorer\main\featurecontrol\feature_restrict_filedownload[*]
                                                     HKCR\wow6432node\clsid\{a6b222ab-a5ea-4899-b230-084657eddc7d}[]
   Oueries value:
                                                     HKCR\wow6432node\clsid\{a6b222ab-a5ea-4899-b230-
   Oueries value:
084657eddc7d}\inprocserver32[inprocserver32]
                                                     HKCR\wow6432node\clsid\{a6b222ab-a5ea-4899-b230-
   Oueries value:
084657eddc7d}\inprocserver32[]
                                                     HKCR\wow6432node\clsid\{a6b222ab-a5ea-4899-b230-
   Queries value:
084657eddc7d}\inprocserver32[threadingmodel]
   Oueries value:
                                                     HKCR \ interface \ \{d3e09618-273f-4a13-a7d2-29f90ed68e8a\} \ proxystubclsid32[]
   Queries value:
                                                     HKCR \setminus wow 6432 \\ node \setminus interface \setminus \{d3e09618-273f-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-4a13-a7d2-4a13-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a13-a7d2-4a
29f90ed68e8a}\proxystubclsid32[]
   Queries value:
                                                    HKCR\wow6432node\clsid\{e569bde7-a8dc-47f3-893f-fd2b31b3eefd}\[]
   Queries value:
                                                     fd2b31b3eefd}\inprocserver32[inprocserver32]
                                                    HKCR\wow6432node\clsid\{e569bde7-a8dc-47f3-893f-
   Queries value:
fd2b31b3eefd}\inprocserver32[]
   Queries value:
                                                    fd2b31b3eefd}\inprocserver32[threadingmodel]
   Queries value:
                                                    HKLM\software\wow6432node\microsoft\internet explorer\version
vector[vml]
   Queries value:
                                                     HKLM \setminus software \setminus wow6432 node \setminus microsoft \setminus internet \ explorer \setminus version \ vector [ie]
   Queries value:
                                                     HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_zone_elevation[iexplore.exe]
   Queries value:
                                                     HKCU\software\microsoft\internet explorer\main[donottrack]
```

```
Oueries value:
                                     HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\user agent[]
                                     HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus internet
  Queries value:
settings\5.0\user agent[]
  Queries value:
                                     HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\user agent[compatible]
  Queries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\5.0\user agent[compatible]
                                     HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\user agent[version]
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\user agent[version]
                                     HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\user agent[platform]
  Oueries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\5.0\user agent[platform]
                                     HKLM\software\wow6432node\microsoft\windows\tablet pc[istabletpc]
  Oueries value:
  Queries value:
                                     {\tt HKCR} \verb| mime | database | content type | text/xml[clsid]
                                     HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\zones\3[2700]
  Queries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\3[2700]
  Oueries value:
                                     HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_xssfilter[iexplore.exe]
  Oueries value:
                                     HKCR\wow6432node\clsid\{16d51579-a30b-4c8b-a276-0ff4dc41e755}[]
  Queries value:
                                     HKCR\wow6432node\clsid\{16d51579-a30b-4c8b-a276-
Off4dc41e755}\inprocserver32[inprocserver32]
  Queries value:
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Off4dc41e755}\inprocserver32[]
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  Queries value:
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8bc445b9828f}\inprocserver32[inprocserver32]
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  Queries value:
8bc445b9828f}\inprocserver32[]
                                     HKCR\wow6432node\clsid\{842a1268-6e6a-465c-868f-
  Oueries value:
8bc445b9828f}\inprocserver32[threadingmodel]
                                     HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\zones[securitysafe]
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  Queries value:
  Oueries value:
                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[icon]
  Queries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[minlevel]
  Oueries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[recomme
                                    ndedlevel
  Oueries value:
                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[currentlevel]
  Queries value:
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settings\zones\1[icon]
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  Queries value:
settings\zones\1[minlevel]
                                     HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus internet
  Queries value:
settings\zones\1[recommendedlevel]
  Queries value:
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settings\zones\1[currentlevel]
  Queries value:
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settings\zones\1[2500]
  Queries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\1[2500]
                                     HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\zones\2[icon]
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
  Oueries value:
settings\zones\2[minlevel]
  Oueries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentyersion\internet
settings\zones\2[recommendedlevel]
  Queries value:
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settings\zones\2[currentlevel]
  Queries value:
                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\2[2500]
  Queries value:
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settings\zones\2[2500]
  Queries value:
                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[icon]
  Queries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\3[minlevel]
                                     HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet
  Queries value:
settings\zones\3[recommendedlevel]
                                     HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\zones\3[currentlevel]
  Queries value:
                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[2500]
  Oueries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\3[2500]
                                     HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\zones\4[icon]
  Queries value:
                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
```

```
settings\zones\4[minlevel]
                                                 HKLM\software\wow6432node\microsoft\windows\currentversion\internet
   Queries value:
settings\zones\4[recommendedlevel]
   Queries value:
                                                 HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[currentlevel]
   Oueries value:
                                                 HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[2500]
   Queries value:
                                                 HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus internet
settings\zones\4[2500]
   Queries value:
                                                 HKCR\wow6432node\interface\{00020400-0000-0000-c000-
00000000046}\proxystubclsid32[]
   Queries value:
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   Queries value:
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00000000046}\inprocserver32[inprocserver32]
   Queries value:
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000000000046}\inprocserver32[]
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   Oueries value:
00000000046}\inprocserver32[threadingmodel]
   Oueries value:
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                                                 HKLM\software\microsoft\sqmclient\windows[studyid]
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   Queries value:
                                                 HKLM\software\microsoft\telemetryclient\samplestore\sqm[sampledout]
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   Oueries value:
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   Oueries value:
                                                 HKCR\clsid\{3cb169b3-17d9-4e47-8b93-2878998f69a2}\inprochandler32[]
   Queries value:
                                                 \label{local-eq:hkcr-interface-local-eq} \\ \text{HKCR} \\ \text{interface} \\ \{00020400-0000-0000-0000-0000000000046\} \\ \text{proxystubclsid32[]} \\ \text{HKCR} \\ \text{interface} \\ \text{proxystubclsid32[]} \\ \text{proxystubclsid32[]} \\ \text{True face} \\ \text{proxystubclsid32[]} \\ \text{True face} 
   Oueries value:
   Queries value:
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0080c7f4ee85}\proxystubclsid32[]
                                                 HKCR\clsid\{00020420-0000-0000-c000-00000000046}[]
   Oueries value:
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   Queries value:
00000000046}\inprocserver32[inprocserver32]
   Queries value:
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   Queries value:
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00000000046}\inprocserver32[inprocserver32]
   Oueries value:
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                                                 HKCR\clsid\{00020420-0000-0000-c000-
   Queries value:
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  Queries value:
explorer\main\featurecontrol\feature mshtml autoload ieframe[iexplore.exe]
   Oueries value:
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explorer\main\featurecontrol\feature_mshtml_autoload_ieframe[*]
                                                 HKCU\software\microsoft\windows\currentversion\internet
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settings\zones\3[1400]
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0080c7f4ee85}\typelib[]
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   Queries value:
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   Queries value:
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   Oueries value:
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explorer\browseremulation[cvlistxmlversionlow]
   Queries value:
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explorer\browseremulation[cvlistxmlversionhigh]
   Queries value:
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                                                 HKCU\software\microsoft\internet
   Oueries value:
explorer\browseremulation[iecompatversionlow]
   Queries value:
                                                 HKCU\software\microsoft\internet
explorer\browseremulation[iecompatversionhigh]
   Queries value:
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   Queries value:
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settings[warnonintranet]
                                                 HKCU\software\policies\microsoft\windows\currentversion\internet
  Oueries value:
settings[warnonintranet]
   Oueries value:
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settings[warnonintranet]
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   Oueries value:
settings\zonemap[autodetect]
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f4ceaaf59cfc}\inprocserver32[inprocserver32]
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   Queries value:
f4ceaaf59cfc}\inprocserver32[]
   Queries value:
                                                HKCR\wow6432node\clsid\{50d5107a-d278-4871-8989-
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Ofb58b01c4a4}\languageprofile\0x00000000\{0001bea3-ed56-483d-a2e2-aeae25577436}[enable]
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   Oueries value:
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fa359598e1c5}\inprocserver32[inprocserver32]
   Queries value:
                                                 HKCR\wow6432node\clsid\{54e211b6-3650-4f75-8334-
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fa359598e1c5}\inprocserver32[]
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                                                                                    HKCR\wow6432node\clsid\{79dea627-a08a-43ac-8ef5-
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      Queries value:
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      Queries value:
                                                                                    HKLM\software\microsoft\com3[gipactivitybypass]
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      Oueries value:
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explorer\main[contentlayercacheexpansion]
      Oueries value:
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 explorer\main[predictedviewchangethreshold]
      Oueries value:
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explorer\main[predictedviewchangethresholdpaint]
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HKLM\software\microsoft\windowsruntime\activatableclassid\windows.security.credentials.passwordvault[clsid]
      Queries value:
                                                                                    bc5a64205af2}[activatableclassid]
      Queries value:
HKLM \setminus software \setminus wirros oft \setminus windows runtime \setminus activatable class id \setminus windows . security . credentials . password vault [activation type]
      Queries value
HKLM \setminus software \setminus microsoft \setminus windows runtime \setminus activatable classid \setminus windows . security . credentials . password vault [threading] threading the software \setminus microsoft \setminus windows . security . credentials . password vault [threading] threading the software \setminus microsoft \setminus windows . security . credentials . password vault [threading] threading . The software \setminus microsoft \setminus windows . security . Credentials . password vault [threading] threading . The software \text{ windows . security . Credentials . password vault [threading] threading . The software \text{ windows . security . Credentials . password vault [threading] threading . The software \text{ windows . security . Credentials . password vault [threading] threading . The software \text{ windows . Security . Credentials . Password vault [threading] threading . The software . The softwa
HKLM \label{lem:hklm} Which is a constant and the latest and the
HKLM \label{lem:hklm} Which is the lattice of the
      Oueries value:
HKLM \label{lem:hklm} Which is a constant and in the latest and 
                                                                                    HKLM\system\currentcontrolset\control\wmi\security[7fdd167c-79e5-4403-
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      Queries value:
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     Oueries value:
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settings\zones\3[1c00]
     Oueries value:
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 settings\zones\3[1c00]
                                                                                    HKLM\software\wow6432node\microsoft\internet
     Queries value:
 explorer\main\featurecontrol\feature_activex_repurposedetection[iexplore.exe]
      Queries value:
                                                                                    HKLM\software\wow6432node\microsoft\internet
 explorer\main\featurecontrol\feature_activex_repurposedetection[*]
      Oueries value:
                                                                                    HKCU\software\microsoft\windows\currentversion\internet
 settings\zones\3[1207]
      Oueries value:
                                                                                    HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| windows\\| current version\\| internet
settings\zones\3[1207]
      Queries value:
                                                                                    \label{local-equation} HKCR\wow6432 node \clsid \
      Queries value:
                                                                                    HKLM\software\policies\microsoft\windows\currentversion\internet
 settings[cointernetcombineiuricachesize]
                                                                                    HKCU\software\policies\microsoft\windows\currentversion\internet
      Queries value:
 settings[cointernetcombineiuricachesize]
      Queries value:
                                                                                    \label{lem:hkcu} \verb+KKCU \software \verb+ microsoft \verb+ windows \verb+ current version \verb+ internet+ \\
 settings[cointernetcombineiuricachesize]
      Oueries value:
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settings[cointernetcombineiuricachesize]
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compatibility\{08b0e5c0-4fcb-11cf-aaa5-00401c608501}[compatibility flags]
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compatibility\{08b0e5c0-4fcb-11cf-aaa5-00401c608501}[miscstatus flags]
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settings\zones\3[120b]
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      Oueries value:
settings\zones\3[1208]
     Oueries value:
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 explorer\main\featurecontrol\feature restrict activexinstall[iexplore.exel
      Queries value:
                                                                                    HKLM\software\wow6432node\microsoft\internet
\verb|explorer| \verb|main| featurecontrol| feature_restrict_active xinstall[*]|
                                                                                    \label{local-equation} HKCR \land wow6432 node \\ clsid \land \{08b0e5c0-4fcb-11cf-aaa5-00401c608501\} \land treatas[]
      Oueries value:
      Queries value:
                                                                                    abcdeffedcbb}[1
      Queries value:
                                                                                    HKCU\software\classes\wow6432node\clsid\{cafeefac-0017-0000-0002-
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 environment\1.7.0_02[eula]
      Queries value:
                                                                                    HKLM\software\wow6432node\javasoft\java plug-
 in\10.2.0[usejava2iexplorer]
      Queries value:
                                                                                    \label{lem:hkcu} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \ext \stats \end{tabular} \begin{tabular}{ll} 408b0e5c0-4fcb-1000 \mbox{\current version} \end{tabular} \begin{tabular}{ll} 408b0e5c0-4fcb-1000 \mbox{\current version} \mbox{\current version} \end{tabular} \begin{tabular}{ll} 408b0e5c0-4fcb-1000 \mbox{\current version} \mbox
 11cf-aaa5-00401c608501}\iexplore[count]
      Queries value:
                                                                                    HKCU\software\microsoft\windows\currentversion\internet
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settings\zones\3[2000]

HKLM\software\wow6432node\microsoft\windows\currentversion\internet Queries value:

settings\url history[daystokeep]

HKLM\software\wow6432node\microsoft\internet explorer\feed Queries value:

discovery[enabled]

Queries value: HKCU\software\microsoft\ftp[use web based ftp]

HKCU\software\microsoft\internet Queries value:

explorer\services[selectionactivitybuttondisable]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{f1b32785-6fba-4fcf-9d55-7b8e7f157091}[category]

Queries value:

6fba-4fcf-9d55-7b8e7f157091}[name]

Oueries value:

6fba-4fcf-9d55-7b8e7f157091}[parentfolder]

Queries value:

6fba-4fcf-9d55-7b8e7f157091}[description]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{f1b32785-b2785$ 6fba-4fcf-9d55-7b8e7f157091}[relativepath]

Queries value:

6fba-4fcf-9d55-7b8e7f157091}[parsingname]

Queries value:

6fba-4fcf-9d55-7b8e7f157091}[infotip]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{f1b32785-b2785-b2786, \ b2786, \ b2$ 6fba-4fcf-9d55-7b8e7f157091}[localizedname]

Oueries value:

6fba-4fcf-9d55-7b8e7f157091}[icon]

Oueries value:

6fba-4fcf-9d55-7b8e7f157091}[security]

Queries value:

 $HKLM \setminus software \setminus wow 6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus ffb \\ 32785 - fixed \\ microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus ffb \\ 32785 - fixed \\ microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus ffb \\ and \\ descriptions \\ descr$ 6fba-4fcf-9d55-7b8e7f157091}[streamresource]

Oueries value:

6fba-4fcf-9d55-7b8e7f157091}[streamresourcetype]

Queries value:

 $HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{f1b32785-1000\} \\ f1b32785-1000 \\ f1b32785-1$ 6fba-4fcf-9d55-7b8e7f157091}[localredirectonlv]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{f1b32785-b2785$ 6fba-4fcf-9d55-7b8e7f157091}[roamable] Queries value:

6fba-4fcf-9d55-7b8e7f157091}[precreate] Queries value:

6fba-4fcf-9d55-7b8e7f157091}[stream]

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{f1b32785-b2785-b2786, \ b2786, \ b2$ 6fba-4fcf-9d55-7b8e7f157091}[publishexpandedpath] Oueries value:

 $HKLM \label{lem:hkk} In the latest and the latest$ 6fba-4fcf-9d55-7b8e7f157091}[attributes]

Queries value:

6fba-4fcf-9d55-7b8e7f157091}[foldertypeid]

Queries value:

 $HKLM \setminus software \setminus wow 6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus ffb \\ 32785 - fixed \\ microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus ffb \\ 32785 - fixed \\ microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus ffb \\ and \\ descriptions \\ descr$ 6fba-4fcf-9d55-7b8e7f157091}[initfolderhandler]

Oueries value:

 $HKLM\software\wow6432$ node\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-instance} 0e22-4760-9afe-ea3317b67173}[category]

Queries value:

 $HKLM\software\wow6432$ node\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-instance} 0e22-4760-9afe-ea3317b67173}[name]

Queries value:

0e22-4760-9afe-ea3317b67173}[parentfolder]

Queries value:

0e22-4760-9afe-ea3317b67173}[description]

0e22-4760-9afe-ea3317b67173}[relativepath]

0e22-4760-9afe-ea3317b67173}[parsingname]

Oueries value:

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 HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ (d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3
b784-432e-a781-5a1130a75963}[precreate]
           Oueries value:
 HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ (d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3b-d9dc8a3
 b784-432e-a781-5a1130a75963}[stream]
           Queries value:
 HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-descriptions\} \ description \ descrip
 b784-432e-a781-5a1130a75963}[publishexpandedpath]
 b784-432e-a781-5a1130a75963}[attributes]
           Queries value:
  HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-
 b784-432e-a781-5a1130a75963}[foldertypeid]
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 HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-descriptions\} \ description \ descrip
b784-432e-a781-5a1130a75963}[initfolderhandler]
                                                                                                                                                              HKCR\wow6432node\interface\{a168aadc-1674-49da-ad4f-
           Queries value:
 4f27df8760d0}\proxystubclsid32[]
                                                                                                                                                              HKCR\wow6432node\clsid\{057eee47-2572-4aa1-88d7-60ce2149e33c}[]
           Queries value:
                                                                                                                                                              HKCR\wow6432node\clsid\{057eee47-2572-4aa1-88d7-
           Oueries value:
 60ce2149e33c}\inprocserver32[inprocserver32]
                                                                                                                                                            HKCR\wow6432node\clsid\{057eee47-2572-4aa1-88d7-
          Oueries value:
 60ce2149e33c}\inprocserver32[1
                                                                                                                                                            Queries value:
 60ce2149e33c}\inprocserver32[threadingmodel]
           Oueries value:
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 shell folders[local appdata]
           Queries value:
                                                                                                                                                           HKCR\wow6432node\clsid\{ff393560-c2a7-11cf-bff4-
 444553540000}\inprocserver32[]
           Queries value:
                                                                                                                                                            HKCR\wow6432node\clsid\ff393560-c2a7-11cf-bff4-
 444553540000}\inprocserver32[loadwithoutcom]
           Queries value:
                                                                                                                                                            HKCU\software\microsoft\windows\currentversion\shell
  extensions\cached[{ff393560-c2a7-11cf-bff4-444553540000} {000214e6-0000-0000-c000-000000000046}
 0xffff]
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            Queries value:
                                                                                                                                                              HKCR\wow6432node\clsid\ff393560-c2a7-11cf-bff4-
            Queries value:
 444553540000}\inprocserver32[inprocserver32]
           Queries value:
                                                                                                                                                              HKCR\wow6432node\clsid\{ff393560-c2a7-11cf-bff4-
  444553540000}\inprocserver32[threadingmodel]
           Oueries value:
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 paths\iexplore.exe[dontusedesktopchangerouter]
                                                                                                                                                            \label{thm:linear} HKCU \ software \ microsoft \ windows \ current version \ explorer \ clsid \ \{20d04fe0-delta \ explorer \ clsid \ explorer \ explorer
           Queries value:
 3aea-1069-a2d8-08002b30309d}[]
                                                                                                                                                              HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
           Queries value:
```

08002b30309d}[localizedstring] HKLM\software\wow6432node\microsoft\windows search[currentversion] Queries value: Queries value: HKCR\wow6432node\interface\{6d5140c1-7436-11ce-8034-00aa006009fa}\proxystubclsid32[]  $HKCR \setminus wow6432 \\ node \\ clsid \\ \{c90250f3-4d7d-4991-9b69-a5c5bc1c2ae6\}[]$ Queries value: HKCR\wow6432node\clsid\{c90250f3-4d7d-4991-9b69-Oueries value: a5c5bc1c2ae6}\inprocserver32[inprocserver32] Queries value: HKCR\wow6432node\clsid\{c90250f3-4d7d-4991-9b69a5c5bc1c2ae6}\inprocserver32[] HKCR\wow6432node\clsid\{c90250f3-4d7d-4991-9b69-Queries value: a5c5bc1c2ae6}\inprocserver32[threadingmodel] Queries value: HKCR\interface\{6d5140c1-7436-11ce-8034-00aa006009fa}\proxystubclsid32[] HKCR\clsid\{c90250f3-4d7d-4991-9b69-a5c5bc1c2ae6}[] Queries value: HKCR\clsid\{c90250f3-4d7d-4991-9b69-Oueries value:

a5c5bc1c2ae6}\inprocserver32[inprocserver32]

HKCR\clsid\{c90250f3-4d7d-4991-9b69-a5c5bc1c2ae6}\inprocserver32[] Queries value:

HKCR\clsid\{c90250f3-4d7d-4991-9b69-Oueries value:

a5c5bc1c2ae6}\inprocserver32[threadingmodel]

Oueries value:

00aa00404770}\proxystubclsid32[]

Queries value: HKCR\interface\{b722bccb-4e68-101b-a2bc-00aa00404770}\proxystubclsid32[]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dc-b587-4786-

b4ef-bd1dc332aeae}[category]

Oueries value:

b4ef-bd1dc332aeae}[name]

Queries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{1b3ea5dc-b587-4786-b587-47$ b4ef-bd1dc332aeae}[parentfolder]

b4ef-bd1dc332aeae}[description]

Oueries value:

b4ef-bd1dc332aeae}[relativepath]

Queries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{1b3ea5dc-b587-4786-b587-47$ b4ef-bd1dc332aeae}[parsingname]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dc-b587-4786b4ef-bd1dc332aeae}[infotip]

Queries value:

 $HKLM \setminus software \setminus irrosoft \setminus ir$ b4ef-bd1dc332aeae}[localizedname]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dc-b587-4786b4ef-bd1dc332aeae}[icon]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dc-b587-4786b4ef-bd1dc332aeae}[security]

Oueries value:

 $HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} With the highest constant and the hard supportant that the hard support the hard support the hard support the hard support that the hard support the hard suppo$ b4ef-bd1dc332aeae}[streamresource]

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{1b3ea5dc-b587-4786-b587-47$ b4ef-bd1dc332aeae}[streamresourcetype]

b4ef-bd1dc332aeae}[localredirectonly]

Oueries value:

b4ef-bd1dc332aeae}[roamable]

Queries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{1b3ea5dc-b587-4786-b587-47$ b4ef-bd1dc332aeae}[precreate]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dc-b587-4786b4ef-bd1dc332aeae}[stream]

Oueries value:

 $HKLM \setminus software \setminus irrosoft \setminus ir$ b4ef-bd1dc332aeae}[publishexpandedpath]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dc-b587-4786b4ef-bd1dc332aeae}[attributes]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dc-b587-4786b4ef-bd1dc332aeae}[foldertypeid]

Oueries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{1b3ea5dc-b587-4786-b587-47$ b4ef-bd1dc332aeae}[initfolderhandler]

HKCU\software\microsoft\windows\currentversion\explorer\user shell folders[{1b3ea5dc-b587-4786-b4ef-bd1dc332aeae}]

8648-d5d44b04ef8f}[category]

Oueries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{f3ce0 f7c-4901-4acc-4901-4$ 8648-d5d44b04ef8f}[name]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{f3ce0f7c-4901-4acc-8648-d5d44b04ef8f}[parentfolder]

 $\label{thm:local-prop} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \f3ce0 f7c-4901-4 acc-8648-d5d44b04ef8f \cite{thm:local-general-ge$ 

Oueries value

 $HKLM \software \microsoft \windows \current version \explorer \folder descriptions \f3ce0 f7c-4901-4 acc-8648-d5d44b04ef8f\ [relative path]$ 

Queries value:

 $HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ folder descriptions \ `\{f3ce0f7c-4901-4acc-8648-d5d44b04ef8f\}[parsing name]$ 

Queries value:

 $\label{thm:local-equation} HKLM \software \ensurement \subsection \ensurements \subsection \ensurements \subsection \ensurements \subsection \ensurements \subsection \ensurements \subsection \subs$ 

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{f3ce0f7c-4901-4acc-8648-d5d44b04ef8f\}[localized name]$ 

Queries value:

 $\label{thm:local-equation} HKLM \software \ensurements in \e$ 

Oueries value:

 $HKLM \ software \ icrosoft \ windows \ current version \ \ explorer \ \ f3ce0f7c-4901-4acc-8648-d5d44b04ef8f \ [security]$ 

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{f3ce0f7c-4901-4acc-8648-d5d44b04ef8f\} [stream resource]$ 

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{f3ce0f7c-4901-4acc-8648-d5d44b04ef8f\}[stream resource type]$ 

Queries value:

 $\label{thm:local-equation} HKLM \software \ensuremath{\mbox{\mbox{$\mb$ 

Queries value

 $\label{thm:local-prop} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \f3ce0 f7c-4901-4 acc-8648-d5d44b04ef8f \cite{thm:local-gradient} \cite{thm:local-gradient} \end{substitute}$ 

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{f3ce0f7c-4901-4acc-8648-d5d44b04ef8f\} [precreate]$ 

Queries value:

 $\label{thm:local-equation} HKLM \software \ensurement \subsection \ensurements \subsection \en$ 

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \{f3ce0f7c-4901-4acc-8648-d5d44b04ef8f\} \ [publish expanded path]$ 

Queries value:

 $\label{thm:local-equation} HKLM \software \ensurement \subsection \ensurements \subsection \ensurements \subsection \ensurements \subsection \ensurements \subsection \ensurements \subsection \subs$ 

Queries value:

 $\label{thm:hklm:software} HKL^{M} software \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {f3ce0f7c-4901-4acc-8648-d5d44b04ef8f}[foldertypeid]$ 

Queries value:

 $\label{thm:local-prop} $HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\f(f3ce0f7c-4901-4acc-8648-d5d44b04ef8f)\[initfolderhandler]$ 

Queries value: HKCR\clsid\{59031a47-3f72-44a7-89c5-

5595fe6b30ee}\shellfolder[attributes]

Queries value: HKCR\clsid\{59031a47-3f72-44a7-89c5-5595fe6b30ee}\shellfolder[callforattributes]
Queries value: HKCR\clsid\{59031a47-3f72-44a7-89c5-5595fe6b30ee}\shellfolder[restrictedattributes]

Queries value: HKCR\clsid\{59031a47-3f72-44a7-89c5-

5595fe6b30ee}\shellfolder[foldervalueflags]

Queries value:

 $\label{thm:hklm:software} HKL^M \software \microsoft \windows \current version \policies \nonenum \cite{thm:hklm:software} \end{substitute} \begin{substitute} 1.59031a47-3f72-44a7-89c5-5595fe6b30ee \cite{thm:hklm:software:hk$ 

Queries value: HKCU\software\microsoft\internet

explorer\tabbedbrowsing[quicktabsthreshold]

Queries value: HKCR\clsid\{d27cdb6e-ae6d-11cf-96b8-444553540000}\inprocserver32[]

Queries value:

 $HKLM \ software \ icrosoft \ windows \ current version \ \ verblorer \ \ folder descriptions \ \ \ \ d20beec4-5ca8-4905-ae3b-bf251ea09b53\} \ [category]$ 

Queries value:

 $HKLM \software \microsoft \windows \current version \explorer \folder descriptions \cd20 beec 4-5 ca 8-4905-ae 3b-bf 251e a 09b 53 \cday{ [name]}$ 

Queries value:

 $\label{lem:hklmsoftware} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \cal{lem:hklmsoftware} \displays \folder \fill \cal{lem:hklmsoftware} \end{substantsignification} Add to be a considered as a constant \cal{lem:hklmsoftware} \folder \cal{lem:hklmsoftware} \displays \displays \cal{lem:hklmsoftware} \displays \d$ 

Queries value:

 $\label{thm:local-prop} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \cal{local-prop} $$420 beec 4-5 ca 8-490 - ae 3b-bf 251ea 09b 53 \[description] $$420 beec 4-5 ca 8-490 - ae 3b$ 

Queries value:

 $\label{thm:main} HKL^{M} software \mbox{$d20$ beec 4-5ca 8-4905-ae 3b-bf 251ea 09b 53} [relative path]$ 

Queries value:

\text{\d20beec4-5ca8-4905-ae3b-bf251ea09b53}[parsingname]

Queries value

 $\label{lem:hklmsoftware} HKLM \software \ensurement \subsection \subsection \ensurement \subsection \subsection \ensurement \subsection \subsection \ensurement \subsection \subsection$ 

Queries value:

 $\label{localized-ham} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \d20 beec 4-5 ca 8-4905-ae 3b-bf 251 ea 09b 53 \flocalized \name]$ 

Oueries value:

 $\label{thm:local_ham} HKLM \software \mbox{$MLM$} software \mbox{$MLM$} icrosoft \windows \current version \explorer \folder descriptions \folder \fo$ 

ae3b-bf251ea09b53}[security]

ae3b-bf251ea09b53}[streamresource]

ae3b-bf251ea09b53}[streamresourcetype]

Queries value:

ae3b-bf251ea09b53}[localredirectonly]

Queries value:

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Queries value:

 $HKLM \setminus software \setminus irrosoft \setminus ir$ ae3b-bf251ea09b53}[precreate]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d20beec4-5ca8-4905ae3b-bf251ea09b53}[stream]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d20beec4-5ca8-4905ae3b-bf251ea09b53}[publishexpandedpath]

Oueries value:

ae3b-bf251ea09b53}[attributes]

Queries value:

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ae3b-bf251ea09b53}[initfolderhandler]

Oueries value: HKCR\clsid\{f02c1a0d-be21-4350-88b0-7367fc96ef3c}[sortorderindex]

Queries value:

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Queries value:

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Oueries value:

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Oueries value:

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Queries value:

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Queries value:

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Oueries value:

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Oueries value:

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Oueries value:

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Oueries value:

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Queries value:

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Queries value:

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HKLM \ software \ `microsoft \ `windows \ `current version \ `explorer \ `folder descriptions \ `\{0ac 0837c-bbf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-452a-bdf8-4
850d-79d08e667ca7}[initfolderhandler]
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manager[safeprocesssearchmode]
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  11cf-aaa5-00401c608501}\iexplore[type]
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 explorer\tabbedbrowsing\newtabpage[schedule]
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HKLM \verb| software \verb| clients \verb| startmenuinternet \verb| iexplore.exe \verb| installinfo [showiconscommand]| \\
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HKCR\ie.http\shell\open\command[]
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1780-4ff6-bd18-167343c5af16}[localredirectonly]
HKLM \label{lem:hklm} While the latest and the la
 1780-4ff6-bd18-167343c5af16}[roamable]
1780-4ff6-bd18-167343c5af16}[precreate]
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HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{a520a1a4-microsoft\} \ description \ explorer \ folder \ 
 1780-4ff6-bd18-167343c5af16}[stream]
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```

```
1780-4ff6-bd18-167343c5af16}[publishexpandedpath]
HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{a520a1a4-microsoft \ windows \ explorer \ folder \ descriptions \ explorer \ folder \ descriptions \ explorer \ folder \ folder
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nt \verb|\currentversion| app compatflags[\{22624 cac-fe50-451 e-9261-e7f22 aab 93 ec\}]|
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```

```
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                                                              HKLM\software\wow6432node\microsoft\internet
    Oueries value:
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    Oueries value:
                                                              HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling[*]
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                                                              HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| internet
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback[java.exe]
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                                                              HKCU\control panel\desktop[fontsmoothingorientation]
    Queries value:
                                                              HKCU\control panel\desktop\windowmetrics[shell icon bpp]
    Queries value:
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shell dlg 2]
    Queries value:
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    Oueries value:
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