# Malware Analysis Appliance by Blue Coat Systems, Inc.

#### Task Details

Host: mag2, Sample ID: 2, Task ID: 2

Task ID: 2 Risk Level: 10

Date Processed: 2016-03-02 17:52:12 (UTC)

Processing Time: 63.32 seconds Virtual Environment: IntelliVM

**Execution Arguments:** "c:\windows\temp\spyeye\_injector.exe"

Sample ID: Type: basic Owner: admin

Label: spyeye\_injector.exe Date Added: 2016-03-02 17:52:11 (UTC) PE32:win32:gui

File Type: File Size: 103936 bytes

b98bb6d7428c3dbffcfcab2414c6daa2 MD5:

fc7f54ce456c164452d8429a7fd5f52629a69338f8954e287d2664c03c37e029 SHA256:

Description: None

## Pattern Matching Results

4 Terminates process under Windows subfolder

- 10 Creates malicious mutex: Spyeye [Banking]
- 6 Modifies registry autorun entries
- 5 Abnormal sleep detected
- 10 Suspicious writeprocess: Spyeye [Banking]
- 5 Packer: UPX
- 6 Notifies system about Internet connection change
- 5 Adds autostart object
- 4 Reads process memory
- 2 PE: Nonstandard section
- 6 Renames file on boot
- 5 PE: Contains compressed section
- 3 Program causes a crash [Info]
- Writes to memory of system processes

#### Static Events

Reads from process:

Anomaly: PE: Contains a virtual section

Anomaly: PE: Contains one or more non-standard sections

Packer:

## Process/Thread Events

Creates process: C:\windows\temp\spyeye\_injector.exe

["C:\windows\temp\spyeye\_injector.exe" ]

Creates process: C:\WinOldFileq\83A49421955.exe ["C:\WinOldFileq\83A49421955.exe"]

Creates process: C:\Users\Admin\AppData\Local\Temp\W2X5C34.exe

["C:\Users\Admin\AppData\Local\Temp\W2X5C34.exe"]

c:\windows\SysWOW64\calc.exe ["c:\windows\system32\calc.exe"] Creates process:

Creates process: C:\Windows\SysWOW64\rundll32.exe ["C:\Windows\system32\rundll32.exe"

"C:\Windows\syswow64\WININET.dll",DispatchAPICall 1 ] PID:1092 C:\Windows\explorer.exe Reads from process:

Reads from process: PID:376 C:\Windows\System32\psxss.exe Reads from process: PID:420 C:\Windows\System32\winlogon.exe PID:428 C:\Windows\System32\wininit.exe Reads from process: Reads from process: PID:500 C:\Windows\System32\lsass.exe Reads from process: PID:508 C:\Windows\System32\lsm.exe PID:608 C:\Windows\System32\svchost.exe Reads from process: Reads from process: PID:676 C:\Windows\System32\svchost.exe Reads from process: PID:724 C:\Windows\System32\svchost.exe PID:884 C:\Windows\System32\svchost.exe Reads from process: Reads from process: PID:988 C:\Windows\System32\svchost.exe Reads from process: PID:272 C:\Windows\System32\svchost.exe

Reads from process: PID:1072 C:\Windows\System32\dwm.exe Reads from process: PID:1124 C:\Windows\System32\taskhost.exe Reads from process: PID:1328 C:\Windows\System32\svchost.exe

PID:1452 C:\Windows\System32\svchost.exe Reads from process: Reads from process: PID:1564 C:\Windows\System32\spoolsv.exe Reads from process: PID:1600 C:\Windows\System32\svchost.exe

PID:1620 C:\Windows\System32\CISVC.EXE Reads from process: PID:1692 C:\Program Files (x86)\EMET 5.2\EMET\_Service.exe

Reads from process: PID:1752 C:\Windows\System32\svchost.exe

Reads from process: PID:1788 C:\Windows\System32\inetsrv\inetinfo.exe

Reads from process: PID:1836 C:\Windows\System32\svchost.exe Reads from process: PID:1872 C:\Windows\System32\svchost.exe Reads from process: PID:1908 C:\Windows\System32\mgsvc.exe

Reads from process: PID:1960 C:\Windows\Microsoft.NET\Framework64\v4.0.30319\SMSvcHost.exe

Reads from process: PID:1968 C:\Program Files (x86)\EMET 5.2\EMET\_Agent.exe

PID:800 C:\Windows\System32\TCPSVCS.EXE Reads from process:

| PID:704 C:\Windows\System32\tlntsrv.exe                                |
|--|
| PID:1208 C:\Windows\System32\svchost.exe                               |
| PID:1800 C:\Windows\System32\mqtgsvc.exe                               |
| PID:2072 C:\Windows\System32\nfsclnt.exe                               |
| PID:2224 C:\Windows\Microsoft.NET\Framework64\v4.0.30319\SMSvcHost.exe |
| PID:2444 C:\Windows\System32\UIODetect.exe                             |
| PID:2548 C:\Windows\System32\svchost.exe                               |
| PID:3008 C:\Windows\System32\sdclt.exe                                 |
| PID:3044 C:\Windows\System32\taskhost.exe                              |
| PID:2816 C:\Windows\System32\ivm\ivm-service.exe                       |
| PID:2856 C:\Windows\System32\wbem\unsecapp.exe                         |
| PID:2596 C:\Windows\System32\wbem\WmiPrvSE.exe                         |
| PID:2068 C:\Windows\System32\conhost.exe                               |
| PID:1428 C:\Program Files (x86)\Adobe\Reader 9.0\Reader\reader_sl.exe  |
| PID:2944 C:\Windows\System32\paranormal.exe                            |
| PID:2328 C:\Users\Admin\AppData\Local\Temp\W2X5C34.exe                 |
| PID:2456 C:\Windows\Temp\spyeye_injector.exe                           |
| PID:416 C:\Windows\SysWOW64\calc.exe                                   |
| PID:2712 C:\Windows\SysWOW64\rundll32.exe                              |
| PID:2504 C:\Windows\SysWOW64\WerFault.exe                              |
| PID:540 C:\Windows\SysWOW64\rundll32.exe                               |
| C:\WinOldFileq\83A49421955.exe   |
| C:\Windows\Temp\spyeye_injector.exe                                    |
| C:\Windows\SysWOW64\calc.exe   |
| C:\Windows\SysWOW64\WerFault.exe                                       |
| C:\Windows\SysWOW64\rundl132.exe                                       |
|  |

## Named Object Events

| Creates mutex: | \Sessions\1\BaseNamedObjects\DBWinMutex           |
|----------------|---|
| Creates mutex: | \BaseNamedObjects\RPCController                   |
| Creates mutex: | \Sessions\1\BaseNamedObjects\zXeRY3a_PtW 00000000 |
| Creates mutex: | \Sessions\1\BaseNamedObjects\_!MSFTHISTORY!_      |
| Creates mutex: | •   |

\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!local!microsoft!windows!temporary internet files!content io5!

files!content.ie5!

Creates mutex: \BaseNamedObjects\B9EXF6TTcUY9ZFyZ98DUzD85UB59cp0

Creates mutex:

 $\verb|\Sessions|1| Base Named Objects \verb|\c:!users!| admin! appdata! roaming! microsoft! windows! cookies! \\$ 

Creates mutex:

\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!local!microsoft!windows!history!history.ie5!

Creates mutex: \Sessions\1\BaseNamedObjects\WininetStartupMutex
Creates mutex: \Sessions\1\BaseNamedObjects\WininetConnectionMutex
Creates mutex: \Sessions\1\BaseNamedObjects\WininetProxyRegistryMutex
Creates mutex: \Sessions\1\BaseNamedObjects\RasPbFile

Creates mutex: \Sessions\1\BaseNamedObjects\Raspbf11e
Creates mutex: \Sessions\1\BaseNamedObjects\IESQMMUTEX\_0\_208
Creates mutex: \Sessions\1\BaseNamedObjects\ZonesCounterMutex

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

Creates mutex: \Sessions\1\BaseNamedObjects\!IETld!Mutex
Creates mutex: \Sessions\1\BaseNamedObjects\\_!MSFTHISTORY!\_LOW!\_

Creates mutex:

\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!local!microsoft!windows!temporary internet files!low!content.ie5!

Creates mutex:

\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!roaming!microsoft!windows!cookies!low!

Creates mutex:

\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!local!microsoft!windows!history!low!history.ie5!

Creates event: \BaseNamedObjects\SvcctrlStartEvent\_A3752DX
Creates event: \Security\LSA\_AUTHENTICATION\_INITIALIZED
Creates event: \BaseNamedObjects\ParanormalNotBusy
Creates event: \KernelObjects\SystemErrorPortReady

Creates event: \BaseNamedObjects\BFE\_Notify\_Event\_{8053f4a8-1d1d-48e0-9163-

ccc4c801b7f6}

Creates event: \KernelObjects\MaximumCommitCondition

# File System Events

| Creates: | C:\WinOldFileq   |
|----------|--|
| Creates: | C:\WinOldFileq\  |
| Creates: | C:\WinOldFileq\83A49421955.exe   |
| Creates: | C:\WinOldFileq\DA9832AC502FF73   |
| Creates: | C:\Users\Admin\AppData\Local\Temp\   |
| Creates: | <pre>C:\Users\Admin\AppData\Local\Temp\W2X5C34.tmp</pre>                           |
| Creates: | <pre>C:\Users\Admin\AppData\Local\Temp\W2X5C34.exe</pre>                           |
| Creates: | C:\Users\Admin   |
| Creates: | <pre>C:\Users\Admin\AppData\Local</pre>  |
| Creates: | <pre>C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files</pre> |
| Creates: | <pre>C:\Users\Admin\AppData\Roaming</pre>  |
| Creates: | <pre>C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies</pre>                |
| Creates: | <pre>C:\Users\Admin\AppData\Local\Microsoft\Windows\History</pre>                  |
| Creates: | <pre>C:\Users\Admin\Favorites</pre>  |
| Creates: | <pre>C:\Users\Admin\AppData\Roaming\Microsoft\Windows\PrivacIE</pre>               |

```
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatCache
 Creates:
                         C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IETldCache
 Creates:
 Opens:
                         C:\Windows
                         C:\Windows\System32\wow64.dll
 Opens:
 Opens:
                         C:\Windows\System32\wow64win.dll
 Opens:
                         C:\Windows\System32\wow64cpu.dll
                         C:\Windows\system32\wow64log.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64
                         C:\Windows\SysWOW64\sechost.dll
 Opens:
                         C:\Windows\SysWOW64\kernel32.dll
 Opens:
 Opens:
                         C:\
 Opens:
                         C:\Windows\Globalization\Sorting\SortDefault.nls
 Opens:
                         C:\Windows\SysWOW64\ntdll.dll
 Opens:
                         C:\WinOldFilea
 Opens:
                         C:\WinOldFileq\
                         C:\Windows\Temp\spyeye_injector.exe
 Opens:
 Opens:
                         C:\WinOldFileq\83A49421955.exe
 Opens:
                         C:\Windows\SysWOW64\embdtrst.dll
 Opens:
                         C:\Windows\SysWOW64\apphelp.dll
 Opens:
                         C:\Windows\AppPatch\sysmain.sdb
 Opens:
                         C:\WinOldFileq\ui\SwDRM.dll
 Opens:
                         C:\Windows\SysWOW64\imm32.dll
 Opens:
                         C:\WinOldFileq\MSIMG32.dll
 Opens:
                         C:\Windows\SysWOW64\msimg32.dll
 Opens:
                         C:\WinOldFileq\DA9832AC502FF73
 Opens:
                         C:\Users\Admin\AppData\Local\Temp
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\W2X5C34.exe
 Opens:
                         C:\Users
                         C:\Users\Admin
 Opens:
 Opens:
                         C:\Users\Admin\AppData
 Opens:
                         C:\Users\Admin\AppData\Local
                         C:\Users\Admin\AppData\Local\Temp\ui\SwDRM.dll
 Opens:
 Opens:
                         C: \verb|\USers\Admin\AppData\Local\Temp\MSIMG32.dll| \\
 Opens:
                         C:\Windows\SysWOW64\user32.dll
                         C:\Windows\SysWOW64\wininet.dll
 Opens:
 Opens:
                         C:\windows\temp\MSIMG32.dll
 Opens:
                         C:\Program Files (x86)\Adobe\Reader 9.0\Reader\MSIMG32.dll
                         C:\Users\Admin\AppData\Local\Temp\W2X5C34.exe.Local\
 Opens:
 Opens:
                         C:\Windows\winsxs\x86_microsoft.windows.common-
controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2
 Opens:
                         C:\Windows\winsxs\x86_microsoft.windows.common-
controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2\comctl32.dll
                         C:\Windows\WindowsShell.Manifest
 Opens:
                         {\tt C:\Users\Admin\AppData\Local\Temp\profapi.dll}
 Opens:
 Opens:
                         C:\Windows\SysWOW64\profapi.dll
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files
 Opens:
                         {\tt C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary\ Internet}
Files\desktop.ini
 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\desktop.ini
 Opens:
                         C:\Users\Admin\AppData\Roaming
                         C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\History
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\History\desktop.ini
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\History\History.IE5
 Opens:
 Opens:
C:\Users\Admin\AppData\Local\Microsoft\Windows\History\History.IE5\desktop.ini
 Opens:
                         C:\Windows\SysWOW64\ws2_32.dll
 Opens:
                         C:\Windows\SysWOW64\advapi32.dll
 Opens:
                         {\tt C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary\ Internet}
Files\Content.IE5\index.dat
                         C:\Users\Admin\AppData\Local\Temp\USERENV.dll
 Opens:
                         C:\Windows\SysWOW64\userenv.dll
 Opens:
 Opens:
C:\Users\Admin\AppData\Roaming\Microsoft\SystemCertificates\My\Certificates
                         C: \verb|\USers\Admin\AppData\Roaming\Microsoft\System\Certificates\My\CRLs|
 Opens:
 Opens:
                         Opens:
                         C:\Windows\SysWOW64\crypt32.dll
                         C:\Windows\SysWOW64\tzres.dll
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\index.dat
 Opens:
C:\Users\Admin\AppData\Local\Microsoft\Windows\History\History.IE5\index.dat
 Opens:
                         C:\Windows\SysWOW64\mswsock.dll
                         C:\Users\Admin\AppData\Local\Temp\ntmarta.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\ntmarta.dll
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\dnsapi.DLL
                         C:\Windows\SysWOW64\dnsapi.dll
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\iphlpapi.DLL
 Opens:
                         C:\Windows\SysWOW64\IPHLPAPI.DLL
                         C:\Windows\SysWOW64\WSHTCPIP.DLL
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\WINNSI.DLL
```

C:\Windows\SysWOW64\winnsi.dll Opens: Opens: C:\windows\temp\spyeye\_injector.exe Opens: C:\Windows\SysWOW64\nlaapi.dll C:\Windows\SysWOW64\winrnr.dll Opens: Opens: C:\Windows\SysWOW64\pnrpnsp.dll Opens: C:\Windows\SysWOW64\NapiNSP.dll C:\Users\Admin\AppData\Local\Temp\dhcpcsvc6.DLL Opens: C:\Windows\SysWOW64\dhcpcsvc6.dll Opens: Opens: C:\Users\Admin\AppData\Local\Temp\dhcpcsvc.DLL C:\Windows\SysWOW64\dhcpcsvc.dll Opens: Opens: C:\Windows\System32\drivers\etc\hosts Opens: C:\Windows\SysWOW64\calc.exe Opens: C:\windows\SysWOW64\ui\SwDRM.dll Opens: C:\Users\Admin\AppData\Local\Temp\rasadhlp.dll Opens: C:\Windows\SysWOW64\rasadhlp.dll Opens: C:\Users\Admin\AppData\Local\Temp\RASAPI32.dll Opens: C:\Windows\SysWOW64\rasapi32.dll Opens: C:\Users\Admin\AppData\Local\Temp\rasman.dll Opens: C:\Windows\SysWOW64\rasman.dll Opens: C:\Users\Admin\AppData\Local\Temp\rtutils.dll Opens: C:\Windows\SysWOW64\rtutils.dll Opens: C:\ProgramData\Microsoft\Network\Connections\Pbk\ Opens: C:\Windows\SvsWOW64\ras Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Network\Connections\Pbk\ Opens: C:\Users\Admin\AppData\Local\Temp\sensapi.dll Opens: C:\Windows\SysWOW64\SensApi.dll Opens:  $\verb|C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet| \\$ Files\Low C:\Users\Admin\AppData\Local\Microsoft\Windows Opens: Opens: C:\Users\Admin\AppData\Local\Microsoft Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\Low C:\Users\Admin\AppData\Roaming\Microsoft\Windows Opens: Opens: C:\Users\Admin\AppData\Roaming\Microsoft Opens: C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low C:\Users\Admin\Favorites Opens: Opens: C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files\Virtualized C:\Users\Admin\AppData\Roaming\Microsoft\Windows\PrivacIE Opens: Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\PrivacIE\Low Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatCache  $C: \verb|\USers\Admin\AppData\Roaming\Microsoft\Windows\IECompatCache\Low|$ Opens: Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IETldCache Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IETldCache\Low Opens: C:\Users\Admin\AppData\Local\Temp\Low Opens: C:\Windows\SysWOW64\rundll32.exe Opens: C:\Windows\SysWOW64\ui\SwDRM.dll Opens: C:\Windows\SysWOW64\rpcss.dll Opens: C:\Windows\SysWOW64\wship6.dll C:\Windows\SysWOW64\FWPUCLNT.DLL Opens: Opens: C:\Windows\SysWOW64\wer.dll Opens: C:\Windows\Registration\R00000000004.clb Opens: C:\Windows\SysWOW64\netprofm.dll Opens: C:\Windows\SysWOW64\WerFault.exe.Local\ Opens: C:\Windows\SysWOW64\Faultrep.dll Opens: C:\Windows\SysWOW64\en-US\WerFault.exe.mui Opens: C:\Windows\SysWOW64\uxtheme.dll C:\Users\Admin\AppData\Local\Temp\CRYPTSP.dll Opens: C:\Windows\SysWOW64\cryptsp.dll Opens: C:\Windows\SysWOW64\rsaenh.dll Opens: Opens: C:\Users\Admin\AppData\Local\Temp\RpcRtRemote.dll Opens: C:\Windows\SysWOW64\RpcRtRemote.dll Opens: C:\Windows\SysWOW64\npmproxy.dll Opens: C:\Users\Admin\AppData\Local\Temp\VERSION.dll Opens: C:\Windows\SysWOW64\version.dll Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@microsoft[2].txt Opens: C:\Windows\AppPatch\AcLayers.dll C:\Windows\SysWOW64\winspool.drv Opens: Opens: C:\Windows\SysWOW64\mpr.dll C:\Windows\AppPatch\acwow64.dll Opens: Opens: C:\Windows\syswow64\WININET.dll.manifest Opens: C:\Windows\SysWOW64\dwmapi.dll Opens: C:\Windows\SysWOW64\rundll32.exe.Local\ Opens: C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files\Low\desktop.ini Opens: C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files\Low\Content.IE5 C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files\Low\Content.IE5\desktop.ini Opens: C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low\desktop.ini

Opens:
C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low\History.IE5\desktop.ini

C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low\History.IE5

Opens:

Opens: C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet

Files\Low\Content.IE5\index.dat

Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\Low\index.dat

Opens:

C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low\History.IE5\index.dat

Writes to: C:\WinOldFileq\83A49421955.exe Writes to: C:\WinOldFileq\DA9832AC502FF73

Writes to: C:\Users\Admin\AppData\Local\Temp\W2X5C34.exe

Reads from: C:\Windows\SysWOW64\ntdll.dll
Reads from: C:\Windows\Temp\spyeye\_injector.exe
Reads from: C:\WinOldFileq\83A49421955.exe
Reads from: C:\WinOldFileq\DA9832AC502FF73

Reads from: C:\Users\Admin\AppData\Local\Temp\W2X5C34.exe

Reads from: C:\Windows\SysWOW64\user32.dll
Reads from: C:\Windows\SysWOW64\wininet.dll
Reads from: C:\Windows\SysWOW64\ws2\_32.dll
Reads from: C:\Windows\SysWOW64\advapi32.dll
Reads from: C:\Windows\SysWOW64\crypt32.dll
Reads from: C:\Windows\System32\drivers\etc\hosts

Reads from: C:\Windows\SysWOW64\calc.exe
Reads from: C:\Windows\SysWOW64\rundl132.exe

Reads from:

C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@microsoft[2].txt

Deletes: C:\Windows\Temp\spyeye\_injector.exe

#### **Network Events**

DNS query: alexeyartemov.com
DNS query: www.microsoft.com
Connects to: 88.198.13.147:443
Sends data to: 8.88.88:53
Sends data to: 4.2.2.1:53

## Windows Registry Events

| Creates key: | HKLM\system\currentcontrolset\control\session manager                               |
|--------------|---|
| Creates key: | <pre>HKCU\software\microsoft\windows\currentversion\run</pre>                       |
| Creates key: | <pre>HKCU\software\microsoft\windows\currentversion\internet settings</pre>         |
| Creates key: | <pre>HKCU\software\microsoft\windows\currentversion\internet settings\zones\0</pre> |
| Creates key: | <pre>HKCU\software\microsoft\windows\currentversion\internet settings\zones\1</pre> |
| Creates key: | <pre>HKCU\software\microsoft\windows\currentversion\internet settings\zones\2</pre> |
| Creates key: | <pre>HKCU\software\microsoft\windows\currentversion\internet settings\zones\3</pre> |
| Creates key: | <pre>HKCU\software\microsoft\windows\currentversion\internet settings\zones\4</pre> |
| Creates key: | <pre>HKCU\software\microsoft\windows\currentversion\internet</pre>                  |

settings\lockdown\_zones\1

Creates key: HKCU\software\microsoft\windows\currentversion\internet

settings\lockdown\_zones\2

Creates key: HKCU\software\microsoft\windows\currentversion\internet

settings\lockdown\_zones\3

Creates key: HKCU\software\microsoft\windows\currentversion\internet

settings\lockdown\_zones\4

Creates key: HKCU\software\microsoft\internet explorer\phishingfilter
Creates key: HKCU\software\microsoft\internet explorer\recovery
Creates key: HKCU\software\microsoft\systemcertificates\my

Creates key: HKLM\system\currentcontrolset\services\tcpip\parameters

Creates key: HKCU\software\microsoft windows

Creates key: HKLM\software\wow6432node\microsoft\tracing

Creates key: HKLM\software\wow6432node\microsoft\tracing\w2x5c34\_rasapi32
Creates key: HKLM\software\wow6432node\microsoft\tracing\w2x5c34\_rasmancs
Creates key: HKCU\software\microsoft\windows\currentversion\internet

settings\connections

Creates key: HKCU\software\appdatalow

Creates key: HKCU\software\microsoft\internet explorer\internetregistry Creates key: HKCU\software\microsoft\internet explorer\lowregistry

Creates key: HKCU\software\microsoft\internet

explorer\lowregistry\dontshowmethisdialogagain

Creates key: HKCU\software\microsoft\windows\currentversion\internet

settings\5.0\lowcache

Creates key: HKCU\software\microsoft\internet explorer\intelliforms Creates key: HKCU\software\microsoft\internet explorer\toolbar

Creates key: HKCU\software\microsoft\internet explorer\toolbar\webbrowser

Creates key:

HKCU\software\microsoft\windows\currentversion\explorer\menuorder\favorites

Creates key: HKCU\software\microsoft\internet explorer\pagesetup

Creates key: HKCU\software\microsoft\windows\currentversion\internet

settings\passport\lowdamap

Creates key: HKCU\software\microsoft\windows\currentversion\internet settings\wpad
Creates key: HKCU\software\microsoft\windows\currentversion\explorer\lowregistry

Creates key: HKCU\software\microsoft\internet explorer\zoom

 $\label{lem:condition} Creates \ key: \\ HKCU \ software \ microsoft \ internet \ explorer \ browsere mulation \ low microsoft \ microsoft \ mulation \ low microsoft \ microsoft \ mulation \ low microsoft \ mulation \ low microsoft \ microsoft \ mulation \ low microsoft \ microsoft \ mulation \ low microsoft \ mulation \ mulation \ low microsoft \ mulation \$ 

Creates key: HKCU\software\microsoft\internet explorer\ietld\lowmic

Creates key: HKCU\software\microsoft\windows nt\currentversion\network\location

awareness

Creates key: HKCU\software\microsoft\windows\currentversion\internet

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explorer\main\featurecontrol\feature_http_username_password_disable
  Opens key:
                                  HKLM\system\currentcontrolset\services\dnscache\parameters
  Opens key:
                                   HKLM\software\wow6432node\policies\microsoft\windows nt\dnsclient
  Opens key:
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  Opens key:
  Opens key:
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  Opens key:
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nt\dnsclient\dnspolicyconfig
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                                   HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces
  Opens kev:
  Opens key:
8fdd7209a8ac}
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  Opens kev:
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  Opens key:
                                   HKLM\software\microsoft\windows nt\currentversion\image file execution
options\calc.exe
  Opens key:
                                   HKLM\software\microsoft\windows
nt\currentversion\appcompatflags\custom\calc.exe
                                   HKLM\software\wow6432node\microsoft\windows nt\currentversion\image file
  Opens key:
execution options\calc.exe
  Opens key:
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  Opens key:
                                   HKLM\software\wow6432node\microsoft\windows
nt\currentversion\profilelist
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  Opens key:
  Opens key:
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  Opens key:
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  Opens key:
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                                   HKCU\software\classes\autoproxytypes\application/x-ns-proxy-autoconfig
  Opens key:
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  Opens key:
68ad-4d8a-87bd-30b759fa33dd}
HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{1777f761-164644, 1777f761-16464, 1777f76164, 1777f76164, 1777f76164, 1777f7616464, 1777f76164, 1777f76164, 1777f76164, 1777f76
68 ad-4d8 a-87 bd-30 b759 fa 33 dd \} \verb|\property| bag
  Opens key:
                                   HKLM\software\microsoft\windows nt\currentversion\image file execution
options\rundll32.exe
```

Opens key: HKLM\software\microsoft\windows

```
nt\currentversion\appcompatflags\custom\rundll32.exe
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   Opens key:
                                                HKCU\software\microsoft\windows nt\currentversion\appcompatflags
   Opens key:
                                                HKLM\software\policies\microsoft\internet
explorer\main\featurecontrol\feature_include_port_in_spn_kb908209
   Opens key:
                                                HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_include_port_in_spn_kb908209
                                                HKLM\software\wow6432node\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature_include_port_in_spn_kb908209
   Opens key:
                                                HKLM\software\policies\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling
   Opens key:
                                                HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling
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   Opens key:
explorer\main\featurecontrol\feature_mime_handling
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migration\providers\tcpip6
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   Opens key:
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199fdba5723b}
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   Opens key:
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199fdba5723b}\treatas
   Opens key:
                                                HKCR \setminus wow6432 node \\ clsid \\ \{dcb00c01-570f-4a9b-8d69-199fdba5723b\} \\ \setminus treatas
   Opens key:
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   Opens kev:
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   Opens kev:
                                                HKCU\software\microsoft\windows\windows error reporting
   Opens key:
   Opens key:
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   Opens key:
                                                HKCR\appid\w2x5c34.exe
                                                HKLM\software\wow6432node\microsoft\ole\appcompat
   Opens key:
```

HKLM\software\microsoft\ole\appcompat

HKLM\system\currentcontrolset\control\lsa

Opens key: Opens key: Opens key:

```
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provider
   Opens key:
                                             HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy
   Opens key:
\label{thm:local_equation} \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{tabular} control set \end{tabular} control set \end{tabular} volume \begin{tabular}{ll} hKLM \end{tabular} system \end{tabular} control set \end{t
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                         HKLM\software\policies\microsoft\windows\currentversion\internet
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settings\5.0\lowcache\extensible cache
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Queries value: HKCU\software\microsoft\windows\currentversion\internet

settings[syncmode5]

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

settings\5.0\cache[sessionstarttimedefaultdeltasecs]

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

settings\5.0\cache[signature]

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

settings\5.0\cache\content[peruseritem]

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

settings\5.0\cache\content[peruseritem]

Oueries value:

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

Queries value:

Oueries value:

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

Queries value:

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

Queries value:

Queries value:

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

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ 352481e8-33be-4251-ba85-6007 caed \ for the limit of the limit$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ 352481e8-33be-4251-ba85-6007 caedcf9d \ [localized name]$ 

Queries value:

 $\label{thm:local-basic$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ icrosoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{352481e8-33be-4251-ba85-6007 caed \ f9d\} [security]$ 

Queries value:

Queries value:

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

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ 352481e8-33be-4251-ba85-6007 caedcf9d \ [local redirectonly]$ 

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

Queries value:

Queries value:

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

Queries value:

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

folders[cache]

Queries value:

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

Oueries value:

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

Oueries value:

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

Oueries value:

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

Oueries value:

 $\label{lem:hklm} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \fiba-24fcf-9d55-7b8e7f157091 \[ relative path \]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm \correct windows \current version \explorer \folder descriptions \fib 32785-65ba-4fcf-9d55-7b8e7f157091 \correct \correct$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\ff1b32785-6fba-4fcf-9d55-7b8e7f157091\} [infotip]$ 

Queries value:

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

Queries value:

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

Oueries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm \color= \co$ 

Queries value:

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

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm \end{fiba} \begin{tabular}{ll} Hklm \end{fiba} \begin{tabular}{ll} Hklm \end{tabular} \begin$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm \end{fiba} This area wow6432node in crossft windows \end{fiba}. The substitution \end{fiba} This area wow6432node in crossft windows \end{fiba}. This area wow6432node in crossft windows \end{fiba}.$ 

Queries value:

 $\label{lem:hklm} HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\ff1b32785-6fba-4fcf-9d55-7b8e7f157091\[roamable\]$ 

Queries value:

 $\label{lem:hklm} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folder descriptions\fifthed folder descriptions \fifthed folder \fifthed fol$ 

Queries value:

 $\label{thm:local-ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \fiba-4fcf-9d55-7b8e7f157091 \[stream]$ 

Queries value:

 $\label{thm:local-ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \fiba-2785-66ba-4fcf-9d55-7b8e7f157091 \[publish expanded path]\]$ 

Queries value:

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

Queries value:

 $\label{lem:hklmsoftware} HKLM \software \wow 6432 node \mbox{f1b32785-6fba-4fcf-9d55-7b8e7f157091} [folder type id] \\$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \fine 157091 \cite{thmsoftware} in the label \cite{thmsoftware} folder \cite{thmsoftware} f$ 

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

folders[local appdata]

Oueries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\\folderdescriptions\\\{5e6c858f-0e22-4760-9afe-ea3317b67173\}[category]$ 

Queries value:

 $\label{lem:hklm} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folder descriptions\folder 173\folder 173\fo$ 

Queries value:

 $\label{lem:hklmsoftware} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folder descriptions\folder\folde$ 

Queries value:

 $\label{thm:local-bound} $HKLM \cdot software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \current \cu$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm \end{array} In the constant of the$ 

Queries value:

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

Queries value:

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

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{5e6c858f-0e22-4760-9afe-ea3317b67173\} \ [localized name]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fo$ 

Oueries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fo$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{5e6c858f-0e22-4760-9afe-ea3317b67173\} [stream resource]$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ icrosoft \ windows \ current version \ explorer \ folder descriptions \ \{5e6c858f-0e22-4760-9afe-ea3317b67173\} [stream resource type]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fo$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fo$ 

Oueries value:

 $\label{local-bound} HKLM \software \wow 6432 node \windows \current version \explorer \folder descriptions \folder \$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{5e6c858f-0e22-4760-9afe-ea3317b67173\} [stream]$ 

Oueries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\folderdesc$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{5e6c858f-0e22-4760-9afe-ea3317b67173\} [attributes]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{5e6c858f-0e22-4760-9afe-ea3317b67173\} \ [folder type id]$ 

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-9afe-ea3317b67173}[initfolderhandler]

Queries value: HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-21-

2469590586-531574596-741558139-1004[profileimagepath]

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

settings\5.0\cache\content[cacheprefix]

 $\label{thm:condition} Queries \ value: \\ HKCU \ software \ microsoft \ windows \ current version \ internet$ 

settings\5.0\cache\content[cachelimit]

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

settings\5.0\cache\cookies[peruseritem]

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

settings\5.0\cache\cookies[peruseritem]

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cdot$ 

Queries value

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\\folderdescriptions\\\{2b0f765d-c0e9-4171-908e-08a611b84ff6\}[name]$ 

Oueries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cdot{2b0f765d-c0e9-4171-908e-08a611b84ff6}[parentfolder]$ 

Queries value

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \ \ coe9-4171-908e-08a611b84ff6 \ [description]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fo$ 

Queries value

 $\label{lem:hklmsoftwarewow6432node} HKLM \software \wow6432 node \mbox{\current} windows \current version \explorer \folder descriptions \current version \explorer \folder descriptions \current version \explorer \folder descriptions \current \c$ 

Queries value:

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{2b0f765d-c0e9-4171-908e-08a611b84ff6\} \ [localized name]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cdot{\{2b0f765d-c0e9-4171-908e-08a611b84ff6\}[icon]}$ 

Queries value:

Queries value:

 $\label{thm:local-bound} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\folderdescrip$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{2b0f765d-c0e9-4171-908e-08a611b84ff6\} [stream resource type]$ 

Queries value

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{2b0f765d-c0e9-4171-908e-08a611b84ff6\} \ [local redirectonly]$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{2b0f765d-c0e9-4171-908e-08a611b84ff6\} \ [roamable]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cdot{2b0f765d-c0e9-4171-908e-08a611b84ff6}[precreate]$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{2b0f765d-c0e9-4171-908e-08a611b84ff6\} [stream]$ 

Queries value:

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{2b0f765d-c0e9-4171-908e-08a611b84ff6\}[attributes]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cdot{2b0f765d-c0e9-4171-908e-08a611b84ff6}[foldertypeid]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ icrosoft \ windows \ current version \ explorer \ folder descriptions \ \{2b0f765d-c0e9-4171-908e-08a611b84ff6\} [initfolder handler]$ 

Queries value:

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

folders[cookies]

Queries value:

 $\label{lem:hklmsoftware} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \$ 

Queries value

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\} \ [name]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[parentfolder]}$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\} \ [description]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[relative path]}$ 

Oueries value

 $\label{thm:local-basis} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \footnote{1}{3eb685db-65f9-4cf6-a03a-e3ef65729f3d} \cite{1}{parsing name} \]$ 

Queries value:

 $\label{lem:hklmsoftware} HKLM \software \wow 6432 node \mbox{$3eb685db-65f9-4cf6-a03a-e3ef65729f3d} [infotip]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[localized name]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\calebox{3eb685db-65f9-4cf6-a03a-e3ef65729f3d}\cite{Constraints} icon\cite{Constraints} and the second second$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fo$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cite{2.0} \end{constraints} $$Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cite{2.0} \end{constraints} $$49685db-65f9-4cf6-a03a-e3ef65729f3d\cite{2.0} \end{constraints} $$19685db-65f9-4cf6-a03a-e3ef65729f3d\cite{2.0} \end{constraints} $$19685db-65f9-4cf6-a$ 

Queries value

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fo$ 

Queries value

 $\label{lem:hklmsoftware} HKLM \software \wow 6432 node \mbox{$3eb685db-65f9-4cf6-a03a-e3ef65729f3d} [local redirection] \\$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[roamable]} \\$ 

Queries value

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fo$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[stream]}$ 

Queries value

 $\label{lem:hklmsoftwarewow6432} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \fo$ 

Queries value:

Oueries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[foldertypeid]}$ 

Oueries value

 $\label{lem:hklmsoftwarewow6432node} Hklm \color= \co$ 

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

folders[appdata]

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

settings\5.0\cache\cookies[cacheprefix]

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

settings\5.0\cache\cookies[cachelimit]

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

settings\5.0\cache\history[peruseritem]

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

settings\5.0\cache\history[peruseritem]

Queries value:

 $\label{local-bound} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432e-a781-5a1130a75963\}[category]}$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [name]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [parent folder]$ 

Queries value:

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [relative path]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [parsing name]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} [infotip]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [localized name]$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ icrosoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ ficon \ label{eq:hklm}$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\}[security]$ 

Queries value:

 $\label{thm:local-bound} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \f$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\}[stream resource type]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432e-a781-5a1130a75963\}[localredirectonly]}$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [roamable]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm \color= \co$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\}[stream]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} \ [publish expanded path]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{d9dc8a3b-b784-432e-a781-5a1130a75963\} [attributes]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432e-a781-5a1130a75963\}[foldertypeid]}$ 

Queries value:

HKLMM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3bb784-432e-a781-5a1130a75963}[initfolderhandler]

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

folders[history]

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

settings\5.0\cache\history[cacheprefix]

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

settings\5.0\cache\history[cachelimit]

Queries value: HKLM\software\wow6432node\microsoft\windows\windows error

```
reporting\wmr[disable]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\domstore[cacherepair]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\domstore[cachepath]
  Queries value:
                                   \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \current \end{tensor}
settings\5.0\cache\extensible cache\domstore[cacheprefix]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\domstore[cachelimit]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\domstore[cacheoptions]
                                   \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma substitution \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
  Queries value:
settings\5.0\cache\extensible cache\feedplat[cacherepair]
                                   \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma substitution \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} in the lemma substitution \cite{thm:lem:hkcu} and 
  Oueries value:
settings\5.0\cache\extensible cache\feedplat[cachepath]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\feedplat[cacheprefix]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\feedplat[cachelimit]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\feedplat[cacheoptions]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\iecompat[cacherepair]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\iecompat[cachepath]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\iecompat[cacheprefix]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\iecompat[cachelimit]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\iecompat[cacheoptions]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\ietld[cacherepair]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\ietld[cachepath]
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\ietld[cacheprefix]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\ietld[cachelimit]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\ietld[cacheoptions]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\mshist012016012520160201[cacherepair]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012016012520160201[cachepath]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\extensible cache\mshist012016012520160201[cacheprefix]
  Queries value:
                                   \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \current \end{tensor}
settings\5.0\cache\extensible cache\mshist012016012520160201[cachelimit]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012016012520160201[cacheoptions]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\mshist012016020820160209[cacherepair]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012016020820160209[cachepath]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012016020820160209[cacheprefix]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\mshist012016020820160209[cachelimit]
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012016020820160209[cacheoptions]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012016021220160213[cacherepair]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\mshist012016021220160213[cachepath]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\mshist012016021220160213[cacheprefix]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\mshist012016021220160213[cachelimit]
                                   HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\cache\extensible cache\mshist012016021220160213[cacheoptions]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\privacie:[cacherepair]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\privacie:[cachepath]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\privacie:[cacheprefix]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\privacie:[cachelimit]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\extensible cache\privacie:[cacheoptions]
                                   HKCU\software\policies\microsoft\windows\currentversion\internet
  Oueries value:
settings[enableautoproxyresultcache]
```

Oueries value: HKCU\software\policies\microsoft\windows\currentversion\internet settings[displayscriptdownloadfailureui] Oueries value: HKCU\software\policies\microsoft\windows\currentversion\internet settings[mbcsservername] HKCU\software\policies\microsoft\windows\currentversion\internet Oueries value: settings[mbcsapiforcrack] 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] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9[next\_catalog\_entry\_id] Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9[num\_catalog\_entries] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\00000000001[packedcatalogitem] Queries value:  $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ protocol\_catalog \ catalog\_entries \ 00000000000002 \ [packed catalog item]$ Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\00000000003[packedcatalogitem] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000004[packedcatalogitem] Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\00000000006[packedcatalogitem] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\00000000007[packedcatalogitem] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000008[packedcatalogitem] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000010[packedcatalogitem] Oueries value: Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5[serial\_access\_num] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5[num\_catalog\_entries] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000001[librarypath] Queries value:  $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 000000000001[displaystring])$ Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000001[providerid] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000001[addressfamily] Queries value:  $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space \_ catalog 5 \ (catalog\_entries \ 000000000001 [supported name space]$ Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000001[enabled] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000001[version] Oueries value: Queries value: Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000002[librarypath] Queries value:  $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000002 \ [displaystring]$ Queries value: Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[addressfamily] Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000002[supportednamespace] Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[enabled] Queries value:  $HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap ameters \setminus namespace\_catalog 5 \setminus catalog\_entries \setminus 00000000000002 [version]$ Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[storesserviceclassinfo] Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[providerinfo]

 $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog\_catalog\_entries \ (000000000003[library path])$ 

Queries value:

Queries value:

```
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[displaystring] Oueries value:
```

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[providerid]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[addressfamily]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[supportednamespace]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000003[enabled]

Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000003[version]

HKLM\system\currentcontrolset\services\winsockZ\parameters\namespace\_catalog5\catalog\_entries\00000000000010s[version] Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[storesserviceclassinfo]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000003[providerinfo] Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000004[librarypath]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[displaystring]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[providerid]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000004[addressfamily]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000004[supportednamespace]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[enabled]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[version]

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[storesserviceclassinfo] Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[providerinfo]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[librarypath]

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

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000005[providerid]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000005[addressfamily] Queries value:

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

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[enabled]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000005[version]

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000005[storesserviceclassinfo] Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000005[providerinfo]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000006[librarypath]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[displaystring]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000006[providerid]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[addressfamily]

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[supportednamespace]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000006[enabled]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000006[version]
Queries value:

 $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace\_catalog5 \ catalog\_entries \ 000000000006 \ [storesserviceclass info] \ Queries \ value:$ 

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[providerinfo]
Oueries value:

 $HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \setminus parameters [ws 2\_32 numhandle buckets]$ 

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

settings[utf8servernameres]

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

settings[disableworkerthreadhibernation]

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

settings[disableworkerthreadhibernation]

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

settings[disablereadrange]

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

settings[socketsendbufferlength]

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

settings[socketreceivebufferlength]

Oueries value: HKCU\software\microsoft\windows\currentversion\internet settings[keepalivetimeout] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[maxhttpredirects] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[maxconnectionsperserver] HKLM\software\wow6432node\microsoft\windows\currentversion\internet Queries value: settings[maxconnectionsperserver] Queries value: HKCU\software\microsoft\windows\currentversion\internet settings[maxconnectionsper1\_0server] HKLM\software\wow6432node\microsoft\windows\currentversion\internet Oueries value: settings[maxconnectionsper1\_0server] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[maxconnectionsperproxy] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[serverinfotimeout] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[connecttimeout] HKLM\software\wow6432node\microsoft\windows\currentversion\internet Queries value: settings[connecttimeout] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[connectretries] HKI M\software\wow6432node\microsoft\windows\currentversion\internet Oueries value: settings[connectretries] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[sendtimeout]  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet$ Queries value: settings[sendtimeout] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[receivetimeout] HKLM\software\wow6432node\microsoft\windows\currentversion\internet Oueries value: settings[receivetimeout] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[disablentlmpreauth] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[scavengecachelowerbound] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[certcachenovalidate] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings\5.0\cache[scavengecachefilelifetime] Queries value: HKCU\software\policies\microsoft\windows\currentversion\internet settings\5.0\cache[scavengecachefilelimit] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings\5.0\cache[scavengecachefilelimit] Oueries value: HKLM\software\wow6432node\microsoft\windows\currentversion\internet settings\5.0\cache[scavengecachefilelimit] Queries value: HKCU\software\microsoft\windows\currentversion\internet settings[httpdefaultexpirytimesecs] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[ftpdefaultexpirytimesecs] Queries value: HKLM\software\wow6432node\microsoft\internet explorer\main\featurecontrol\feature disable unicode handle closing callback[w2x5c34.exe] Queries value: HKLM\software\wow6432node\microsoft\internet explorer\main\featurecontrol\feature\_disable\_unicode\_handle\_closing\_callback[\*] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[disablecachingofsslpages] Oueries value: HKCU\software\microsoft\windows\currentversion\internet settings[perusercookies]  $\label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma soft \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.$ Queries value: settings[leashlegacycookies] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[dialupuselansettings] HKLM\software\wow6432node\microsoft\windows\currentversion\internet Queries value: settings[dialupuselansettings] Queries value: HKCU\software\microsoft\windows\currentversion\internet settings[sendextracrlf] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[wpadsearchalldomains] Queries value: HKCU\software\microsoft\windows\currentversion\internet settings[bypasshttpnocachecheck] Queries value:  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet$ settings[bypasshttpnocachecheck] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[bypasssslnocachecheck] Queries value:  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet$ settings[bypasssslnocachecheck] Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\internet settings[enablehttptrace] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[nocheckautodialoverride] Queries value:  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet$ settings[nocheckautodialoverride]

HKCU\software\microsoft\windows\currentversion\internet

Queries value:

```
settings[dontusednsloadbalancing]
 Oueries value:
                             HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[dontusednsloadbalancing]
  Queries value:
                             HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[sharecredswithwinhttp]
  Queries value:
                             \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma substitution \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
settings[mimeexclusionlistforcache]
                             \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma substitution \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
  Oueries value:
settings[headerexclusionlistforcache]
  Oueries value:
                             HKCU\software\microsoft\windows\currentversion\internet
settings[dnscacheenabled]
  Queries value:
                             \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma soft \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
settings[dnscacheentries]
                             \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma substitution \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
  Oueries value:
settings[dnscachetimeout]
  Queries value:
                             HKCU\software\microsoft\windows\currentversion\internet
settings[warnonpost]
  Queries value:
                             HKCU\software\microsoft\windows\currentversion\internet
settings[warnalwaysonpost]
                             HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings[warnonzonecrossing]
                             HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings[warnonbadcertrecving]
  Queries value:
                             HKCU\software\microsoft\windows\currentversion\internet
settings[warnonpostredirect]
                             HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings[alwaysdrainonredirect]
                             HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings[warnonhttpstohttpredirect]
  Queries value:
HKLM\system\currentcontrolset\control\lsa\accessproviders[martaextension]
                             HKLM\system\currentcontrolset\services\ldap[ldapclientintegrity]
  Queries value:
                             HKLM\system\currentcontrolset\services\ldap[useoldhostresolutionorder]
  Queries value:
  Queries value:
                             HKLM\system\currentcontrolset\services\ldap[usehostnameasalias]
  Oueries value:
                             HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[tcpautotuning]
  Oueries value:
                             HKLM\svstem\currentcontrolset\services\winsock\parameters[transports]
  Oueries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[mapping]
                             HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[mapping]
  Queries value:
  Oueries value:
                             HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\tcpip[winsock 2.0 provider id]
  Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters \setminus winsock [minsock addrlength]
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[maxsockaddrlength]
  Queries value:
Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[helperdllname]
                             HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings\wpad[wpadoverride]
  Queries value:
                             HKCU\software\microsoft\windows\currentversion\internet
settings[enableautodial]
                             HKCU\software\microsoft\windows\currentversion\internet
 Oueries value:
settings[nonetautodial]
  Oueries value:
                             HKCU\software\microsoft\windows\currentversion\internet
settings[globaluseroffline]
                             HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
settings[badproxyexpirestime]
  Queries value:
                             HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[disablebranchcache]
                             HKLM\software\microsoft\windows
  Queries value:
nt\currentversion\peerdist\service[enable]
                             HKLM\software\wow6432node\microsoft\internet
  Queries value:
explorer\main\featurecontrol\feature_http_username_password_disable[w2x5c34.exe]
                            HKLM\software\wow6432node\microsoft\internet
  Queries value:
explorer\main\featurecontrol\feature_http_username_password_disable[*]
  Queries value:
                             HKLM\system\currentcontrolset\services\tcpip\parameters[hostname]
                             HKLM\system\currentcontrolset\services\tcpip\parameters[domain]
  Oueries value:
  Queries value:
                             HKLM\system\currentcontrolset\control\sqmservicelist[sqmservicelist]
HKLM\system\currentcontrolset\services\dnscache\parameters\dnscache[shutdownonidle]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[queryadaptername]
  Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disableadapterdomainname]
  Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usedomainnamedevolution]
  Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[usedomainnamedevolution]
  Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [domain named evolution level]
```

Oueries value:  $HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [prioritize record data]$ Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[prioritizerecorddata] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[allowunqualifiedquery] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[allowunqualifiedquery] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[appendtomultilabelname] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[screenbadtlds] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[screenunreachableservers] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[screendefaultservers] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[dynamicserverqueryorder] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[filterclusterip] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[waitfornameerroronall] Oueries value: Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[dnssecurenamequeryfallback] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[enabledaforallnetworks] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[directaccessqueryorder] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[queryipmatching] HKLM\system\currentcontrolset\services\dnscache\parameters[usehostsfile] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[addrconfigcontrol] Oueries value: Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[disabledynamicupdate] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registerprimaryname] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registeradaptername] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[enableadapterdomainnameregistration] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registerreverselookup] Queries value: Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registerwanadapters] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[disablewandynamicupdate] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registrationttl] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationttl] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registrationrefreshinterval] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationrefreshinterval] Queries value: Queries value: Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[updatesecuritylevel] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[updatesecuritylevel] Queries value: HKLM\svstem\currentcontrolset\services\dnscache\parameters[updatetopleveldomainzones] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[downcasespncauseapiowneristoolazy] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registrationoverwrite] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachesize] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachettl] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[maxnegativecachettl] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[adaptertimeoutlimit] Queries value:

 $\label{lem:hklmsystem} $$HKLM \simeq \operatorname{lem:} Control set \end{services} $$\operatorname{Queries value}:$ 

```
HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachedsockets]
       Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enablemulticast]
       Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [multicastresponder flags]
       Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsenderflags]
       Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsendermaxtimeout]
       Queries value:
                                                                                                     HKLM\system\currentcontrolset\services\dnscache\parameters[dnstest]
       Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usecompartments]
       Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[cacheallcompartments]
       Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usenewregistration]
       Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistration]
      Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistrationonly]
       Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquerytimeouts]
       Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquerytimeouts]
      Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquickquerytimeouts]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquickquerytimeouts]
       Oueries value:
HKLM \ system \ current controls et \ services \ tcpip6 \ parameters \ interfaces \ \{fd5823ee-42c7-4e05-bbeb-1964, and the system \ current \ controls et \ services \ tcpip6 \ parameters \ interfaces \ tcpip6 \ parameters \ description \ 
8fdd7209a8ac}[searchlist]
       Queries value:
HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{fd5823ee-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-4
8fdd7209a8ac}[enabledhcp]
       Oueries value:
8fdd7209a8ac}[registrationenabled]
       Queries value:
HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{fd5823ee-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-4
8fdd7209a8ac}[registeradaptername]
       Oueries value:
8fdd7209a8ac}[domain]
       Queries value:
HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{fd5823ee-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-42c7-4e05-bbeb-4
8fdd7209a8ac}[dhcpdomain]
       Queries value:
8fdd7209a8ac}[nameserver]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{fd5823ee-42c7-4e05-bbeb-
8fdd7209a8ac}[dhcpnameserver]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{1896ba32-049e-19e0-bea1-
806e6f6e6963}[enabledhcp]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{1896ba32-049e-19e0-bea1-
806e6f6e6963}[registrationenabled]
       Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{1896ba32-049e-19e0-bea1-
806e6f6e6963}[registeradaptername]
       Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{1896ba32-049e-19e0-bea1-
806e6f6e6963}[domain]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{1896ba32-049e-19e0-bea1-
806e6f6e6963}[dhcpdomain]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{1896ba32-049e-19e0-bea1-
806e6f6e6963}[nameserver]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{1896ba32-049e-19e0-bea1-
806e6f6e6963}[dhcpnameserver]
       Queries value:
                                                                                                    HKLM\system\currentcontrolset\services\tcpip\linkage[bind]
       Queries value:
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     Oueries value:
\label{thm:local_equation} \begin{tabular}{ll} HKLM \end{tabular} $$HKLM \end{tabular} $$ HKLM \end{tabular} $$ \end{tabular} $$ \end{tabular} $$ HKLM \end{tabular} $$ \end{tabular} $$ HKLM \end{tabular} $$ \end{tabular} $$$ \end{tabular} $$$ \end{tabular} $$$ \end{tabular} $
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HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[enablefiletracing]
     Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[filetracingmask]
    Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[enableconsoletracing]
HKLM\software\wow6432node\microsoft\tracing\w2x5c34 rasapi32[consoletracingmask]
     Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[maxfilesize]
    Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[filedirectory]
                                                                          HKLM\software\microsoft\windows
nt\currentversion\profilelist[programdata]
     Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[enablefiletracing]
    Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[filetracingmask]
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[enableconsoletracing]
     Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[consoletracingmask]
    Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[maxfilesize]
     Oueries value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[filedirectory]
                                                                          HKLM\software\policies\microsoft\windows\currentversion\internet
     Oueries value:
 settings[proxysettingsperuser]
    Queries value:
                                                                          HKCU\software\microsoft\windows\currentversion\internet
 settings[migrateproxy]
                                                                          HKCU\software\microsoft\windows\currentversion\internet
     Queries value:
settings[proxyenable]
     Queries value:
                                                                          HKCU\software\microsoft\windows\currentversion\internet
 settings[proxyserver]
                                                                          HKCU\software\microsoft\windows\currentversion\internet
    Queries value:
 settings[proxyoverride]
    Queries value:
                                                                          HKCU\software\microsoft\windows\currentversion\internet
settings[autoconfigurl]
     Queries value:
                                                                          HKCU\software\microsoft\windows\currentversion\internet
 settings\connections[savedlegacysettings]
                                                                          HKCU\software\microsoft\windows\currentversion\internet
    Oueries value:
 settings\connections[defaultconnectionsettings]
    Queries value:
                                                                         HKCU\software\microsoft\windows\currentversion\internet
settings[autoconfigcustomua]
     Queries value:
                                                                          HKCR\autoproxytypes\application/x-internet-signup[dllfile]
                                                                          HKCR\autoproxytypes\application/x-internet-signup[fileextensions]
     Oueries value:
     Oueries value:
                                                                          HKCR\autoproxytypes\application/x-internet-signup[default]
     Oueries value:
                                                                          HKCR\autoproxytypes\application/x-internet-signup[flags]
```

Queries value: HKCR\autoproxytypes\application/x-ns-proxy-autoconfig[dllfile] Oueries value: HKCR\autoproxytypes\application/x-ns-proxy-autoconfig[fileextensions] Queries value: HKCR\autoproxytypes\application/x-ns-proxy-autoconfig[default]

Queries value: HKCR\autoproxytypes\application/x-ns-proxy-autoconfig[flags]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} \ [category]$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd \ finame \ label{eq:finame}$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} [parent folder]$ 

Oueries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm \color= \co$ 

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\}[relative path]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} [parsing name]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} [infotip]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} \ [localized name]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ icrosoft \ windows \ current version \ \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} [icon]$ 

Oueries value:

 $\label{thm:local-ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \fol$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} [stream resource]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\eqnumber 1777f761-68ad-4d8a-87bd-30b759fa33dd\end{array} [streamresourcetype]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\eqnumber 1777f761-68ad-4d8a-87bd-30b759fa33dd\end{flocal} [local redirectionly]$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} \ [roamable]$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\eqnumber 1777f761-68ad-4d8a-87bd-30b759fa33dd\currentversion\eqnumber 1777f761-68ad-4d8a-87bd-30b759fa33d\currentversion\eqnumber 1777f761-68ad-4d8a-87bd-30b759fa33d\currentversion\eqnumbe$ 

Queries value:

 $\label{thm:local-ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \fo$ 

Queries value:

 $\label{thm:local-ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \folder descriptions \folder \fol$ 

Queries value:

 $\label{thm:hklmsoftware} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \descriptions \folder \folder \folder \descriptions \folder \fo$ 

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{1777f761-68ad-4d8a-87bd-30b759fa33dd}[foldertypeid]

Queries value:

 $HKLM \ software \ wow 6432 node \ icrosoft \ windows \ current version \ \ explorer \ folder descriptions \ \{1777f761-68ad-4d8a-87bd-30b759fa33dd\} [initfolder \ handler]$ 

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

folders[favorites]

Oueries value: HKCU\software\microsoft\windows

 $nt\current version\app compatflags\layers[c:\windows\system32\rundl132.exe]$ 

Queries value: HKLM\software\microsoft\windows

 $nt\current version\app compatflags [\{d97b6486-0cfa-44d8-acc2-0f8b5941e889\}]$ 

Queries value: HKCU\software\microsoft\windows

 $nt\current version\app compatflags \hbox{\tt [\{d97b6486-0cfa-44d8-acc2-0f8b5941e889\}]}\\$ 

Queries value: HKLM\software\microsoft\windows

 $nt \verb|\currentversion| app compatflags[\{44480e68-dfd5-435f-bdfe-b8246fc9f90f\}]|$ 

Queries value: HKCU\software\microsoft\windows

nt\currentversion\appcompatflags[{44480e68-dfd5-435f-bdfe-b8246fc9f90f}]
 Queries value: HKLM\software\wow6432node\microsoft\internet

explorer\main\featurecontrol\feature\_mime\_handling[w2x5c34.exe]

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

explorer\main\featurecontrol\feature\_mime\_handling[\*]

Queries value: HKLM\system\currentcontrolset\services\winsock\setup

migration\providers\tcpip6[winsock 2.0 provider id]

Queries value:

 $HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \{ parameters \setminus winsock [minsock addrlength] \} \}$ 

Queries value:

```
Oueries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[usedelayedacceptance]
   Oueries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[helperdllname]
                                              HKLM\svstem\currentcontrolset\services\netbt\linkage[export]
   Oueries value:
   Queries value:
                                               HKLM\software\microsoft\com3[com+enabled]
                                               HKCR\wow6432node\clsid\{dcb00c01-570f-4a9b-8d69-199fdba5723b}[]
   Oueries value:
   Oueries value:
                                              HKCR\wow6432node\clsid\{dcb00c01-570f-4a9b-8d69-
199fdba5723b}\inprocserver32[inprocserver32]
                                              HKCR\wow6432node\clsid\{dcb00c01-570f-4a9b-8d69-
   Oueries value:
199fdba5723b}\inprocserver32[]
   Queries value:
                                              HKCR\wow6432node\clsid\{dcb00c01-570f-4a9b-8d69-
199fdba5723b}\inprocserver32[threadingmodel]
                                              HKLM\software\microsoft\ole[maxsxshashcount]
   Oueries value:
   Queries value:
                                              HKLM\software\microsoft\rpc\extensions[ndroleextdll]
   Queries value:
                                              HKLM\software\wow6432node\microsoft\windows
nt\currentversion\compatibilitv32[werfault]
   Queries value:
                                              HKCR\wow6432node\clsid\{a47979d2-c419-11d9-a5b4-001185ad2b89}[]
   Queries value:
                                               HKLM\system\currentcontrolset\control\wmi\security[5ef9ec44-fb87-4f51-
af4e-ced0840132811
   Queries value:
                                               HKLM\system\currentcontrolset\control\wmi\security[7930f74b-e328-4350-
89c6-11fd93771488]
   Oueries value:
                                               HKLM\software\microsoft\windows\windows error reporting[traceflags]
   Queries value:
                                               HKLM\software\microsoft\windows\windows error reporting[noreflection]
   Queries value:
                                               HKCU\software\microsoft\windows\windows error reporting[noreflection]
                                               {\it HKLM} \verb|\software\m| icrosoft\\| ole\\| appcompat[raised efault authnlevel]
   Oueries value:
   Queries value:
                                               HKLM\software\microsoft\ole[defaultaccesspermission]
   Queries value:
                                               HKLM\system\currentcontrolset\control\lsa[everyoneincludesanonymous]
   Oueries value:
HKLM \ software \ wow 6432 node \ microsoft \ cryptography \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ defaults \ provider \
provider[type]
   Queries value:
HKLM \ software \ wow 6432 node \ microsoft \ cryptography \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \
provider[image path]
                                               Oueries value:
manager[safeprocesssearchmode]
                                              HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy[enabled]
   Oueries value:
   Oueries value:
                                              HKLM\system\currentcontrolset\control\lsa[fipsalgorithmpolicy]
   Queries value:
                                              HKLM\software\policies\microsoft\cryptography[privkeycachemaxitems]
   Queries value:
HKLM \setminus software \setminus policies \setminus microsoft \setminus cryptography [privkey cachepurge interval seconds] \\
                                              HKLM\software\policies\microsoft\cryptography[privatekeylifetimeseconds]
   Queries value:
                                               HKLM\software\microsoft\cryptography[machineguid]
   Oueries value:
   Oueries value:
                                              HKCR\wow6432node\interface\{00000134-0000-0000-c000-
00000000046}\proxystubclsid32[]
                                              HKLM\software\microsoft\rpc\extensions[remoterpcdll]
   Queries value:
   Queries value:
                                              HKLM\software\microsoft\ole[maximumallowedallocationsize]
   Queries value:
                                              199fdba5723b}\proxystubclsid32[]
                                              HKCR\wow6432node\clsid\{1299cf18-c4f5-4b6a-bb0f-2299f0398e27}[]
   Queries value:
                                               HKCR\wow6432node\clsid\{1299cf18-c4f5-4b6a-bb0f-}
   Oueries value:
2299f0398e27}\inprocserver32[inprocserver32]
   Queries value:
                                              HKCR\wow6432node\clsid\{1299cf18-c4f5-4b6a-bb0f-
2299f0398e27}\inprocserver32[]
                                              HKCR\wow6432node\clsid\{1299cf18-c4f5-4b6a-bb0f-
   Oueries value:
2299f0398e27}\inprocserver32[threadingmodel]
   Queries value:
                                              HKCR\wow6432node\interface\{26656eaa-54eb-4e6f-8f85-
4f0ef901a406}\proxystubclsid32[]
   Oueries value:
                                              6d613e2ceaec}\proxystubclsid32[]
   Queries value:
                                              HKCR\wow6432node\interface\{55272a00-42cb-11ce-8135-
00aa004bb851}\proxystubclsid32[]
                                              HKCR\wow6432node\clsid\{b196b286-bab4-101a-b69c-00aa00341d07}[]
   Queries value:
   Queries value:
                                              HKCR\wow6432node\clsid\{b196b286-bab4-101a-b69c-
00aa00341d07}\inprocserver32[inprocserver32]
                                              HKCR\wow6432node\clsid\{b196b286-bab4-101a-b69c-
   Oueries value:
00aa00341d07}\inprocserver32[]
                                              HKCR\wow6432node\clsid\{b196b286-bab4-101a-b69c-
   Queries value:
00aa00341d07}\inprocserver32[threadingmodel]
   Oueries value:
                                              HKCR\wow6432node\interface\{bcd1de7e-2db1-418b-b047-
4a74e101f8c1}\proxystubclsid32[]
                                              HKCR\wow6432node\interface\{2a1c9eb2-df62-4154-b800-
   Oueries value:
63278fcb8037}\proxystubclsid32[]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\wpad[wpadlastnetwork]
   Oueries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings[autoproxydetecttype]
                                              HKLM\software\wow6432node\microsoft\internet
   Queries value:
explorer\main\featurecontrol\feature unc savedfilecheck[w2x5c34.exel
   Oueries value:
                                              HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_unc_savedfilecheck[*]
                                              HKCU\software\microsoft\internet
   Oueries value:
```

explorer\security[disablesecuritysettingscheck]

```
Queries value:
                           HKLM\software\wow6432node\microsoft\internet
explorer\security[disablesecuritysettingscheck]
 Oueries value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[flags]
                           HKCU\software\microsoft\windows\currentversion\internet
 Oueries value:
settings\zones\1[flags]
 Queries value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\2[flags]
 Queries value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[flags]
                           HKCU\software\microsoft\windows\currentversion\internet
 Oueries value:
settings\zones\4[flags]
 Queries value:
                           HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_localmachine_lockdown[w2x5c34.exe]
 Queries value:
                           HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_localmachine_lockdown[*]
                          HKLM\software\wow6432node\microsoft\internet
 Oueries value:
explorer\main\featurecontrol\feature_localmachine_lockdown[w2x5c34.exe]
 Queries value:
                          HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_localmachine_lockdown[*]
 Queries value:
                           HKLM\software\policies\microsoft\windows\currentversion\internet
settings[createuricachesize]
                          HKCU\software\policies\microsoft\windows\currentversion\internet
 Oueries value:
settings[createuricachesize]
                          HKCU\software\microsoft\windows\currentversion\internet
 Queries value:
settings[createuricachesize]
                           Queries value:
settings[createuricachesize]
                           HKLM\software\policies\microsoft\windows\currentversion\internet
 Oueries value:
settings[enablepunycode]
                           HKCU\software\policies\microsoft\windows\currentversion\internet
 Oueries value:
settings[enablepunycode]
                           HKCU\software\microsoft\windows\currentversion\internet
 Queries value:
settings[enablepunycode]
                           HKCU\software\microsoft\internet explorer\ietld[ietlddllversionlow]
 Oueries value:
 Queries value:
                           HKCU\software\microsoft\internet explorer\ietld[ietlddllversionhigh]
                           HKCU\software\microsoft\internet explorer\ietld[ietldversionlow]
 Oueries value:
                           HKCU\software\microsoft\internet explorer\ietld[ietldversionhigh]
 Oueries value:
                           HKCU\software\microsoft\windows\currentversion\internet
 Queries value:
settings\zonemap[autodetect]
 Oueries value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[1a10]
                           HKCU\software\microsoft\windows
 Oueries value:
nt\currentversion\appcompatflags[showdebuginfo]
                           HKLM\software\wow6432node\microsoft\windows
 Oueries value:
nt\currentversion\compatibility32[rundll32]
 Queries value:
                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache[signature]
                          HKCU\software\microsoft\windows\currentversion\internet
 Oueries value:
settings\5.0\lowcache\content[peruseritem]
 Oueries value:
                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\content[cacheprefix]
 Queries value:
                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\content[cachelimit]
                          HKCU\software\microsoft\windows\currentversion\internet
 Oueries value:
settings\5.0\lowcache\cookies[peruseritem]
 Queries value:
                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\cookies[cacheprefix]
 Oueries value:
                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\cookies[cachelimit]
                          HKCU\software\microsoft\windows\currentversion\internet
 Queries value:
settings\5.0\lowcache\history[peruseritem]
                          \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma substitution \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
 Queries value:
settings\5.0\lowcache\historv[cacheprefix]
 Queries value:
                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\history[cachelimit]
                          HKLM\software\wow6432node\microsoft\internet
 Queries value:
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback[rundll32.exe]
 Sets/Creates value:
                          manager[pendingfilerenameoperations]
 Sets/Creates value:
HKCU\software\microsoft\windows\currentversion\run[1h6wzb8fzvux1h7furzmsv]
 Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings[warnonintranet]
 Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[1409]
 Sets/Creates value:
                           \label{lem:hkcu} \mbox{\tt HKCU\software\mbox{\tt microsoft\windows\currentversion\linearing}} \mbox{\tt internet}
settings\zones\0[1609]
 Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[1406]
 Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\2[1409]
 Sets/Creates value:
                           \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma soft \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
```

```
settings\zones\2[1609]
 Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\2[1406]
 Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown_zones\1[1406]
 Sets/Creates value:
                           \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \current \end{tensor}
settings\lockdown_zones\2[1406]
                           HKCU\software\microsoft\windows\currentversion\internet
 Sets/Creates value:
settings\lockdown_zones\3[1406]
 Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown_zones\4[1406]
  Sets/Creates value:
                           HKCU\software\microsoft\internet
explorer\phishingfilter[shownservicedownballoon]
 Sets/Creates value:
                           HKCU\software\microsoft\internet
explorer\recovery[clearbrowsinghistoryonexit]
  Sets/Creates value:
                           HKCU\software\microsoft windows[0000003909feae51]
  Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings[globaluseroffline]
  Sets/Creates value:
HKLM \setminus software \setminus wow6432 node \setminus microsoft \setminus tracing \setminus w2x5c34\_rasapi32 [enable file tracing]
  Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[enableconsoletracing]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[filetracingmask]
  Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[consoletracingmask]
  Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[maxfilesize]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasapi32[filedirectory]
  Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[enablefiletracing]
  Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[enableconsoletracing]
  Sets/Creates value:
HKLM \setminus software \setminus wow6432 node \setminus microsoft \setminus tracing \setminus w2x5c34\_rasmancs[filetracing mask]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[consoletracingmask]
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[maxfilesize]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\tracing\w2x5c34_rasmancs[filedirectory]
                           HKCU\software\microsoft\windows\currentversion\internet
 Sets/Creates value:
settings\wpad\{749a4bbc-a262-40dd-a3d0-043eb10d756e}[wpaddecisionreason]
                          HKCU\software\microsoft\windows\currentversion\internet
  Sets/Creates value:
settings\wpad\{749a4bbc-a262-40dd-a3d0-043eb10d756e}[wpaddecisiontime]
 Sets/Creates value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\{749a4bbc-a262-40dd-a3d0-043eb10d756e}[wpaddecision]
                          HKCU\software\microsoft\windows\currentversion\internet
 Sets/Creates value:
settings\wpad\{749a4bbc-a262-40dd-a3d0-043eb10d756e}[wpadnetworkname]
  Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\26-a0-ff-2b-56-80[wpaddecisionreason]
 Sets/Creates value:
                          HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\26-a0-ff-2b-56-80[wpaddecisiontime]
 Sets/Creates value:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\26-a0-ff-2b-56-80[wpaddecision]
  Value changes:
                           HKCU\software\microsoft\windows\currentversion\internet
settings[enablehttp1_1]
                           HKCU\software\microsoft\windows\currentversion\internet
 Value changes:
settings[proxyhttp1.1]
 Value changes:
                           HKCU\software\microsoft\windows\currentversion\internet
settings[warnonpost]
                           HKCU\software\microsoft\windows\currentversion\internet
  Value changes:
settings[warnonpostredirect]
 Value changes:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\1[1409]
 Value changes:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\1[1609]
  Value changes:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\1[1406]
 Value changes:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[1409]
                           HKCU\software\microsoft\windows\currentversion\internet
 Value changes:
settings\zones\3[1609]
 Value changes:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[1406]
 Value changes:
                           HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[1409]
                           HKCU\software\microsoft\windows\currentversion\internet
 Value changes:
settings\zones\4[1609]
  Value changes:
                           \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma soft \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
settings\zones\4[1406]
  Value changes:
                           HKCU\software\microsoft\internet explorer\phishingfilter[enabledv8]
```

Value changes: HKCU\software\microsoft\windows\currentversion\internet

settings[proxyenable]

Value changes: HKCU\software\microsoft\windows\currentversion\internet

settings\connections[savedlegacysettings]

Value changes: HKCU\software\microsoft\windows\currentversion\internet

settings\zonemap[uncasintranet]

Value changes: HKCU\software\microsoft\windows\currentversion\internet

settings\zonemap[autodetect]

Value changes: HKCU\software\microsoft\windows\currentversion\internet

settings[globaluseroffline]