## Malware Analysis Appliance by Blue Coat Systems, Inc.

## Task Details Host: mag2, Sample ID: 469, Task ID: 474 Task ID: 474 Risk Level: 10 Date Processed 2016-03-24 13:55:14 (UTC) Processing Time: 63.59 seconds IntelliVM Virtual Environment: Execution Arguments: "c:\windows\temp\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe" 469 Sample ID: Type: basic Owner: admin 755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63 Label: Date Added: 2016-03-24 13:55:14 (UTC) PE32:win32:gui File Type: 1580101 bytes File Size: cba74e507e9741740d251b1fb34a1874 SHA256: 755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63 Description: Pattern Matching Results Possible process injection 3 Writes to a log file [Info] Creates malicious events: Bookworm [Worm] 4 Reads process memory 6 Modifies registry autorun entries 8 Starts svchost.exe Accesses Filesystem keys 3 Connects to local host Attempts to connect to dynamic DNS SSL traffic on standard port 5 Installs service Opens Copy Hook Handlers key 1 YARA score 1 3 HTTP connection - response code 200 (success) Static Events YARA rule hit: Nonexecutable Anomaly: PE: Contains a virtual section Process/Thread Events Creates process: C:\windows\temp\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe $["C:\windows\temp\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe"]$ Creates process: C:\Program Files (x86)\flashplayer18\_a\_install.exe ["C:\Program Files (x86)\flashplayer18\_a\_install.exe"] C:\Program Files (x86)\install.exe ["C:\Program Files (x86)\install.exe" Creates process: Creates process: C:\Users\Admin\AppData\Local\Temp\RarSFX0\MsMpEng.exe ["C:\Users\Admin\AppData\Local\Temp\RarSFX0\MsMpEng.exe" "C:\Program Files (x86)\install.exe" ] C:\ProgramData\Microsoft\DeviceSync\MsMpEng.exe Creates process: $[C:\ProgramData\Microsoft\DeviceSync\MsMpEng.exe] \\$ Creates process: C:\Windows\SysWOW64\svchost.exe [ -main] C:\Windows\Sys\W0\K64\svchost.exe [-mail] C:\Windows\Sys\W0\K64\svchost.exe [-rrotect] C:\Windows\Sys\W0\K64\dllhost.exe -user] Creates process: Creates process: Reads from process: PID:3048 C:\Windows\SysWOW64\dllhost.exe Writes to process: PID:2988 C:\Windows\SysWOW64\svchost.exe PID:2980 C:\Windows\SysWOW64\svchost.exe Writes to process: Writes to process: PID:3048 C:\Windows\SysWOW64\dllhost.exe Terminates process: C:\Windows\Temp\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe Terminates process: C:\ProgramData\Microsoft\DeviceSync\MsMpEng.exe Terminates process: C:\Users\Admin\AppData\Local\Temp\RarSFXO\MsMpEng.exe Terminates process: C:\Program Files (x86)\install.exe Named Object Events Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex \Sessions\1\BaseNamedObjects\ZonesCacheCounterMutex Creates mutex: Creates mutex: \Sessions\1\BaseNamedObjects\ZonesLockedCacheCounterMutex \Sessions\1\BaseNamedObjects\Adobe\_ADM.log Creates mutex: \BaseNamedObjects\BB6cmqyHzy8kkcJ Creates mutex: Creates mutex: \BaseNamedObjects\DBWinMutex \BaseNamedObjects\BB6cmqyHzy8kkcJ\svchost.exe \Sessions\1\BaseNamedObjects\!IECompat!Mutex Creates mutex: Creates mutex: Creates mutex: \Sessions\1\BaseNamedObjects\\_\_DDrawExclMode Creates mutex: \Sessions\1\BaseNamedObjects\\_\_DDrawCheckExclMode Creates mutex: $\verb|\Sessions|| 1 \\ | BaseNamedObjects|| DDrawWindowListMutex||$ \Sessions\1\BaseNamedObjects\DDrawDriverObjectListMutex Creates mutex: \Sessions\1\BaseNamedObjects\Adobe\_GDE.log Creates mutex: Creates mutex: \Sessions\1\BaseNamedObjects\MSIMGSIZECacheMutex Creates event: 9461A94E1C2C} \Sessions\1\BaseNamedObjects\CancelPort{5F1C7494-0F72-4BE3-9FC7-Creates event: E32F4942049E} \BaseNamedObjects\{61410B1E-728E-4E96-96DD-9BE271228D74} Creates semaphore: Creates semaphore: \BaseNamedObjects\{A925355A-7A05-4070-B3BC-3D323F229F91}} File System Events :\lleare\Admin\AnnData\Local\Temn\\$inct

creates:	C:\Osers\Admin\AppData\Locai\Temp\\$inst
Creates:	<pre>C:\Users\Admin\AppData\Local\Temp\\$inst\2.tmp</pre>
Creates:	<pre>C:\Users\Admin\AppData\Local\Temp\\$inst\temp_0.tmp</pre>
Creates:	<pre>C:\Program Files (x86)\install.exe</pre>
Creates:	<pre>C:\Program Files (x86)\flashplayer18_a_install.exe</pre>
Creates:	<pre>C:\Program Files (x86)\Adobe\NewProduct</pre>

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Creates
                                               C:\Program Files (x86)\Adobe\NewProduct\Uninstall.exe
                                               C:\Program Files (x86)\Adobe\NewProduct\Uninstall.ini
   Creates:
   Creates
                                               C:\Users\Admin\AppData\Local\Adobe\CB77FOCD-8532-4F0D-A1FF-CFA3CBBAD703
                                               C:\Users\Admin\AppData\Local\Temp\Adobe_ADMLogs
   Creates
   Creates:
                                               C:\Users\Admin\AppData\Local\Temp\Adobe_ADMLogs\Adobe_ADM.log
   Creates:
                                              C:\Program Files (x86)
   Creates:
                                               C:\Users
   Creates:
                                               C:\Users\Admin
   Creates:
                                              C:\Users\Admin\AppData
                                              C:\Users\Admin\AppData\Local
   Creates:
   Creates
                                               C:\Users\Admin\AppData\Local\Temp
   Creates
                                               C:\Users\Admin\AppData\Local\Temp\RarSFX0
   Creates:
C:\Users\Admin\AppData\Local\Temp\RarSFXO\__tmp_rar_sfx_access_check_103203
                                               C:\Users\Admin\AppData\Local\Temp\RarSFX0\MsMpEng.exe
   Creates
   Creates:
                                              C: \verb|Vsers\Admin\AppData\Local\Temp\RarSFX0\MpSvc.dll|
                                              {\tt C:\Users\Admin\AppData\Local\Temp\RarSFX0\readme.txt}
   Creates:
   Creates
                                               C:\ProgramData
                                               C:\ProgramData\Microsoft
   Creates
   Creates
                                              C:\ProgramData\Microsoft\DeviceSync
                                               C:\ProgramData\Mozilla
   Creates:
                                               C:\ProgramData\Mozilla\Crypto
   Creates
   Creates
                                               C:\ProgramData\Mozilla\Crypto\RSA
                                              C:\ProgramData\Mozilla\Crypto\RSA\MachineKeys
C:\ProgramData\Microsoft\DeviceSync\MsMpEng.exe
   Creates:
   Creates
   Creates:
                                               C:\ProgramData\Microsoft\DeviceSync\MpSvc.dll
   Creates
                                               C:\ProgramData\Microsoft\DeviceSync\delete.txt
                                               {\tt C: \ProgramData\Mozilla\Crypto\RSA\Machine Keys\sgkey.data}
   Creates
                                               C:\ProgramData\Microsoft\DeviceSync\MpSvc
   Creates
    Creates
                                               C:\ProgramData\Mozilla\Crypto\RSA\MachineKeys\F4C6359C
   Creates
                                               \verb|C:\USers\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files| \\
                                              C:\Users\Admin\AppData\Roaming
   Creates:
                                               C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies
   Creates:
                                               C:\Users\Admin\AppData\Local\Microsoft\Windows\History
   Creates
   Creates:
                                              {\tt C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary\ Internet}
Files\Content.IE5\T2095MVJ\160[1]
                                              C:\ProgramData\Microsoft\Crypto\RSA\MachineKeys\6a870d84bk
   Creates:
                                               C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-B730E6868AB4
   Creates
   Creates
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\warning_icon_200.png
                                               C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_caution_200.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\status_icon_caution_100.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_caution_125.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\status_icon_caution_150.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_x_200.png
Creates: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_x_100.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\status_icon_x_125.png
Creates: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_x_150.png
   Creates:
                                              C: \label{local-Adobe-FB87C459-83E0-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D
B730E6868AB4\status_icon_check_200.png
Creates: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_check_100.png
   Creates
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_check_125.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates
B730E6868AB4\status_icon_check_150.png
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                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
{\tt B730E6868AB4\progressbar\_darkgray\_base\_200.png}
   Creates
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   Creates:
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B730E6868AB4\progressbar_blue_active_125.png
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B730E6868AB4\progressbar_blue_active_150.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\transparent.gif
                                               C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\gray_button_200.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\close_200.png
                                               C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\progressbar_pole_null_200.png
Creates: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
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   Creates:
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar_pole_null_125.png
Creates: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar_pole_null_150.png
   Creates:
                                              C: \label{local-Adobe-FB87C459-83E0-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D2-40E3-A1D
B730E6868AB4\yellow_button_200.png
Creates: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_100.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\yellow_button_125.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B73DE6868AB4\yellow_button_150.png
Creates: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_mini_200.png
                                              C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_mini_100.png
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B730E6868AB4\yellow button mini 125.png
                                                   C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_mini_150.png
                                                   C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\yellow_button_short_200.png
Creates: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_short_100.png
                                                   C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\yellow_button_short_125.png
                                                   C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_short_150.png
                                                   C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Creates:
B730E6868AB4\info_icon_100.png
                                                   C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
Files\Content.IE5\LXTB75Y0\SC[1]
                                                   C:\Users\Admin\AppData\Local\Temp\Adobe_ADMLogs\Adobe_GDE.log
   Creates:
                                                    C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\BD9AAA8D-6D83-4ACC-AC48-6B066F21D290
                                                    C: \space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space
   Creates:
   Opens:
    Opens
   Opens:
                                                   C:\Windows\System32\wow64.dll
                                                   C:\Windows\SysWOW64
C:\Windows\SysWOW64\apphelp.dll
   Opens:
   Opens:
C:\Windows\Temp\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe
                                                   C:\Windows\SysWOW64\ntdll.dll
   Opens:
                                                    C:\Windows\SysWOW64\kernel32.dll
   Opens:
    Opens:
                                                    C:\Windows\SysWOW64\KernelBase.dll
                                                   C:\Windows\apppatch\sysmain.sdb
C:\Windows\SysWOW64\winmm.dll
   Opens:
   Opens:
                                                    C:\Windows\WinSxS\x86_microsoft.windows.common-
   Opens:
controls_6595b64144ccf1df_6.0.9200.16384_none_893961408605e985

Opens: C:\Windows\WinSxS\x86_microsoft.windows.common-

controls_6595b64144ccf1df_6.0.9200.16384_none_893961408605e985\comctl32.dll
                                                    C:\Windows\SysWOW64\cabinet.dll
   Opens:
                                                   C:\Windows\SysWOW64\sechost.dll
   Opens:
                                                   C:\Windows\SysWOW64\winmmbase.dll
   Opens:
   Opens:
                                                   C:\Windows\SysWOW64\gdi32.dll
                                                    C:\Windows\SysWOW64\user32.dll
    Opens:
   Opens
                                                    C:\Windows\SysWOW64\msvcrt.dll
                                                    C:\Windows\SysWOW64\bcryptprimitives.dll
   Opens:
                                                    C:\Windows\SysWOW64\cryptbase.dll
   Opens:
   Opens:
                                                    C:\Windows\SysWOW64\sspicli.dll
   Opens:
                                                    C:\Windows\SysWOW64\rpcrt4.dll
                                                   C:\Windows\SysWOW64\advapi32.dll
   Opens:
    Opens:
                                                    C:\Windows\SysWOW64\combase.dll
                                                    C:\Windows\SysWOW64\oleaut32.dll
   Opens:
                                                   C:\Windows\SysWOW64\ole32.dll
   Opens:
                                                    C:\Windows\SysWOW64\shlwapi.dll
   Opens:
                                                    C:\Windows\SysWOW64\shell32.dll
    Opens:
   Opens:
                                                   C:\Windows\SysWOW64\imm32.dll
                                                   C:\Windows\SysWOW64\msctf.dll
C:\Windows\WindowsShell.Manifest
   Opens:
   Opens:
                                                    {\tt C:\Windows\SysWOW64\uxtheme.dll}
    Opens:
                                                   C:\Windows\SysWOW64\dwmapi.dll
C:\Users\Admin\AppData\Local\Temp\$inst\2.tmp
   Opens:
   Opens:
                                                    C:\Windows\Globalization\Sorting\SortDefault.nls
   Opens
                                                    C:\Users\Admin\AppData\Local\Temp\$inst\7.tmp
    Opens
   Opens:
                                                    C:\Windows\SvsWOW64\msftedit.dll
   Opens:
                                                    C:\Windows\SysWOW64\clbcatq.dll
   Opens:
   Opens:
                                                    C:\Windows\SysWOW64\Windows.Globalization.dll
                                                    C:\Windows\SysWOW64\BCP47Langs.dll
   Opens:
                                                   C:\Windows\SysWOW64\uxtheme.dll.Config
   Opens:
   Opens:
                                                    C:\Windows\Fonts\StaticCache.dat
                                                   C:\Windows\SysWOW64\SHCore.dll
C:\Windows\SysWOW64\cfgmgr32.dll
   Opens:
   Opens
                                                   C:\Windows\SysWOW64\devobj.dll
   Opens:
                                                    C:\Windows\SysWOW64\setupapi.dll
    Opens:
   Opens:
                                                   C:\Windows\SysWOW64\propsys.dll
C:\Users\Admin\AppData\Local\Microsoft\Windows\Caches\{AFBF9F1A-8EE8-
   Opens:
   Opens
4C77-AF34-C647E37CA0D9}.1.ver0x00000000000000c.db
   Opens:
                                                    C:\Program Files (x86)\desktop.ini
                                                   C:\Users\Admin\AppData\Local\Temp\$inst\temp_0.tmp
C:\Program Files (x86)\install.exe
   Opens:
    Opens:
                                                    C:\Program Files (x86)\flashplayer18_a_install.exe
   Opens:
   Opens:
                                                    C:\Program Files (x86)\Adobe\NewProduct\Uninstall.exe
                                                    C:\Users\Admin\Desktop\desktop.ini
   Opens:
                                                    C:\Windows\SysWOW64\profapi.dll
    .
Opens
                                                    C:\Windows\SysWOW64\urlmon.dll
   Opens:
   Opens:
                                                   C:\Windows\SysWOW64\iertutil.dll
C:\Windows\SysWOW64\wininet.dll
   Opens:
                                                    C:\Windows\SysWOW64\secur32.dll
    Opens:
                                                   C:\Program Files (x86)
C:\Windows\Prefetch\FLASHPLAYER18_A_INSTALL.EXE-B865460F.pf
   Opens:
   Opens:
                                                    C:\Windows\SysWOW64\netapi32.dll
   Opens:
    Opens:
                                                    C:\Windows\SysWOW64\winhttp.dll
   Opens:
                                                    C:\Windows\SysWOW64\msi.dll
                                                   C:\Windows\SysWOW64\version.dll
   Opens:
   Opens:
                                                    C:\Windows\SysWOW64\msimg32.dll
                                                    C:\Windows\SysWOW64\winspool.drv
    Opens:
   Opens:
                                                    C:\Windows\SysWOW64\oledlg.dll
   Opens:
C: \verb|\windows| winSxS| x86\_microsoft.windows.gdiplus\_6595b64144ccf1df\_1.1.9200.16384\_none\_ba245425e0986353\\ |\windows| windows windo
                                                    C:\Windows\SysWOW64\mpr.dll
   Opens:
    Opens:
                                                    C:\Windows\SysWOW64\oleacc.dll
                                                    C:\Windows\SysWOW64\netutils.dll
   Opens:
```

C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-

Creates

```
Opens
                           C:\Windows\SvsWOW64\srvcli.dll
                           C:\Windows\SysWOW64\wkscli.dll
 Opens:
  Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\0.tmp
                           C:\Users\Admin\AppData\Local\Temp\$inst\1.tmp
 Opens:
                          C:\Users\Admin\AppData\Local\Temp\$inst\3.tmp
C:\Users\Admin\AppData\Local\Temp\$inst\4.tmp
 Opens:
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\5.tmp
  Opens:
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\8.tmp
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\10.tmp
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\11.tmp
  Opens:
 Opens
                           C:\Users\Admin\AppData\Local\Temp\$inst\12.tmp
                           C:\Users\Admin\AppData\Local\Temp\$inst\13.tmp
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\14.tmp
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\15.tmp
 Opens:
                          C:\Users\Admin\AppData\Local\Temp\$inst\16.tmp
C:\Users\Admin\AppData\Local\Temp\$inst\17.tmp
 Opens:
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\20.tmp
  Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\50.tmp
 Opens:
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst\51.tmp
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\$inst
  Opens
 Opens:
                           C:\Windows\Prefetch\INSTALL.EXE-D4AD4950.pf
                          C:\Windows\apppatch\AcLayers.dll
C:\Windows\SysWOW64\sfc.dll
 Opens:
 Opens:
  Opens:
                           C:\Windows\SysWOW64\sfc_os.dll
 Opens:
                           C:\Windows\SysWOW64\samcli.dll
                          C:\Windows\SysWOW64\comdlg32.dll
 Opens
 Opens:
                           C:\Windows\SysWOW64\riched32.dll
  Opens:
                           C:\Windows\SysWOW64\psapi.dll
 Opens
                           C:\Windows\SysWOW64\msasn1.dll
                           C:\Windows\SysWOW64\crypt32.dll
 Opens:
                           C:\Windows\SysWOW64\wintrust.dll
 Opens:
                           C:\Windows\SysWOW64\oleaccrc.dll
 Opens:
                          C:\Windows\SysWOW64\riched20.dll
C:\Windows\Fonts\arial.ttf
 Opens:
 Opens:
                           \verb|C:\Users\land Admin\land AppData\land Local\land Adobe\land CB77F0CD-8532-4F0D-A1FF-CFA3CBBAD703| \\
  Opens:
 Opens:
                           C:\Windows\SysWOW64\ntmarta.dll
                           C:\Windows\SysWOW64\usp10.dll
 Opens:
 Opens:
                           C:\Windows\SysWOW64\msls31.dll
                           \verb|C:\Users\land Admin\land AppData\land Local\land Temp\land Adobe\_ADMLogs\land Adobe\_ADM.log| \\
  Opens:
 Opens
                           C:\Windows\SysWOW64\tzres.dll
                           C:\Windows\SvsWOW64\en-US\tzres.dll.mui
 Opens:
                           C:\Program Files (x86)\flashplayer18_a_install.exe.3.Manifest
 Opens:
  Opens:
                           C:\Windows\SysWOW64\ieframe.dll
 Opens:
                           C:\Windows\Fonts\simsun.ttc
                          C:\Windows\Fonts\mingliu.ttc
 Opens:
  Opens:
                           C:\Windows\Fonts\msmincho.ttc
                           C:\Windows\Fonts\batang.ttc
  Opens:
 Opens:
                          C:\Windows\win.ini
                          C:\Windows\Fonts\msgothic.ttc
 Opens:
  .
Opens
                           C:\Windows\Fonts\gulim.ttc
 Opens:
                           C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
Files\counters.dat
                           C:\Program Files (x86)\Common Files\Microsoft Shared\Ink\tiptsf.dll
 Opens:
                           C:\Windows\SysWOW64\nsi.dll
  Opens:
 Opens:
                           C:\Windows\SysWOW64\ws2_32.dll
                          C:\Windows\SysWOW64\mswsock.dll
 Opens:
                           C:\Windows\SysWOW64\en-US\ieframe.dll.mui
 Opens:
                           C:\Windows\SysWOW64\IPHLPAPI.DLL
  Opens
 Opens
                           C:\Users\Admin\AppData\Local\Temp\RarSFX0
 Opens
C:\Users\Admin\AppData\Local\Temp\RarSFXO\__tmp_rar_sfx_access_check_103203
 Opens:
                           C:\Windows\SysWOW64\mshtml.dll
 Onens:
                           C:\Users\Admin\AppData\Local\Temp\RarSFXO\MsMpEng.exe
                          C:\Users\Admin\AppData\Local\Temp\RarSFXO\MpSvc.dll
 Opens:
 Opens:
                           C:\Users\Admin\AppData\Local\Temp\RarSFX0\readme.txt
                           C:\Windows\SysWOW64\winnsi.dll
 Opens:
 Opens
                           C:\Users\desktop.ini
 Opens:
                           C:\Users
                           C:\Users\Admin
  Opens:
 Opens
                           C:\Users\Admin\Searches\desktop.ini
                           C:\Users\Admin\Videos\desktop.ini
 Opens:
 Opens:
                           C:\Users\Admin\Pictures\desktop.ini
                           C:\Users\Admin\Contacts\desktop.ini
  Opens:
 Opens:
                           C:\Users\Admin\Favorites\desktop.ini
                           C:\Users\Admin\Music\desktop.ini
 Opens:
  Opens
                           C:\Users\Admin\Downloads\desktop.ini
                           C:\Users\Admin\Documents\desktop.ini
  Opens
 Opens:
                           C:\Users\Admin\Links\desktop.ini
                           C:\Users\Admin\Saved Games\desktop.ini
 Opens:
                           C:\Windows\SysWOW64\shdocvw.dll
  .
Opens
                           C:\Users\Admin\AppData
 Opens:
 Opens:
                          C:\Users\Admin\AppData\Local
C:\Users\Admin\AppData\Local\Temp
 Opens:
                           C:\Windows\Prefetch\MSMPENG.EXE-21EA2863.pf
  Opens:
 Opens:
                           C:\ProgramData\Microsoft\DeviceSync\MsMpEng.exe
                           C:\ProgramData\Microsoft\DeviceSync\MpSvc.dll
 Opens:
                           C:\ProgramData\Mozilla\Crypto\RSA\MachineKeys\sgkey.data
 Opens:
  Opens:
                           C:\Windows\Prefetch\MSMPENG.EXE-E3190967.pf
 Opens:
                           C:\ProgramData\Microsoft\DeviceSync\readme.txt
                           C:\ProgramData\Microsoft\DeviceSync\MpSvc
 Opens:
 Opens:
                           C:\Windows\SysWOW64\svchost.exe
                           C:\Windows\Prefetch\SVCHOST.EXE-51F5DA2F.pf
  Opens:
 Opens:
                           {\tt C:\ProgramData\Microsoft\DeviceSync\delete.txt}
                          C:\Windows\SysWOW64\cryptsp.dll
 Opens:
  Opens:
                           C:\Windows\SysWOW64\rsaenh.dll
                          C:\$Recycle.Bin\S-1-5-21-1923240461-1905901954-2556564120-1001
C:\$Recycle.Bin\S-1-5-21-1923240461-1905901954-2556564120-
  Opens:
 Opens:
1001\desktop.ini
                           C:\Windows\SysWOW64\ntshrui.dll
 Opens:
                           C:\Windows\SysWOW64\cscapi.dll
 Opens:
```

```
Opens
                                      C:\ProgramData\Mozilla\Crypto\RSA\MachineKeys\F4C6359C
                                      C:\Windows\Prefetch\SVCHOST.EXE-D4143593.pf
   Opens:
   Opens:
                                      C:\ProgramData\Microsoft\DeviceSync\F45C8A7E
                                      C:\ProgramData\Microsoft\DeviceSync\s6a870d84
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\wtsapi32.dll
                                      C:\Windows\SysWOW64\dnsapi.dll
   Opens:
                                         :\Windows\SysWOW64\userenv.dll
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\winsta.dll
                                      C:\Windows\SysWOW64\dhcpcsvc6.dll
   Opens:
                                      C:\Windows\SysWOW64\dhcpcsvc.dll
   Opens:
                                      C:\Windows\SysWOW64\dllhost.exe
   Opens:
                                      C:\Windows\Prefetch\DLLHOST.EXE-99F4EFBD.pf
   Opens
                                      C:\ProgramData\Microsoft\Crypto\RSA\MachineKeys\u6a870d84
C:\Users\Admin\AppData\Roaming\Mozilla\Firefox\profiles.ini
   Opens:
   Opens:
                                      C:\Users\Admin\AppData\Roaming\Mozilla\Firefox\prefs.js
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\en-US\urlmon.dll.mui
                                      C:\Windows\SysWOW64\msxml3.dll
   Opens:
                                      C:\Windows\SysWOW64\rasadhlp.dll
   Opens:
                                      C:\Windows\System32\Drivers\etc\hosts
   Opens
   Opens
                                      C:\Windows\SysWOW64\msxml3r.dll
                                      C:\Windows\SysWOW64\msimtf.dll
   Opens:
                                      C:\Windows\SysWOW64\powrprof.dll
   .
Opens
   Opens:
                                      C:\Windows\SysWOW64\dxgi.dll
                                      C:\Windows\SysWOW64\FWPUCLNT.DLL
   Opens:
                                      C:\Windows\SysWOW64\sxs.dll
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\mlang.dll
   Opens:
                                      C:\Windows\SysWOW64\jscript9.dll
                                      C:\Windows\SysWOW64\d2d1.dll
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\DWrite.dll
   Opens:
                                      C:\Windows\SysWOW64\d3d11.dll
   Opens:
                                      C:\Windows\SysWOW64\d3d10warp.dll
                                      C:\Windows\SysWOW64\dxtrans.dll
   Opens:
                                      C:\Windows\SysWOW64\atl.dll
   Opens:
                                      C:\Windows\SysWOW64\ddrawex.dll
   Opens:
                                      C:\Windows\SysWOW64\ddraw.dll
   Opens:
                                      C:\Windows\SysWOW64\dciman32.dll
   Opens:
                                      C:\Windows\SysWOW64\en-US\ddraw.dll.mui
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\dxtmsft.dll
                                      C:\Windows\SvsWOW64\stdole2.tlb
   Opens
                                      C:\Users\Admin\AppData\Local\Temp\Adobe_ADMLogs\Adobe_GDE.log
   Opens:
                                      C:\Windows\Fonts\arialbd.ttf
   Opens:
   Opens
                                      C:\Windows\SysWOW64\webio.dll
                                      C:\Windows\SysWOW64\wshqos.dll
   Opens:
                                      C:\Windows\SysWOW64\schannel.dll
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\gpapi.dll
   Opens:
                                      C:\Windows\SysWOW64\ncrypt.dll
                                      C:\Windows\SysWOW64\bcrypt.dll
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\ntasn1.dll
                                      C:\Windows\SysWOW64\ncryptsslp.dll
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\iepeers.dll
                                      C:\Windows\SysWOW64\mshtml.tlb
   Opens:
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Opens
B730E6868AB4\yellow_button_100.png
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-B730E6868AB4
   Opens:
                                      C:\Users\Admin\AppData\Local\Microsoft\Internet Explorer\MSIMGSIZ.DAT
   Opens:
                                      C:\Windows\Fonts\seguisym.ttf
   Opens:
   Opens:
                                      C:\Windows\SysWOW64\WindowsCodecs.dll
                                       C: \space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space{C:\space
   Opens:
   Writes to:
                                      C:\Users\Admin\AppData\Local\Temp\$inst\temp_0.tmp
   Writes to:
   Writes to:
                                      C:\Program Files (x86)\install.exe
                                      C:\Program Files (x86)\flashplayer18_a_install.exe C:\Program Files (x86)\Adobe\NewProduct\Uninstall.exe
   Writes to:
   Writes to:
   Writes to:
                                      C:\Program Files (x86)\Adobe\NewProduct\Uninstall.ini
  Writes to:
                                      C:\Users\Admin\AppData\Local\Temp\Adobe_ADMLogs\Adobe_ADM.log
                                      C:\Users\Admin\AppData\Local\Temp\RarSFX0\MsMpEng.exe
   Writes to:
   Writes to:
                                      C:\Users\Admin\AppData\Local\Temp\RarSFX0\MpSvc.dll
   Writes to:
                                      C:\Users\Admin\AppData\Local\Temp\RarSFX0\readme.txt
   Writes to:
                                      C:\ProgramData\Microsoft\DeviceSync\MsMpEng.exe
   Writes to:
                                      C:\ProgramData\Microsoft\DeviceSync\MpSvc.dll
                                      C:\ProgramData\Microsoft\DeviceSync\delete.txt
   Writes to:
   Writes to:
                                      C:\ProgramData\Mozilla\Crypto\RSA\MachineKeys\sgkey.data
                                      C:\ProgramData\Microsoft\DeviceSync\MpSvc
   Writes to:
                                      C:\ProgramData\Mozilla\Crypto\RSA\MachineKeys\F4C6359C
   Writes to:
                                      {\tt C:\backslash Users\backslash Admin\backslash AppData\backslash Local\backslash Microsoft\backslash Windows\backslash Temporary\ Internet}
Files\Content.IE5\T2095MVJ\160[1]
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
  Writes to:
B730E6868AB4\warning_icon_200.png
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
Writes to: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_caution_100.png
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
  Writes to:
B730E686BAB4\status_icon_caution_125.png
Writes to: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_caution_150.png
  Writes to:
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_x_200.png
Writes to: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_x_100.png
  Writes to:
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_x_125.png
Writes to: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_x_150.png
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
  Writes to:
B730E6868AB4\status_icon_check_200.png
Writes to: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_check_100.png
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
  Writes to:
B730E6868AB4\status_icon_check_125.png
                                      C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\status_icon_check_150.png
```

```
Writes to
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar darkgray base 200.png
   Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar_darkgray_base_100.png
                                            C: \verb|Vsers| Admin\\| AppData\\| Local\\| Adobe\\| FB87C459-83E0-40E3-A1D2-10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E10E3-E
  Writes to:
B730E6868AB4\progressbar_blue_active_200.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Writes to:
B730E6868AB4\progressbar_blue_active_100.png
  Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar_blue_active_125.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar_blue_active_150.png
                                            Writes to:
B730E6868AB4\transparent.gif
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\gray_button_200.png
  Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\close_200.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
  Writes to:
{\tt B730E6868AB4\progressbar\_pole\_null\_200.png}
  Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar_pole_null_100.png
  Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar_pole_null_125.png
Writes to: C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\progressbar_pole_null_150.png
  Writes to:
                                            B730E6868AB4\yellow_button_200.png
   Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_100.png
  Writes to
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_125.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Writes to:
B730E6868AB4\yellow_button_150.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
  Writes to:
B730E6868AB4\yellow_button_mini_200.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
   Writes to:
B730E6868AB4\yellow_button_mini_100.png
  Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_mini_125.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_mini_150.png
  Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_short_200.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
{\tt B730E6868AB4\yellow\_button\_short\_100.png}
  Writes to:
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_short_125.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
B730E6868AB4\yellow_button_short_150.png
                                            C:\Users\Admin\AppData\Local\Adobe\FB87C459-83E0-40E3-A1D2-
  Writes to:
B730E6868AB4\info_icon_100.png
                                            C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
  Writes to:
Files\Content.IE5\LXTB75Y0\SC[1]
                                            C:\Users\Admin\AppData\Local\Temp\Adobe_ADMLogs\Adobe_GDE.log
  Writes to:
   Writes to:
                                            Reads from:
C:\Windows\Temp\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe
   Reads from:
                                            C:\Users\Admin\AppData\Local\Temp\$inst\2.tmp
                                            C:\Windows\Fonts\StaticCache.dat
   Reads from:
   Reads from:
                                            C:\Program Files (x86)\desktop.ini
   Reads from:
                                            C:\Users\Admin\AppData\Local\Temp\$inst\temp 0.tmp
                                            C:\Users\Admin\Desktop\desktop.ini
   Reads from:
                                            C:\Program Files (x86)\flashplayer18_a_install.exe
   Reads from:
   Reads from:
                                            C:\Program Files (x86)\install.exe
   Reads from:
                                            C:\Users\Admin\AppData\Local\Temp\Adobe_ADMLogs\Adobe_ADM.log
   Reads from:
                                            C:\Windows\win.ini
                                            C:\Users\desktop.ini
   Reads from:
   Reads from:
                                            C:\Users\Admin\Searches\desktop.ini
   Reads from:
                                            C:\Users\Admin\Videos\desktop.ini
   Reads from:
                                            C:\Users\Admin\Pictures\desktop.ini
   Reads from:
                                            C:\Users\Admin\Contacts\desktop.ini
                                            C:\Users\Admin\Favorites\desktop.ini
   Reads from:
   Reads from:
                                            C:\Users\Admin\Music\desktop.ini
                                            C:\Users\Admin\Downloads\desktop.ini
   Reads from:
   Reads from:
                                            C:\Users\Admin\Documents\desktop.ini
                                            C:\Users\Admin\Links\desktop.ini
   Reads from:
   Reads from:
                                            C:\Users\Admin\Saved Games\desktop.ini
   Reads from:
                                            C: \verb|\USers\Admin\AppData\Local\Temp\RarSFX0\MsMpEng.exe|
   Reads from:
                                            {\tt C:\Users\Admin\AppData\Local\Temp\RarSFX0\readme.txt}
                                            C:\Users\Admin\AppData\Local\Temp\RarSFX0\MpSvc.dll
   Reads from:
                                            C:\ProgramData\Microsoft\DeviceSync\MpSvc
   Reads from:
   Reads from:
                                            C:\ProgramData\Mozilla\Crypto\RSA\MachineKeys\sgkey.data
   Reads from:
                                            C:\ProgramData\Microsoft\DeviceSync\delete.txt
C:\$Recycle.Bin\S-1-5-21-1923240461-1905901954-2556564120-
   Reads from:
1001\desktop.ini
   Reads from:
                                            C:\Windows\System32\Drivers\etc\hosts
                                            C:\Windows\SysWOW64\dxtmsft.dll
   Reads from:
   Reads from:
                                            C:\Windows\SysWOW64\stdole2.tlb
   Reads from:
                                            C:\Windows\SysWOW64\dxtrans.dll
   Reads from:
                                            {\tt C:\Users\Admin\AppData\Local\Temp\Adobe\_ADMLogs\Adobe\_GDE.log}
                                            C:\Windows\SvsWOW64\iepeers.dll
   Reads from:
   Reads from:
                                            C:\Windows\SysWOW64\mshtml.tlb
                                            Reads from
B730E6868AB4\yellow_button_100.png
                                            C:\Windows\SysWOW64\ieframe.dll
   Reads from:
   Deletes:
                                            C:\Users\Admin\AppData\Local\Temp\$inst\temp_0.tmp
   Deletes:
                                            C:\Users\Admin\AppData\Local\Temp\$inst\2.tmp
   Deletes:
                                            C:\Users\Admin\AppData\Local\Temp\$inst
                                            C:\Users\Admin\AppData\Local\Adobe\CB77F0CD-8532-4F0D-A1FF-CFA3CBBAD703
   Deletes:
\label{local-temp-rar_sfx_access_check_103203} C: \label{local-temp-rar_sfx_access_check_10320
```

Deletes: C:\Program Files (x86)\install.exe C:\Users\Admin\AppData\Local\Temp\RarSFX0 Deletes: Deletes: C:\ProgramData\Microsoft\DeviceSync\delete.txt

## **Network Events**

DNS guery: linuxdns.sytes.net DNS query get.adobe.com systeminfothai.gotdns.ch DNS query DNS query: sysnc.sytes.net DNS query: dlmping2.adobe.com DNS guery: stats.adobe.com DNS response: linuxdns.sytes.net  $\Rightarrow$  0.0.0.0 DNS response: get.wip4.adobe.com ⇒ 192.150.16.58 DNS response:  $systeminfothai.gotdns.ch \Rightarrow 0.0.0.0$ sysnc.sytes.net  $\Rightarrow$  0.0.0.0 DNS response: e4578.g.akamaiedge.net ⇒ 118.214.80.175 DNS response: adobe.com.d1.sc.omtrdc.net ⇒ 192.243.250.65 adobe.com.d1.sc.omtrdc.net ⇒ 192.243.250.16 DNS response: DNS response: Connects to: 0.0.0.0:80 Connects to: 0.0.0.0:1433 Connects to: 0.0.0.0:8080 0.0.0.0:53 Connects to: 192.150.16.58:443 Connects to: 0.0.0.0:443 Connects to: Connects to: 0.0.0.0:21 127.0.0.1:56746 Connects to: 192.243.250.65:80 Connects to: Connects to: 118.214.80.175:443 Sends data to: 8.8.8.8:53 Sends data to: linuxdns.svtes.net:53 (0.0.0.0) Sends data to: get.wip4.adobe.com:443 (192.150.16.58) Sends data to: 127.0.0.1:56746 e4578.g.akamaiedge.net:443 (118.214.80.175) adobe.com.d1.sc.omtrdc.net:80 (192.243.250.65) Sends data to: Sends data to: Receives data from: linuxdns.sytes.net:0 (0.0.0.0) Receives data from: linuxdns.sytes.net:53 (0.0.0.0) Receives data from: get.wip4.adobe.com:443 (192.150.16.58) 127.0.0.1:56746 Receives data from: Receives data from: e4578.g.akamaiedge.net:443 (118.214.80.175) adobe.com.d1.sc.omtrdc.net:80 (192.243.250.65) Receives data from:

Windows Registry Events Creates key HKLM\software\wow6432node\microsoft\windows\currentversion\uninstall\newproduct 1.00 Creates key:  $\label{lem:hkcu} \verb+KKCU\+ software\+ icrosoft\+ windows\+ current version\+ internet$ settings\zonemap\ HKLM\software\wow6432node\microsoft\windows\currentversion\explorer Creates key: Creates key HKCU\software\microsoft\windows\currentversion\internet settings Creates key HKCU\software\microsoft\windows\currentversion\explorer\bitbucket\volume\{d5291c64-7c88-11e3be65-806e6f6e6963} Creates key:  $\label{lem:hkcu} \verb+KKCU\software\microsoft\windows\currentversion\explorer\bitbucket \\$ Creates key HKLM\system\currentcontrolset\services\tcpip\parameters HKU\s-1-5-21-1923240461-1905901954-2556564120-Creates key: 1001\software\microsoft\windows\currentversion\internet settings Creates key: HKU\s-1-5-21-1923240461-1905901954-2556564120-1001\software\microsoft\windows\currentversion\internet settings\connections HKCU\software\microsoft\internet explorer\main Creates key: Creates key: Creates key: HKLM\system\currentcontrolset\control\securityproviders\schannel HKCU\software\microsoft\systemcertificates\ca Creates kev: Creates key: HKCU\software\microsoft\systemcertificates\ca\certificates Creates key: HKCU\software\microsoft\systemcertificates\ca\crls Creates key:  $\label{thm:cusoftware} \begin{tabular}{ll} HKCU \software \mbox{$^{\circ}$} icrosoft \system certificates \ca\ctls \end{tabular}$ HKCU\software\policies\microsoft\systemcertificates\ca Creates kev: HKCU\software\policies\microsoft\systemcertificates\ca\certificates Creates key Creates key:  $\label{thm:cosoft} \begin{tabular}{ll} HKCU \software \policies \microsoft \system certificates \ca\crls \end{tabular}$ Creates key: HKCU\software\policies\microsoft\systemcertificates\ca\ctls HKLM\software\wow6432node\microsoft\systemcertificates\ca Creates kev: HKLM\software\microsoft\systemcertificates\ca Creates key Creates key: HKLM\software\microsoft\systemcertificates\ca\certificates Creates key: Creates key: HKLM\software\microsoft\systemcertificates\ca\ctls HKLM\software\wow6432node\policies\microsoft\systemcertificates\ca Creates key Creates key: HKLM\software\policies\microsoft\systemcertificates\ca HKLM\software\policies\microsoft\systemcertificates\ca\certificates Creates key: Creates key: HKLM\software\policies\microsoft\systemcertificates\ca\crls Creates key: Creates kev: HKLM\software\wow6432node\microsoft\enterprisecertificates\ca HKLM\software\microsoft\enterprisecertificates\ca Creates key:  ${\tt HKLM \setminus software \setminus incressft \setminus enterprise certificates \setminus ca \setminus certificates}$ Creates key: Creates key: HKLM\software\microsoft\enterprisecertificates\ca\crls  $\label{thm:hammon} HKLM \software \microsoft \enterprise certificates \ca\ctls \\ HKCU \software \microsoft \system certificates \disallowed \\$ Creates kev: Creates key:  $\label{thm:hkcu} \mbox{HKCU\software\mbox{\sc microsoft\sc ystemcertificates\sc disable wed\certificates}}$ Creates key Creates key: HKCU\software\microsoft\systemcertificates\disallowed\crls Creates kev: HKCU\software\microsoft\systemcertificates\disallowed\ctls

 $HKCU \setminus software \setminus policies \setminus microsoft \setminus system certificates \setminus disallowed \setminus certificates$ 

Creates key Creates key

 $HKCU \ \ software \ \ \ microsoft \ \ \ system certificates \ \ \ disallowed \ \ \ crls$ Creates key: HKCU\software\policies\microsoft\systemcertificates\disallowed\ctls Creates key: Creates key: HKLM\software\wow6432node\microsoft\systemcertificates\disallowed HKLM\software\microsoft\systemcertificates\disallowed
HKLM\software\microsoft\systemcertificates\disallowed\certificates Creates key: Creates kev: Creates key HKLM\software\microsoft\systemcertificates\disallowed\crls Creates key HKLM\software\microsoft\systemcertificates\disallowed\ctls Creates key

HKCU\software\policies\microsoft\systemcertificates\disallowed

HKLM\software\wow6432node\policies\microsoft\systemcertificates\disallowed

Creates key: HKLM\software\policies\microsoft\systemcertificates\disallowed

```
Creates kev:
HKLM\software\policies\microsoft\systemcertificates\disallowed\certificates
     Creates key:
                                                                                HKLM\software\policies\microsoft\systemcertificates\disallowed\crls
                                                                                HKLM\software\policies\microsoft\systemcertificates\disallowed\ctls
      Creates key:
     Creates key:
                                                                                HKLM\software\wow6432node\microsoft\enterprisecertificates\disallowed
     Creates key:
                                                                                HKLM\software\microsoft\enterprisecertificates\disallowed
      Creates key:
                                                                                HKLM \setminus software \setminus microsoft \setminus enterprise certificates \setminus disallowed \setminus certificates
     Creates key:
                                                                                HKLM \verb|\software\microsoft\enterprisecertificates\disallowed\crls
                                                                                HKLM\software\microsoft\enterprisecertificates\disallowed\ctls
     Creates key:
     Creates key:
                                                                                HKCU\software\microsoft\systemcertificates\root
                                                                                HKCU\software\microsoft\systemcertificates\root\certificates
     Creates key
     Creates key
                                                                                HKCU\software\microsoft\systemcertificates\root\crls
                                                                                HKCU\software\microsoft\systemcertificates\root\ctls
HKLM\software\wow6432node\microsoft\systemcertificates\root
     Creates kev:
     Creates key:
      Creates key:
                                                                                HKLM\software\microsoft\systemcertificates\root
     Creates key:
                                                                                HKLM\software\microsoft\systemcertificates\root\crls
     Creates kev:
      Creates key:
                                                                                HKLM\software\microsoft\systemcertificates\root\ctls
     Creates key:
                                                                                Creates key:
                                                                                HKLM\software\microsoft\systemcertificates\authroot
                                                                                HKLM\software\microsoft\systemcertificates\authroot\certificates
     Creates kev:
                                                                                HKLM\software\microsoft\systemcertificates\authroot\crls
     Creates key
     Creates key
                                                                                \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ system certificates\+ authroot\+ ctls
                                                                                HKLM \label{local-bound} HKLM \label{local-bound} HKLM \label{local-bound} Software \label{local-bound} HKLM \label{local-bound} Software \label{local-bound} HKLM \label{local-bound} HKLM \label{local-bound} HKLM \label{local-bound} Software \label{local-bound} Software \label{local-bound} HKLM \label{local-bound} Software \label{l
     Creates key:
     Creates key:
      Creates key
                                                                                HKLM\software\policies\microsoft\systemcertificates\root\certificates
     Creates key:
                                                                                HKLM\software\policies\microsoft\systemcertificates\root\ctls
     Creates key:
     Creates key:
                                                                                HKLM\software\wow6432node\microsoft\enterprisecertificates\root
      Creates key:
                                                                                {\tt HKLM \backslash software \backslash microsoft \backslash enterprise certificates \backslash root}
     Creates kev:
                                                                                HKLM\software\microsoft\enterprisecertificates\root\certificates
                                                                                HKLM\software\microsoft\enterprisecertificates\root\crls
     Creates key:
                                                                                HKLM\software\microsoft\enterprisecertificates\root\ctls
     Creates key:
     Creates key:
                                                                                HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| system certificates\\| smartcard root \\| microsoft\\| system certificates\\| system certif
     Creates kev:
                                                                                HKLM\software\microsoft\systemcertificates\smartcardroot
                                                                                HKLM\software\microsoft\systemcertificates\smartcardroot\certificates
     Creates key:
     Creates key:
                                                                                HKLM\software\microsoft\systemcertificates\smartcardroot\crls
     Creates key
                                                                                HKLM \verb|\software\microsoft\systemcertificates\smartcardroot\ctls|
                                                                                HKCU\software\microsoft\systemcertificates\smartcardroot
     Creates key:
     Creates key:
                                                                                HKCU \setminus software \setminus microsoft \setminus system certificates \setminus smartcardroot \setminus certificates
                                                                                HKCU\software\microsoft\systemcertificates\smartcardroot\crls
     Creates key
     Creates key
                                                                                HKCU\software\microsoft\systemcertificates\smartcardroot\ctls
     Creates kev:
                                                                                HKCU\software\microsoft\systemcertificates\trustedpeople
                                                                                HKCU\software\microsoft\systemcertificates\trustedpeople\certificates
     Creates key:
      Creates key:
                                                                                HKCU\software\microsoft\systemcertificates\trustedpeople\crls
     Creates key:
                                                                                \label{local-operator} HKCU \ software \ `microsoft \ 'system certificates \ `trusted people \ 'ctls' \ 'system' \ 'syst
                                                                                HKCU\software\policies\microsoft\systemcertificates\trustedpeople
     Creates kev:
     Creates key
HKCU\software\policies\microsoft\systemcertificates\trustedpeople\certificates
     Creates key:
                                                                                HKCU\software\policies\microsoft\systemcertificates\trustedpeople\ctls
     Creates kev:
      Creates key:
                                                                                HKLM\software\wow6432node\microsoft\systemcertificates\trustedpeople
     Creates key:
                                                                                HKLM \verb|\software\microsoft\systemcertificates\trusted people
                                                                                {\tt HKLM \coftware \cosoft \c
     Creates key:
                                                                                HKLM\software\microsoft\systemcertificates\trustedpeople\crls
     Creates key:
      Creates key
                                                                                HKLM \setminus software \setminus microsoft \setminus system certificates \setminus trusted people \setminus ctls
     Creates key
HKLM\software\wow6432node\policies\microsoft\systemcertificates\trustedpeople
                                                                                HKLM\software\policies\microsoft\systemcertificates\trustedpeople
     Creates key:
      Creates key
HKLM\software\policies\microsoft\systemcertificates\trustedpeople\certificates
     Creates key:
                                                                                HKLM\software\policies\microsoft\systemcertificates\trustedpeople\crls
                                                                                HKLM\software\policies\microsoft\systemcertificates\trustedpeople\ctls
     Creates key
                                                                                Creates key:
     Creates kev:
                                                                                HKLM\software\microsoft\enterprisecertificates\trustedpeople
     Creates key:
Creates key:
                                                                                HKLM \label{lem:hklm} \label{lem:hklm} HKLM \label{lem:hklm} Software \label{lem:hklm} wicrosoft \label{lem:hklm} experies certificates \label{lem:hklm} \label{lem:hklm} \label{lem:hklm} \label{lem:hklm} \label{lem:hklm} \label{lem:hkklm} HKLM \label{lem:hkklm} \label{lkklm} \label{lkklm} \label{lkklm} \label{lkklm} \label{lkklm} \l
     Creates key:
                                                                                HKLM\software\microsoft\enterprisecertificates\trustedpeople\ctls
     Creates key:
                                                                                HKCU\software\microsoft\systemcertificates\trust
     Creates key:
                                                                                HKCU\software\microsoft\systemcertificates\trust\certificates
     Creates key:
                                                                                \label{lem:hkcu} \verb+KKCU \software \microsoft \system certificates \trust \crls
                                                                                HKCU\software\microsoft\systemcertificates\trust\ctls
HKCU\software\policies\microsoft\systemcertificates\trust
     Creates kev:
     Creates key:
      Creates key:
                                                                                HKCU\software\policies\microsoft\systemcertificates\trust\certificates
     Creates key
                                                                                HKCU\software\policies\microsoft\systemcertificates\trust\crls
                                                                                HKCU\software\policies\microsoft\systemcertificates\trust\ctls
     Creates kev:
                                                                                HKLM\software\wow6432node\microsoft\systemcertificates\trust
     Creates key
                                                                                HKLM\software\microsoft\systemcertificates\trust
     Creates key
     Creates key:
                                                                                HKLM \backslash software \backslash microsoft \backslash system certificates \backslash trust \backslash certificates
                                                                                HKLM\software\microsoft\systemcertificates\trust\crls
     Creates kev:
                                                                                HKLM\software\microsoft\systemcertificates\trust\ctls
     Creates key
     Creates key:
                                                                                HKLM \verb|\software| \verb|\wow6432| node \verb|\policies| microsoft| system certificates \verb|\trust| trust | tru
     Creates key:
                                                                                HKLM\software\policies\microsoft\systemcertificates\trust
HKLM\software\policies\microsoft\systemcertificates\trust\certificates
     Creates key:
                                                                                HKLM\software\policies\microsoft\systemcertificates\trust\crls
      Creates key
     Creates key
                                                                                HKLM \verb|\software| policies \verb|\microsoft| system certificates \verb|\trust| ctls
                                                                                HKLM\software\wow6432node\microsoft\enterprisecertificates\trust
     Creates key:
     Creates key:
                                                                                HKLM\software\microsoft\enterprisecertificates\trust
      Creates key:
                                                                                \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} is considered in the constraint of the constrai
     Creates key
                                                                                HKLM \setminus software \setminus microsoft \setminus enterprise certificates \setminus trust \setminus crls
                                                                                HKLM\software\microsoft\enterprisecertificates\trust\ctls
     Creates key:
     Creates key:
                                                                                HKCU\software\microsoft\windows\currentversion\internet
settings\connections
     Creates key:
                                                                                HKCU\software\microsoft\windows\currentversion\internet
settings\p3p\history
     Deletes value:
                                                                                HKCU\software\microsoft\windows\currentversion\internet
settings\zonemap[proxybypass]
    Deletes value:
                                                                                HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zonemap[proxybypass]
```

Deletes value: HKCU\software\microsoft\windows\currentversion\internet settings\zonemap[intranetname]

```
settings\zonemap[intranetname]
    Deletes value:
                                                                HKU\s-1-5-21-1923240461-1905901954-2556564120-
                                                               windows\currentversion\internet settings[proxyserver]
 1001\software\microsoft\
                                                                HKU\s-1-5-21-1923240461-1905901954-2556564120-
    Deletes value:
1001\software\microsoft\windows\currentversion\internet settings[proxyoverride]
                                                                HKU\s-1-5-21-1923240461-1905901954-2556564120-
    Deletes value:
1001\software\microsoft\windows\currentversion\internet settings[autoconfigur1] Deletes value: HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[autodetect]
                                                                HKCU\software\microsoft\windows\currentversion\internet
    Deletes value
settings[proxyserver]
    Deletes value:
                                                                HKCU\software\microsoft\windows\currentversion\internet
settings[proxyoverride]
    Deletes value:
                                                                HKCU\software\microsoft\windows\currentversion\internet
settings[autoconfigurl]
                                                                HKCU\software\microsoft\windows\currentversion\internet
    Deletes value
settings[autodetect]
    Opens key:
                                                                HKLM\software\microsoft\wow64
    Opens key:
                                                                HKLM\system\currentcontrolset\control\terminal server
    Opens key:
                                                                HKLM\system\currentcontrolset\control\safeboot\option
     Opens key:
                                                                HKLM\system\currentcontrolset\control\srp\gp\dll
    Opens key:
HKLM\software\wow6432node\policies\microsoft\windows\safer\codeidentifiers
    Opens key:
                                                                HKLM\software\policies\microsoft\windows\safer\codeidentifiers
     Opens key:
                                                                \label{thm:condition} \begin{tabular}{ll} HKCU \software \begin{tabular}{ll} \dot{policies} \end{tabular} in the condition of 
    Opens key:
                                                                {\tt HKLM \ } system \verb|\ current control \ \\ control \verb|\ nls \ \\ custom locale \\
                                                               HKLM\system\currentcontrolset\control\nls\language
    Opens key:
    Opens key:
                                                                HKLM\system\currentcontrolset\control\mui\uilanguages
     Opens key:
                                                                HKLM\system\currentcontrolset\control\mui\uilanguages\en-us
    Opens key:
                                                                \label{local-control} \begin{tabular}{ll} HKLM \end{tabular} system \current control \end{tabular} uil anguages \end{tabular} pending delete \end{tabular}
                                                                HKLM\software\wow6432node\policies\microsoft\mui\settings
    Opens key:
                                                                HKLM\software\policies\microsoft\mui\settings
    Opens key:
     Opens key:
                                                                HKCU\
                                                               \label{thm:main} HKCU\control\ panel\ desktop\ muicached\ machine language configuration \\ HKLM\control\ mui\control\ mu
    Opens key:
    Opens key:
                                                                HKCU\software\policies\microsoft\control panel\desktop
     Opens key:
     Opens key:
                                                                {\tt HKCU \backslash control\ panel \backslash desktop \backslash language configuration}
                                                                HKCU\control panel\desktop
    Opens key:
                                                                HKCU\control panel\desktop\muicached
    Opens key:
                                                                \label{thm:microsoft} \begin{tabular}{ll} HKLM\software\wow6432node\microsoft\windows\currentversion\sidebyside \end{tabular}
     Opens key:
    Opens key:
                                                                \label{lem:hklm} \verb+Kklm \+ system \+ control \+ ls \+ sorting \+ versions
    Opens key:
                                                                HKLM\software\microsoft\windows nt\currentversion\appcompatflags\dbglog
                                                                HKCU\software\microsoft\windows nt\currentversion\appcompatflags
     Opens key:
     Opens key:
                                                               HKLM\software\microsoft\windows
\verb|nt\currentversion\appcompatflags\disable8| and 16| bitmitigation| \\
    Opens key:
                                                               HKLM\system\currentcontrolset\control\session manager
     Opens key:
\label{thm:local_hammon} \begin{tabular}{ll} HKLM \software \wow 6432 node \microsoft \windows \current version \side by side \as sembly storage roots \end{tabular}
    Opens key:
                                                               HKLM\software\wow6432node\microsoft\windows nt\currentversion\image file
execution options
    Opens key:
                                                                HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllnxoptions
                                                               HKLM\software\wow6432node\microsoft\windows
Opens key: HKLM\so nt\currentversion\gre_initialize
                                                                HKLM\software\wow6432node\microsoft\windows
    Opens key:
nt\currentversion\compatibility32
                                                               HKLM\software\wow6432node\microsoft\windows nt\currentversion\ime
    Opens key
compatibility
    Opens key:
                                                                HKLM\
    Opens key:
                                                               HKLM\software\wow6432node\microsoft\windows nt\currentversion\windows
                                                               HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy
    Opens key:
    Opens key:
                                                                HKLM\system\currentcontrolset\control\lsa
{\tt HKLM \configuration} \label{thm:linear} {\tt HKLM \configuration} \\
    Opens key:
                                                                HKLM\software\wow6432node\microsoft\ole
     Opens key:
                                                                HKLM\software\wow6432node\microsoft\ole\tracing
     Opens key:
                                                                HKLM\software\microsoft\ole\tracing
    Opens key:
                                                                HKLM\software\wow6432node\microsoft\oleaut
    Opens key:
                                                                HKLM\system\currentcontrolset\control\compression
                                                                HKLM\software\policies\microsoft\sqmclient\windows
     Opens key:
    Opens key:
                                                                HKLM\software\microsoft\sqmclient\windows
                                                                HKCU\software\microsoft\windows\currentversion\directmanipulation
    Opens key:
                                                                HKLM\system\currentcontrolset\control\nls\extendedlocale
     Opens key:
                                                                HKLM\system\currentcontrolset\control\nls\sorting\ids
     Opens key:
    Opens key:
                                                                HKLM\software\policies\microsoft\windows\control panel\desktop
                                                               HKCU\software\policies\microsoft\windows\control panel\desktop
    Opens key:
                                                                HKLM\software\wow6432node\microsoft\windows
     Opens kev
nt\currentversion\languagepack\surrogatefallback
    Opens key:
                                                               HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback
                                                                HKCU\software\classes\
    Opens key:
                                                                HKLM\software\microsoft\com3
     Opens key:
                                                               {\tt HKLM \setminus software \setminus microsoft \setminus windows runtime \setminus activatable classid}
    Opens key:
    Opens key:
Opens key:
                                                               HKLM\software\microsoft\windowsruntime\clsid
                                                               Opens key
ae1896804b3e}
     Opens key:
HKLM \label{eq:hklm} INSOftware \label{eq:hklm} Wow 6432 node \label{eq:hklm} irrosoft \ctf \compatibility \c
                                                               HKLM\software\microsoft\windows nt\currentversion\fontlink\systemlink
    Opens key:
    Opens key:
                                                                HKLM\software\microsoft\windows
nt\currentversion\languagepack\datastore_v1.0
    Opens key:
                                                                {\tt HKLM \ } system \verb|\ current control set \verb|\ control \verb|\ nls \verb|\ locale \\
                                                                HKLM\system\currentcontrolset\control\nls\locale\alternate sorts
    Opens key:
     Opens key:
                                                                HKLM\system\currentcontrolset\control\nls\language groups
                                                                \label{lem:hkcu} \mbox{\tt HKCU\software\mbox{\tt microsoft\windows\currentversion\explorer\advanced}} \ \ \mbox{\tt advanced} \ \ \mbox{\tt advanced} \
     Opens key:
    Opens key:
                                                               HKLM\software\wow6432node\microsoft\windows
nt\currentversion\fontsubstitutes
                                                                Opens key:
    Opens key:
                                                               HKLM\software\microsoft\windows
```

HKLM\software\wow6432node\microsoft\windows\currentversion\internet

Deletes value:

```
\verb|nt\current| version \verb|\language| pack \verb|\surrogatefall| back \verb|\segoe| ui
                                                                                            HKLM\software\microsoft\windows
     Opens key:
nt\currentversion\languagepack\surrogatefallback\tahoma
      Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions
     Opens key:
HKLM \label{lem:hklm} White the latest and the la
c1bf-494e-b29c-65b732d3d21a}
     Opens key:
c1bf-494e-b29c-65b732d3d21a}\propertybag
      Opens key:
                                                                                            HKLM\software\wow6432node\microsoft\windows\currentversion
      Opens key:
HKLM \label{lem:hklm} Which is the latest and the
a0fb-4bfc-874a-c0f2e0b9fa8e}
     Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{7c5a40ef-
a0fb-4bfc-874a-c0f2e0b9fa8e}\propertybag
      Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\knownfoldersettings
     Opens kev:
HKLM\software\wow6432node\microsoft\windows\currentversion\policies\explorer
     Opens key:
                                                                                            \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} Software \end{tabular} in the constraint of the
      Opens key:
                                                                                            HKCU\software\microsoft\windows\currentversion\policies\explorer
      Opens key:
HKLM \software \wow 6432 node \mbox{\software} a 206c340 bag 37 ea e 9 c 35 f 04 f 6 c e d f e 5 e 9 g d 63. exe e 10 f a 20 f e 10 f
                                                                                            HKCU\software\classes\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
      Opens key:
08002b30309d}\shellfolder
     Opens key:
                                                                                            HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder
     Opens key:
                                                                                            HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus (20d04fe0-d1) = (20d04fe0-d1) + (20d04fe0-d1) = (20d04fe0-d1) + (20d04fe0-d1) = (20d04fe0-d1) + (20d04fe0-d1) = (20d04f
3aea-1069-a2d8-08002b30309d}\shellfolder
     Opens key:
a2d8-08002b30309d}\shellfolder
                                                                                            HKCU\software\microsoft\windows\currentversion\policies\nonenum
     Opens key:
       Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\policies\nonenum
     Opens key:
                                                                                            HKLM\software\microsoft\windows\currentversion\policies\nonenum
      Opens key:
                                                                                            HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8
08002b30309d}\inprocserver32
     Opens key:
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume
     Opens key:
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume\{d5291c64-7c88-}
11e3-be65-806e6f6e6963}\
                                                                                             HKCU\software\classes\drive\shellex\folderextensions
      Opens key:
       Opens key:
                                                                                             HKCR\drive\shellex\folderextensions
                                                                                             HKCU\software\classes\drive\shellex\folderextensions\{fbeb8a05-beee-
      Opens key:
4442-804e-409d6c4515e9}
     Opens key:
                                                                                            HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-
409d6c4515e9}
      Opens key:
                                                                                             Opens key:
                                                                                             HKLM\software\wow6432node\microsoft\windows\currentversion\setup
                                                                                             HKLM\software\microsoft\windows\currentversion\setup
      Opens key:
       Opens key:
                                                                                             HKLM\software\wow6432node\policies\microsoft\windows\explorer
      Opens key:
                                                                                            HKLM \ system \ current control \ device classes \ \ \{53f5630d-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b
94f2-00a0c91efb8b3
                                                                                            HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
      Opens key:
94f2-00a0c91efb8b}\properties
     Opens key:
                                                                                            HKLM\software\policies\microsoft\windows\explorer
                                                                                            HKCU\software\policies\microsoft\windows\explorer
HKCR\wow6432node\clsid\{75847177-f077-4171-bd2c-
      Opens key:
      Opens key:
a6bb2164fbd0}\inprocserver32
Opens key:
b8dc300d9f9d}
                                                                                            HKLM\software\microsoft\windowsruntime\clsid\{1f486a52-3cb1-48fd-8f50-
      Opens key:
                                                                                             HKCR\activatableclasses\clsid
                                                                                             HKCR \ activatable classes \ \ \{1f486a52-3cb1-48fd-8f50-b8dc300d9f9d\}
       Opens key:
      Opens key
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\label{two-continuous} HKCU \software \microsoft \windows \current version \explorer \mountpoints 2 \cpc \volume \d5291c63-7c88-1000 \mbox{\current} \cite{CU} \cite
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Opens key: HKCU\software\classes\.exe\openwithprogids

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HKCU\software\microsoft\windows\currentversion\explorer\

HKCR\.exe

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nt\currentversion\profilelist\s-1-5-21-1923240461-1905901954-2556564120-1001
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paths\install.exe
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                                                                                       HKLM\software\microsoft\windows\currentversion\app paths\install.exe
                                                                                        HKLM\software\microsoft\windows nt\currentversion\image file execution
       Opens kev
options\install.exe
       Opens key:
                                                                                       HKLM\software\microsoft\windows
nt\currentversion\appcompatflags\custom\install.exe
       Opens key:
                                                                                        HKCU\software\classes\applications\install.exe
       Opens key:
                                                                                        HKCR\applications\install.exe
      Opens key:
                                                                                        HKCU\software\microsoft\windows\currentversion\app
paths\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe
       Opens key:
                                                                                        paths\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe
                                                                                       HKLM\software\microsoft\windows\currentversion\app
      Opens key:
paths\755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe
                                                                                        HKLM\system\currentcontrolset\control\networkprovider\hworder
       Opens key:
                                                                                       \label{thm:local_hamman_hamman} HKLM \system \corrent controls et\services \label{thm:hamman} \ an extension \system \corrent \system \corrent \system \syst
       Opens key:
      Opens key:
       Opens key:
                                                                                        HKCU\software\classes\wow6432node\clsid
       Opens key:
                                                                                        HKCR\wow6432node\clsid
       Opens key:
                                                                                        HKLM\system\currentcontrolset\services\crypt32
                                                                                        HKLM\software\wow6432node\microsoft\windows nt\currentversion\msasn1
       Opens key:
       Opens key:
                                                                                        HKCU\software\microsoft\windows nt\currentversion\windows
       Opens key:
                                                                                        \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ policies\+ network
```

```
Opens key:
                                                                                        HKCU\software\microsoft\windows\currentversion\policies\comdlg32
       Opens key:
 HKL\ M\ Noftware \ Now 6432 node \ Microsoft\ New Modes \ Notation \ Notati
 6fba-4fcf-9d55-7b8e7f1570913
       Opens key:
6fba-4fcf-9d55-7b8e7f157091}\propertybag
       Opens key:
HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus shell compatibility \setminus applications \setminus flash player 18\_a\_install.execompatibility \setminus applications 
                                                                                       HKLM\system\currentcontrolset\control\lsa\accessproviders
       Opens key:
       Opens key:
                                                                                        HKLM\software\microsoft\windowsruntime\clsid\{8856f961-340a-11d0-a96b-
00c04fd705a2}
                                                                                       HKCR\activatableclasses\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}
       Opens key:
       Opens key:
                                                                                        HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-
 00c04fd705a2}
       Opens key:
                                                                                        HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}
       Opens kev:
                                                                                        HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-
 00c04fd705a2}\treatas
                                                                                        Opens key:
       Opens key:
                                                                                       HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-
00c04fd705a2}\inprocserver32
                                                                                       HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-
       Opens key:
00c04fd705a2}\inprocserver32
                                                                                       HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-
      Opens key:
 00c04fd705a2}\inprochandler32
                                                                                        HKCR\\
                                                                                                                    w6432node\clsid\{8856f961-340a-11d0-a96b-
00c04fd705a2}\inprochandler32
                                                                                       HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-
      Opens key:
00c04fd705a2}\inprochandler
                                                                                        HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-
00c04fd705a2}\inprochandler
                                                                                       HKCU\software\microsoft\internet explorer\main
       Opens key:
       Opens key:
                                                                                        \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} wow 6432 node \end{tabular} microsoft \end{tabular} in terms to explore \end{tabular} wow 6432 node \e
                                                                                        HKLM\software\wow6432node\policies\microsoft\internet explorer\main
       Opens key:
       Opens key:
                                                                                       HKLM\software\policies\microsoft\internet explorer\main
                                                                                       HKCU\software\policies\microsoft\internet explorer\main
       Opens key:
       Opens key:
                                                                                        HKCU\software\microsoft\internet
explorer\main\featurecontrol\msinternal_metro_allow_tpg_zero
      Opens key:
                                                                                       HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\msinternal_metro_allow_tpg_zero
                                                                                        HKCU\software\classes\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
       Opens key:
08002b30309d}\shellfolder
                                                                                       HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
      Opens key:
 08002b30309d}\shellfolder
       Opens key:
                                                                                       HKCU\software\microsoft\windows\currentversion\explorer\clsid\{871c5380-
42a0-1069-a2ea-08002b30309d}\shellfolder
                                                                                       HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
      Opens key:
08002b30309d}\inprocse
                                                                                        HKLM\software\wow6432node\microsoft\windows\currentversion\shell
       Opens key:
extensions\blocked
                                                                                       HKCU\software\microsoft\windows\currentversion\shell extensions\blocked
       Opens kev:
                                                                                        \label{thm:local-continuous} \mbox{\tt HKCU\software\mbox{\tt microsoft\windows\currentversion\shell} extensions\cached}
       Opens kev
       Opens key:
                                                                                       HKLM \setminus software \setminus microsoft \setminus windows runtime \setminus clsid \setminus \{871c5380-42a0-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-106
08002b30309d3
       Opens key:
                                                                                        HKCR\activatableclasses\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}
                                                                                       HKCU\software\classes\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
       Opens key:
08002b30309d}
                                                                                       HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}
      Opens key:
       Opens key:
                                                                                       HKCU\software\classes\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
08002b30309d}\treatas
       Opens key:
                                                                                       HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}\treatas
                                                                                       HKCU \setminus software \setminus classes \setminus wow 6432 node \setminus clsid \setminus \{871c5380-42a0-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2
       Opens key:
 08002b30309d}\inprocserver32
                                                                                       HKCU\
                                                                                                           software\classes\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
08002h30309d}\inprochandler32
                                                                                       HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
      Opens key:
08002b30309d}\inprochandler32
                                                                                       HKCU\software\classes\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
       Opens key
08002b30309d}\inprochandler
      Opens key:
                                                                                       HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
 08002b30309d}\inprochandler
      Opens key:
HKLM\software\wow6432node\microsoft\windows\currentyersion\shellcompatibility\objects\{871c5380-
 42a0-1069-a2ea-08002b30309d}
                                                                                       HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_iedde_register_protocol
\label{lem:openskey:openskey: HKLM\software\www6432node\microsoft} explorer\mbox{\sc microsoft} et in the control feature_iedde_register\_protocol
                                                                                       HKLM\software\wow6432node\microsoft\internet
                                                                                        HKLM\software\wow6432node\microsoft\windows\currentversion\internet
       Opens key:
 \texttt{settings} \\ \\ \bar{\texttt{5.0}} \\ \\ \texttt{cache}
       Opens kev:
                                                                                        HKII\
       Opens key:
                                                                                        HKU\.default
                                                                                       \label{thm:linear} \begin{tabular}{ll} HKU\label{thm:linear} AKU\label{thm:linear} Windows\currentversion\color=linear. The property of the 
       Opens key:
shell folders
                                                                                       HKLM\software\wow6432node\microsoft\windows
      Opens key:
nt\currentversion\profilelist
       Opens key:
                                                                                       HKLM\software\microsoft\windows nt\currentversion\profilelist
      Opens key:
                                                                                       HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_http_username_password_disable
                                                                                       HKLM\software\wow6432node\microsoft\internet
       Opens key:
\verb|explorer\main\featurecontrol\feature_http_username_password_disable|
                                                                                       HKCU\software\microsoft\internet
      Opens key:
 explorer\main\featurecontrol\retry_headeronlypost_onconnectionreset
                                                                                       HKLM\software\wow6432node\microsoft\internet
       Opens key:
explorer\main\featurecontrol\retry_headeronlypost_onconnectionreset
Opens key: HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling
                                                                                       HKLM\software\wow6432node\microsoft\internet
       Opens key:
 {\tt explorer} \verb|\main| featurecontrol| feature\_mime\_handling
                                                                                       HKCU\software\microsoft\internet
       Opens key:
 explorer\main\featurecontrol\feature_bypass_cache_for_credpolicy_kb936611
```

HKLM\software\wow6432node\microsoft\internet

Opens key:

```
explorer \verb|\main| featurecontrol| feature\_bypass\_cache\_for\_credpolicy\_kb936611
                          HKCU\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_ignore_mappings_for_credpolicy
                          HKLM\software\wow6432node\microsoft\internet
 Opens key:
\verb|explorer\main\featurecontrol\feature\_ignore\_mappings\_for\_credpolicy| \\
                          HKCU\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_include_port_in_spn_kb908209
 Opens key:
                          HKLM \ software \ wow 6432 node \ microsoft \ internet
explorer\main\featurecontrol\feature_include_port_in_spn_kb908209
                          HKCU\software\microsoft\internet
 Opens key:
                         trol\feature_bufferbreaking_818408
explorer\main\featurecom
 Opens key:
                          HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_bufferbreaking_818408
                          HKCU\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_skip_post_retry_on_internetwritefile_kb895954
 Opens key:
                          HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature skip post retry on internetwritefile kb895954
                          HKCU\software\microsoft\internet
  Opens kev:
explorer\main\featurecontrol\feature_fix_chunked_proxy_script_download_kb843289
 Opens key:
                          HKLM \ software \ wow 6432 node \ microsoft \ internet
explorer\main\featurecontrol\feature_fix_chunked_proxy_script_download_kb843289
                          HKCU\software\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature_use_cname_for_spn_kb911149
 Opens key:
                          HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_use_cname_for_spn_kb911149
  Opens key:
                          HKCU\software\microsoft\internet
\verb|explorer\main\featurecontrol\feature_allow\_long\_international\_file names| \\
                          HKLM\software\wow6432node\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_allow_long_international_filenames
 Opens key:
                          HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_permit_cache_for_authenticated_ftp_kb910274
Opens key: HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_permit_cache_for_authenticated_ftp_kb910274
                          HKCU\software\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback
                          HKLM\software\wow6432node\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback
 Opens key:
                          {\tt HKCU \backslash software \backslash microsoft \backslash internet}
explorer\main\featurecontrol\feature_disallow_null_in_response_headers
                          HKLM\software\wow6432node\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_disallow_null_in_response_headers
 Opens key:
                          HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_digest_no_extras_in_uri
                          HKLM\software\wow6432node\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_digest_no_extras_in_uri
 Opens key:
                          HKLM\software\wow6432node\microsoft\internet
\verb|explorer\main\feature_enable_passport_session_store_kb948608|
  Opens key:
                          HKCU\software\microsoft\internet
                         ntrol\feature_exclude_invalid_client_cert_kb929477
explorer\main\featurecom
 Opens key:
                          HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature exclude invalid client cert kb929477
  Opens key:
                          HKCU\software\microsoft\internet
\verb|explorer\| main | feature control | feature use utf8_for basic_auth_kb967545| \\
 Opens key:
                          HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_use_utf8_for_basic_auth_kb967545
  Opens key:
                          HKCU\software\microsoft\internet
explorer \verb|\main| featurecontrol| feature\_return\_failed\_connect\_content\_kb942615
                          HKLM\software\wow6432node\microsoft\internet
 Opens key:
explorer\main\featurecontrol\feature_return_failed_connect_content_kb942615
                          HKCU\software\microsoft\internet
 Opens key:
explorer \verb|\main| featurecontrol| feature\_preserve\_spaces\_in\_file names\_kb952730
 Opens key:
                          HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_preserve_spaces_in_filenames_kb952730
 Opens key:
                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache
 Opens key:
HKLM\software\policies\microsoft\windows\currentversion\internet
 Opens key:
settings\5.0\cache
 Opens key:
                          HKCU\software\policies\microsoft\windows\currentversion\internet
settings\5.0\cache
 Opens key:
HKCU\software\policies\microsoft\windows\currentversion\explorer\autocomplete
                          HKCU\software\microsoft\windows\currentversion\explorer\autocomplete
 Opens key:
HKLM\software\policies\microsoft\windows\currentversion\explorer\autocomplete
Opens key: \label{lem:hammon} \begin{tabular}{ll} $\overset{\cdot}{\cdot}$ \\ $\mathsf{HKLM} \sim & \text{higher} \\ \end{tabular} 
 Opens key:
                          HKLM\software\microsoft\windowsruntime\clsid\{00bb2765-6a77-11d0-a535-
00c04fd7d0623
                          HKCR\activatableclasses\clsid\{00bb2765-6a77-11d0-a535-00c04fd7d062}
 Opens kev:
  Opens kev
                          HKCU\software\classes\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
00c04fd7d062}
 Opens key:
                          HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-00c04fd7d062}
                          HKCU\software\classes\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
 Opens key:
00c04fd7d062}\treatas
 Opens key:
                          HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-00c04fd7d062}\treatas
                          HKCU\software\classes\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
 Opens key:
00c04fd7d062}\inprocserver32
                          HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
00c04fd7d062}\inprocserver32
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 Opens key:
00c04fd7d062}\inprochandler32
                          HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
00c04fd7d062}\inprochandler32
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 Opens key:
00c04fd7d062}\inprochandler
                          HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
 Opens key:
00c04fd7d062}\inprochandler
                          HKCU\software\microsoft\internet
 Opens key:
explorer \verb|\main| featurecontrol| feature_disable_notify_unverified\_spn\_kb2385266
 Opens key:
                          HKLM\software\wow6432node\microsoft\internet
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Opens key:
                                                           HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_compat_use_connection_based_negotiate_auth_kb2151543
                                                           HKLM\software\wow6432node\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature compat use connection based negotiate auth kb2151543
                                                           HKCU\software\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature_sch_send_aux_record_kb_2618444
                                                           HKLM\software\wow6432node\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature_sch_send_aux_record kb 2618444
                                                           HKLM\software\microsoft\windowsruntime\clsid\{03c036f1-a186-11d0-824a-
   Opens key:
00aa005b4383}
    Opens key:
                                                           HKCR \ activatable classes \ \ clsid \ \ \{03c036f1-a186-11d0-824a-00aa005b4383\}
    Opens key:
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00aa005b4383}
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    Opens key
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   Opens key:
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00c04fd7d062}
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    Opens key
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                                                           HKCR\wow6432node\clsid\{00bb2763-6a77-11d0-a535-00c04fd7d062}
   Opens key:
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   Opens key:
    Opens key:
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    Opens kev
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00c04fd7d062}\inprochandler
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00c04fd7d062}\inprochandler
    Opens key:
HKL\dot{M} software \verb|\www6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\autocomplete| client| and the complete \verb|\currentversion| explorer |\currentversion| explorer 
   Opens key:
                                                           HKLM\software\microsoft\windowsruntime\clsid\{807c1e6c-1d00-453f-b920-
b61bb7cdd997}
                                                           HKCR\activatableclasses\clsid\{807c1e6c-1d00-453f-b920-b61bb7cdd997}
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b61bb7cdd9973
                                                           HKCR\wow6432node\clsid\{807c1e6c-1d00-453f-b920-b61bb7cdd997}
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b61bb7cdd997}\treatas
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    Opens key:
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    Onens key
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b61bb7cdd997}\inprocserver32
    Opens key:
                                                           HKCU \setminus software \setminus classes \setminus wow6432 node \setminus clsid \setminus \{807c1e6c-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-453f-b920-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-1d00-450-
b61bb7cdd997}\inprochandler32
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b61bb7cdd997}\inprochandler
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    Opens key:
                                                           HKLM\system\currentcontrolset\services\winsock2\parameters
    Opens key:
                                                           HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog
    Opens key:
\label{local-parameters-lap} HKLM \xsystem \current controlset \xservices \winsock 2 \parameters \appid\_catalog \xspread \xspre
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9
   Opens kev:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\00000005
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HKLM\system
                            \currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000000
    Opens key:
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explorer\main\featurecontrol\feature disable notify unverified spn kb2385266

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Opens key:
Opens key:
                                                        urrentcontrolset\services\winsock2\parameters\namespace_catalog5
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HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\00000014
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      Opens key:
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HKLM\software\wow6432node\microsoft\rpc\extensions
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       Opens key:
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                                                                                                         HKLM\svstem\currentcontrolset\services\tcpip\parameters\winsock
       Opens key:
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        Opens key:
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migration\providers\tcpip6
       Opens key:
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       Opens key:
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                                                                                                         HKCU\software\classes\protocols\name-space handler\res\
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00aa00bdce0b}
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       Opens kev:
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00aa00bdce0b}\inprochandler32
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      Opens key:
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00aa00bdce0b}\inprochandler
      Opens key:
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                                                        \verb|\wow6432node\microsoft\windows\currentversion\shellcompatibility\applications\install.exe | |
      Opens key:
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      Opens key:
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      Opens key:
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4901-4acc-8648-d5d44b04ef8f}
      Opens key:
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4901-4acc-8648-d5d44b04ef8f}\propertybag
      Opens key:
                                                                                                         HKCU\software\classes\wow6432node\clsid\{59031a47-3f72-44a7-89c5-
5595fe6b30ee}\shellfolder
       Opens key:
                                                                                                         HKCR\wow6432node\clsid\{59031a47-3f72-44a7-89c5-
5595fe6b30ee}\shellfolder
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      Opens key:
3f72-44a7-89c5-5595fe6b30ee}\shellfolder
      Opens key:
\label{thm:local-continuous} HKLM \software \wow 6432 node \mbox{microsoft} \windows \current version \explorer \clsid \software \clsid \software \www. \current \clsid \software \software \clsid \software \clsid \software \software \clsid \software \clsid \software \software \software \clsid \software \sof
89c5-5595fe6b30ee}\shellfolder
      Opens key:
                                                                                                         HKCR\wow6432node\clsid\{59031a47-3f72-44a7-89c5-
5595fe6b30ee}\inprocserver32
      Opens key:
                                                                                                         HKCR\wow6432node\clsid\{4df0c730-df9d-4ae3-9153-
aa6b82e9795a}\inprocserver32
      Opens key:
debb-4115-95cf-2f29da2920da}
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HKL\ M\ Noftware \ Now 6432 node \ Microsoft\ New Model Now \ Now Model No
debb-4115-95cf-2f29da2920da}\propertybag
      Opens key:
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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{f38bf404-1d43-42f2-9305-67de0b28fc23}

Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\\{f38bf404-1d43-42f2-9305-67de0b28fc23}\propertybag

Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\\\{f7f1ed05-

9f6d-47a2-aaae-29d317c6f0663

Opens key:

9f6d-47a2-aaae-29d317c6f066}\propertybag

Opens key:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2112ab0ac86a-4ffe-a368-0de96e47012e}

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c86a-4ffe-a368-0de96e47012e}\propertybag

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e6cf-4f4e-b800-0e69d84ee384}

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 $HKLM \label{lem:hklm} Which is the latter when the latter wh$ f20f-4863-afef-f87ef2e6ba25}

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99b5-455b-841c-ab7c74e4ddfc}

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6d19-48d3-be97-422220080e43}

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5ebc-4f02-a3a9-6c82895e5c04}

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2e2b-44c3-a6a2-aba601054a51}

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bbf8-452a-850d-79d08e667ca7}

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df94-4682-a7d8-57a52620b86f}

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fdc1-4dc3-a9dd-070d1d495d97}

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{62ab5d82fdc1-4dc3-a9dd-070d1d495d97}\propertybag

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 $HKLM \label{lem:hklm} Which is a constant with the statement of the stat$  $6907\text{-}413c\text{-}9af7\text{-}4fc2abf07cc5} \setminus property bag$ 

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89c2-42f0-8a7e-645a0f50ca58}

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cfd1-41c3-b35e-b13f55a758f4}

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123f-4565-9164-39c4925e467b}

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f527-492b-8b1a-7e76fa98d6e4}

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c82a-4d63-906a-5644ac457385}\propertybag

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{1a6fdba2f42d-4358-a798-b74d745926c5}

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 $HKLM \label{lem:hklm} Software \label{lem:hklm} Which is the label lab$ 0dfd-4f11-9e78-5f7800f2e772}

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5812-4b87-bfd0-4cd0dfb19b39}\propertybag

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1f9c-4f13-b827-48b24b6c7174}\propertybag

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 $HKLM \label{lem:hklm} Which is a constant with the second constant wi$ dce4-45a8-81e2-fc7965083634}

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9757-4298-bb61-92a9deaa44ff}\propertybag

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{fd228cb7ae11-4ae3-864c-16f3910ab8fe}

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ae11-4ae3-864c-16f3910ab8fe}\propertybag

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 $HKLM \label{lem:hklm} Which is a substitution of the latest and the latest and$ f46a-4c97-ba10-5e36084308543

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ab48-4ec1-ba1f-a1ef4146fc19}\propertybag Opens key: 

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                                    HKCU\software\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature_use_uniscribe
                                    HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_use_uniscribe
  Opens kev:
                                    HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_ninput_legacymode
                                    HKLM\software\wow6432node\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature_ninput_legacymode
Opens key: HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_disable_hang_recovery_touch_mitigation
  Opens key:
                                    HKLM\software\wow6432node\microsoft\internet
\begin{tabular}{ll} explorer\mbox{$^{$\rm main}$ feature control feature\_disable\_hang\_recovery\_touch\_mitigation} \\ Opens~key: $$HKCU\software\mbox{$^{$\rm microsoft}$ internet}$ \end{tabular}
explorer\main\featurecontrol\feature_paint_inside_wmpaint
  Opens key:
                                    HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature paint inside wmpaint
  Opens key:
                                    HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_software_filter_rendering
  Opens key:
                                    HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_software_filter_rendering
                                    HKCU\software\microsoft\internet
  Opens key:
explorer\main\featurecontrol\feature_spellchecking
  Opens key:
                                    HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_spellchecking
                                    HKCU\software\microsoft\internet
\verb|explorer\main\featurecontrol\feature\_structure\_node\_child\_count|\\
```

```
Opens key:
                                                      HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature structure node child count
   Opens key:
                                                      HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_tune_hang_recovery_touch_mitigation
   Opens key:
                                                      HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_tune_hang_recovery_touch_mitigation
                                                      HKCU\software\microsoft\internet
   Opens key:
\verb|explorer\main\featurecontrol\feature_force_natural\_text\_metrics| \\
                                                      HKLM\software\wow6432node\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature_force_natural_text_metrics
                                                      HKCU\software\microsoft\internet
    Opens key:
\verb|explorer\main\featurecontrol\feature\_cleanup\_at\_fls|
   Opens key:
                                                      HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_cleanup_at_fls
                                                      HKLM\system\currentcontrolset\services\devicesync
    Opens key:
   Opens key:
                                                      {\tt HKLM \ } system \verb| current control set \verb| control \ } sqmservice list
   Opens kev:
                                                      HKLM\software\wow6432node\microsoft\windows\currentversion\app
paths\outlook.exe
                                                      {\tt HKLM} \verb|\software\microsoft\windows\currentversion\app\ paths\outlook.exe}
   Opens key:
   Opens key
                                                      HKLM\software\wow6432node\microsoft\internet explorer\application
compatibility
   Opens key:
                                                      HKLM\software\wow6432node\policies\microsoft\internet
explorer\domstorage
                                                      HKLM\software\policies\microsoft\internet explorer\domstorage
   Opens key:
                                                      HKCU\software\policies\microsoft\internet explorer\domstorage
   Opens key:
    Opens key:
                                                      HKCU\software\microsoft\internet explorer\domstorage
                                                      Opens key:
   Opens key:
   Opens key:
                                                      HKLM\software\wow6432node\policies\microsoft\internet
explorer\persistence
   Opens key:
                                                      HKLM\software\policies\microsoft\internet explorer\persistence
                                                      HKU\.default\software\policies\microsoft\windows\safer\codeidentifiers
   Opens key:
                                                      HKU\.default\control
   Opens key:
\verb|panel| desktop| \verb|muicached| machine language configuration| \\
                                                      \begin{tabular}{ll} HKU\label{table} LKU\label{table} AKU\label{table} AKU\label\label} AKU\label\label{table} AKU\label\label} AKU\label\label\ AKU\label\label\ AKU\label\label\ AKU\label\ AKU\label\ AKU\lab
   Opens kev:
                                                      HKU\.default\control panel\desktop\languageconfiguration
   Opens key:
                                                      HKU\.default\control panel\desktop
    Opens key:
    Opens key:
                                                      HKU\.default\control panel\desktop\muicached
   Opens key:
                                                      HKU\.default\control panel\international
   Opens key:
Opens key:
                                                      HKLM\software\microsoft\windows nt\currentversion\image file execution
options\svchost.exe
   Opens key:
                                                      Opens key:
                                                      HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\accepted documents
   Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\policies\ratings
                                                      HKLM\software\microsoft\windows\currentversion\policies\ratings
   Opens key:
   Opens key:
                                                      HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature browser compatdata
                                                      HKLM\software\wow6432node\microsoft\internet
   Opens key:
\verb|explorer\main\featurecontrol\feature_browser\_compatdata|
   Opens key:
                                                      HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_browser_emulation
   Opens key:
                                                      HKLM\software\wow6432node\microsoft\internet
\verb|explorer\main\featurecontrol\feature_browser_emulation| \\
                                                      HKCU\software\microsoft\windows nt\currentversion
   Opens key:
   Opens key:
                                                      HKU\.default\software\microsoft\windows nt\currentversion
                                                      HKU\.default\software\microsoft\windows
   Opens key:
\verb|nt\current| version \verb|\appcompatflags \verb|\layers|
                                                      HKLM\software\wow6432node\microsoft\windows
   Opens key:
nt\currentversion\appcompatflags
   Opens key:
                                                      HKLM\software\wow6432node\microsoft\windows
nt\currentversion\appcompatflags\custom\svchost.exe
Opens key: HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_show_failed_connect_content_kb942615
                                                      HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_show_failed_connect_content_kb942615
   Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\27daf4d1-1069d532
   Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\27daf4d1
                                                      HKCU\software\classes\protocols\name-space handler\c\
   Opens key:
                                                      HKCR\protocols\name-space handler\c
    Opens key:
   Opens key:
                                                      HKCU\software\classes\protocols\handler\c
                                                      HKCR\protocols\handler\c
   Opens key:
    Opens key:
                                                      \label{lem:hklm} \begin{tabular}{ll} HKLM & software \wow 6432 node \microsoft \windows \current version \explorer \user \end{tabular} \label{lem:hklm}
shell folders
   Opens key:
                                                      HKLM\software\microsoft\windowsruntime\clsid\{00000323-0000-0000-c000-
000000000046}
                                                      HKCR\activatableclasses\clsid\{00000323-0000-0000-0000-0000000046}
    Opens kev
   Opens key:
                                                      \label{local-cond} \mbox{HKCU\software\classes\wow6432node\clsid\soling} \mbox{-} 
0000000000463
   Opens key:
                                                      HKCR\wow6432node\clsid\{00000323-0000-0000-c000-00000000046}
                                                      HKCU\software\classes\clsid\{00000323-0000-0000-c000-00000000046}
    Opens key:
   Opens key:
                                                      \label{localization} \mbox{HKCR\clsid\{00000323-0000-0000-c000-000000000046}\}}
                                                      HKCU\software\classes\activatableclasses\clsid
   Opens key:
   Opens key:
                                                      HKCU\software\classes\activatableclasses\clsid\{00000323-0000-0000-c000-
000000000046}
   Opens key:
                                                      {\tt HKCU \setminus software \setminus classes \setminus appid \setminus install.exe}
   Opens key:
                                                      HKCR\appid\install.exe
   Opens key:
                                                      HKLM\software\wow6432node\microsoft\ole\appcompat
    Opens key:
                                                      HKLM\software\microsoft\ole\appcompat
   Opens key:
HKLM \label{lem:hklm} Which is the latest and the
provider
                                                      HKLM\software\policies\microsoft\cryptography
   Opens key:
                                                      HKLM\software\microsoft\cryptography
HKLM\software\wow6432node\microsoft\cryptography\offload
    Opens key:
   Opens key:
   Opens key:
                                                      HKCU\software\classes\wow6432node\interface\{00000134-0000-0000-c000-
```

```
Opens key:
                                     HKCR\wow6432node\interface\{00000134-0000-0000-c000-000000000046}
                                     HKCU\software\classes\wow6432node\interface\{00000134-0000-0000-c000-
  Opens key:
000000000046}\proxystubclsid32
                                     HKCR\w
                                                 /6432node\interface\{00000134-0000-0000-c000-
000000000046}\proxystubclsid32
                                     \label{lem:hkcu} \mbox{HKCU\software\classes\directory\shellex\propertyhandler} \\
  Opens key:
                                     HKCR\directory\shellex\propertyhandler
   Opens key:
  Opens key:
                                     HKCU\software\classes\folder\shellex\propertyhandler
                                     HKCR\folder\shellex\propertyhandler
  Opens key:
                                     HKCU\software\classes\allfilesystemobjects\shellex\propertyhandler
  Opens key:
                                     HKCR\allfilesystemobjects\shellex\propertyhandler
   Opens key:
  Opens key
                                     HKCR\wow6432node\clsid\{4a04656d-52aa-49de-8a09-
cb178760e748}\inprocserver32
  Opens key:
                                     HKCU\software\microsoft\internet explorer
                                     HKLM\software\wow6432node\microsoft\internet explorer
  Opens key:
  Opens key:
                                     HKLM\software\microsoft\windowsruntime\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-
e212013ea917}
  Opens key:
                                     HKCR\activatableclasses\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-e212013ea917}
  Opens key:
                                     e212013ea917
                                     HKCR\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-e212013ea917}
  Opens kev:
                                     HKCU\software\classes\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-
   Opens key:
e212013ea917}\treatas
                                     HKCR\wow6432 node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-e212013ea917}\ \ treat as
  Opens key:
  Opens key:
                                     HKCU\software\classes\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-
e212013ea917}\inprocserver32
  Opens key:
                                     HKCR\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-
e212013ea917}\inprocserver32
                                     HKCU \setminus software \setminus classes \setminus wow 6432 node \setminus clsid \setminus \{9ac9fbe1-e0a2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-4ad6-b4ee-da2-b4ee-da2-b4ee-da2-b4ee-da2-b4ee-da2-b4ee-da2-
  Opens key:
e212013ea917}\inprochandler32
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                                     HKCR\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee
e212013ea917}\inprochandler32
  Opens key:
                                     e212013ea917}\inprochandler
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                                     HKCR\wow6432node\clsid\{9ac9fhe1-e0a2-4ad6-h4ee-
e212013ea917}\inprochandler
                                     HKLM\software\microsoft\windowsruntime\clsid\{72eb61e0-8672-4303-9175-
  Opens key:
f2e4c68b2e7c}
                                     HKCR\activatableclasses\clsid\{72eb61e0-8672-4303-9175-f2e4c68b2e7c}
  Opens key:
  Opens key:
                                     HKCU\software\classes\wow6432node\clsid\{72eb61e0-8672-4303-9175-
f2e4c68b2e7c
  Opens key:
                                     HKCR\wow6432node\clsid\{72eb61e0-8672-4303-9175-f2e4c68b2e7c}
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                                     HKCU\software\classes\wow6432node\clsid\{72eb61e0-8672-4303-9175-
f2e4c68b2e7c}\treatas
  Opens key:
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                                     HKCU\software\classes\wow6432node\clsid\{72eb61e0-8672-4303-9175-
f2e4c68b2e7c}\inprocserver32
  Opens key:
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                                                 v6432node\clsid\{72eb61e0-8672-4303-9175
f2e4c68b2e7c}\inprocserv
                                    er32
  Opens key:
                                     HKCU\software\classes\wow6432node\clsid\{72eb61e0-8672-4303-9175-
f2e4c68b2e7c}\inprochandler32
  Opens key:
                                     HKCR\wow6432node\clsid\{72eb61e0-8672-4303-9175-
f2e4c68b2e7c}\inprochandler32
                                     HKCU\software\classes\wow6432node\clsid\{72eb61e0-8672-4303-9175-
  Opens key:
f2e4c68b2e7c}\inprochandler
  Opens key:
                                     HKCR\wow6432node\clsid\{72eb61e0-8672-4303-9175-
f2e4c68b2e7c}\inprochandler
                                     HKCU\software\classes\.dll
  Opens key:
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   Opens key:
  Opens key:
                                     HKCR\.dll\openwithprogids
  Opens key:
\label{thm:hkcu} \begin{tabular}{ll} HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.dll\openwithprogids \end{tabular}
  Opens key:
                                     \label{thm:linear} \mbox{\tt HKCU\software\mbox{\tt microsoft\windows\currentversion\explorer\fileexts}} \\
   Opens key:
                                     HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.dll
  Opens key:
                                     HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.dll\
  Opens key:
\label{thm:cu} \begin{tabular}{ll} HKCU \software \mbox{$\mathbb{N}$ indows \current version \explorer \file exts \cite{tabular}. dll \cite{tabular} \end{tabular}
  Opens key:
                                     HKCU\software\classes\dllfile
  Opens key:
                                     HKCR\dllfile
                                     HKCU\software\classes\dllfile\curver
  Opens key:
  Opens key:
                                     HKCR\dllfile\curver
                                     HKCR\dllfile\
  Opens key:
  Opens key:
                                     HKCU\software\classes\dllfile\shellex\iconhandler
                                     HKCR\dllfile\shellex\iconhandler
   Opens key:
  Opens key
                                     HKCU\software\classes\systemfileassociations\.dll
                                     HKCR\svstemfileassociations\.dll
  Opens key:
   Opens key:
                                     HKCU\software\classes\systemfileassociations\.dll\shellex\iconhandler
                                     HKCR\systemfileassociations\.dll\shellex\iconhandler
   Opens key:
  Opens key:
                                     HKCU\software\classes\dllfile\docobject
  Opens kev:
                                     HKCR\dllfile\docobiect
                                     HKCU\software\classes\systemfileassociations\.dll\docobject
   Opens kev
                                     {\tt HKCR} \verb|\systemfileassociations|.dll| docobject
  Opens key:
  Opens key:
                                     HKCU\software\classes\dllfile\browseinplace
                                     HKCR\dllfile\browseinplace
  Opens key:
                                     HKCU\software\classes\systemfileassociations\.dll\browseinplace
   Opens key:
  Opens key:
                                     {\tt HKCR} \verb|\systemfileassociations|.dll\browseinplace|
                                     HKCU\software\classes\dllfile\clsid
  Opens key:
  Opens key:
                                     HKCR\dllfile\clsid
   Opens key:
                                     HKCU\software\classes\systemfileassociations\.dll\clsid
  Opens key:
                                     HKCR\systemfileassociations\.dll\clsid
                                     HKCU\software\classes\.txt
  Opens key:
  Opens key:
                                     HKCR\.txt
   Opens key:
                                     HKCU\software\classes\.txt\openwithprogids
  Opens key:
                                     HKCR\.txt\openwithprogids
  Opens key:
\label{thm:linear} \mbox{\convextwindows\currentversion\explorer\fileexts\.txt\openwithprogids} \label{thm:linear} \mbox{\convextwindows\currentversion\explorer\fileexts\.txt\openwithprogids} \label{thm:linear}
                                     \label{lem:hkcu} \mbox{\tt HKCU\software\mbox{\tt microsoft\windows\currentversion\explorer\fileexts\label{lem:hkcu}.txt}
  Opens key:
   Opens key:
                                     HKCU\software\microsoft\windows\currentversion\explorer\fileexts\.txt\
  Opens key:
\label{thm:local_hammon_hammon} \begin{tabular}{l} HKCU \software \microsoft \windows \current version \explorer \file exts \t. txt \userchoice \end{tabular}
```

HKCU\software\classes\txtfile

Opens key:

```
Opens key:
                                                                     HKCR\txtfile
                                                                     HKCU\software\classes\txtfile\curver
    Opens key:
     Opens key:
                                                                     HKCR\txtfile\curver
     Opens key:
                                                                     HKCR\txtfile\
    Opens key:
                                                                     HKCU\software\classes\txtfile\shellex\iconhandler
                                                                    HKCR\txtfile\shellex\iconhandler
    Opens key:
     Opens key:
                                                                     HKCU\software\classes\systemfileassociations\.txt
    Opens key:
                                                                     {\tt HKCR} \verb|\systemfileassociations|.txt|
    Opens key:
                                                                    HKCU\software\classes\systemfileassociations\.txt\shellex\iconhandler
                                                                     HKCR\systemfileassociations\.txt\shellex\iconhandler
    Opens key:
                                                                     HKCU\software\classes\systemfileassociations\text
     Opens key:
    Opens key:
                                                                     HKCR\systemfileassociations\text
    Opens key:
                                                                     HKCU\software\classes\systemfileassociations\text\shellex\iconhandler
                                                                     HKCR\systemfileassociations\text\shellex\iconhandler
    Opens key:
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                                                                     HKCU\software\classes\txtfile\docobject
    Opens key:
                                                                     {\tt HKCR} \verb|\txtfile| docobject
    Opens kev:
                                                                     HKCU\software\classes\systemfileassociations\.txt\docobject
     Opens key:
                                                                     HKCR\systemfileassociations\.txt\docobject
                                                                     HKCU\software\classes\systemfileassociations\text\docobject
    Opens key:
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                                                                     HKCR\systemfileassociations\text\docobject
                                                                     HKCU\software\classes\txtfile\browseinplace
    Opens kev:
                                                                     HKCR\txtfile\browseinplace
     Opens key:
    Opens key:
                                                                     \label{locality} \verb+ HKCU \software \classes \system file associations \verb+ .txt \verb+ browse in place \\
    Opens key:
                                                                    HKCR\systemfileassociations\.txt\browseinplace
HKCU\software\classes\systemfileassociations\text\browseinplace
    Opens key:
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    Opens key:
                                                                     {\tt HKCU \setminus software \setminus classes \setminus txtfile \setminus clsid}
    Opens key:
                                                                     HKCR\txtfile\clsid
                                                                     \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKCU \software \classes \system file associations \t. txt \clsid \end{tabular}
    Opens key:
     Opens key:
                                                                     {\tt HKCR \ } ileassociations \ \verb|`.txt \ \verb|| clsid
    Opens key:
                                                                     HKCU\software\classes\systemfileassociations\text\clsid
    Opens key:
                                                                    HKCR\systemfileassociations\text\clsid
    Opens key:
\label{thm:local_equation} \begin{tabular}{ll} HKLM \label{thm:local_equation} & HKLM \label{thm:local_equation} \end{tabular} $$ \end{tabular} $$ is the local explorer \label{thm:local_equation} $$ \end{tabular} $$ is the local explorer \label{thm:local_equation} $$ is the l
                                                                    \label{thm:local-hammon} HKCU \software \classes \directory \shellex \copyhook handlers \ HKCR \directory \shellex \copyhook handlers
    Opens key:
    Opens key:
                                                                     HKCU\software\classes\directory\shellex\copyhookhandlers\filesystem
     Opens key:
     Opens key:
                                                                     HKCR \verb|\directory\shellex\copy| hook handlers \verb|\filesystem| filesystem| fil
    Opens key:
                                                                    HKCR\wow6432node\clsid\{217fc9c0-3aea-1069-a2db-
08002b30309d}\inprocserver32
    Opens key:
                                                                     \label{lex-copy-hook-handlers-sharing} \begin{subarray}{ll} HKCU \software \classes \directory \shellex \copy-hook \handlers \sharing \end{subarray}
    Opens key:
                                                                    HKCR\directory\shellex\copyhookhandlers\sharing
    Opens key:
                                                                    HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
00aa003ca9f6}\inprocserver32
    Opens key:
                                                                    HKLM\software\microsoft\windowsruntime\clsid\{40dd6e20-7c17-11ce-a804-
00aa003ca9f6}
    Opens key:
                                                                     HKCR\activatableclasses\clsid\{40dd6e20-7c17-11ce-a804-00aa003ca9f6}
    Opens key:
                                                                     HKCU\software\classes\wow6432node\clsid\{40dd6e20-7c17-11ce-a804
00aa003ca9f6}
    Opens key:
                                                                    HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-00aa003ca9f6}
                                                                    HKCU\software\classes\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
    Opens kev:
00aa003ca9f6}\treatas
                                                                    Opens key:
    Opens key:
                                                                    HKCU\software\classes\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
00aa003ca9f6}\inprocserver32
                                                                    HKCU\software\classes\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
00aa003ca9f6}\inprochandler32
    Opens key
                                                                    HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
00aa003ca9f6}\inprochandler32
                                                                     HKCU\software\classes\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
00aa003ca9f6}\inprochandler
    Opens key:
                                                                    HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
00aa003ca9f6}\inprochandler
    Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\shellcompatibilitv\objects\{40dd6e20-
7c17-11ce-a804-00aa003ca9f6}
    Opens key:
                                                                    HKLM \ software \ windows runtime \ clsid \ \{edb5f444-cb8d-445a-a523-a523-a524\} \ debta{} \ begin{picture}(1,0) \put(0,0) \put(0
ec5ab6ea33c7}
    Opens key:
                                                                    HKCR\activatableclasses\clsid\{edb5f444-cb8d-445a-a523-ec5ab6ea33c7}
    Opens key:
                                                                     HKCU\software\classes\wow6432node\clsid\{edb5f444-cb8d-445a-a523
ec5ab6ea33c7
    Opens key:
                                                                     HKCR \setminus wow6432 node \\ clsid \\ \{edb5f444-cb8d-445a-a523-ec5ab6ea33c7\}
    Opens key:
                                                                    HKCU\software\classes\wow6432node\clsid\{edb5f444-cb8d-445a-a523-
ec5ab6ea33c7}\treatas
    Opens key:
                                                                     HKCR \verb|\wow6432| node \verb|\clsid\\ \{edb5f444-cb8d-445a-a523-ec5ab6ea33c7\}\\ \land treatas
    Opens key
                                                                    \label{local-equation} HKCU \software \classes \wow 6432 node \clsid \edb 5f 444-cb 8d-445a-a523-barrier \clsid 
ec5ab6ea33c7}\inprocserver32
                                                                    HKCR\wow6432node\clsid\{edb5f444-cb8d-445a-a523
    Opens key:
ec5ab6ea33c7}\inprocserver32
    Opens key:
                                                                    HKCU\software\classes\wow6432node\clsid\{edb5f444-cb8d-445a-a523-
ec5ab6ea33c7}\inprochandler32
    Opens key:
                                                                    HKCR\wow6432node\clsid\{edb5f444-cb8d-445a-a523-
ec5ab6ea33c7}\inprochandler32
    Opens key:
                                                                    HKCU\software\classes\wow6432node\clsid\{edb5f444-cb8d-445a-a523-
ec5ab6ea33c7}\inprochandler
    Opens key
                                                                    HKCR\wow6432node\clsid\{edb5f444-cb8d-445a-a523-
ec5ab6ea33c7}\inprochandler
                                                                    HKCU\software\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature_olealias_gwnd
    Opens key:
                                                                     HKLM\software\wow6432node\microsoft\internet
\verb|explorer\main\featurecontrol\feature_olealias_gwnd|
                                                                    HKCU\software\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature_topmost_gwnd
                                                                    HKLM\software\wow6432node\microsoft\internet
    Opens key:
\verb|explorer\main\featurecontrol\feature\_topmost\_gwnd|
                                                                    HKCU\software\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature_aligned_timers
                                                                    HKLM\software\wow6432node\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature_aligned_timers
                                                                    HKLM\software\microsoft\windowsruntime\clsid\{6311429e-2f1a-4777-880f-
    Opens key:
c7289fd10169}
    Opens key:
                                                                     HKCR\activatableclasses\clsid\{6311429e-2f1a-4777-880f-c7289fd10169}
```

```
Opens key
                                                      HKCU\software\classes\wow6432node\clsid\{6311429e-2f1a-4777-880f-
c7289fd10169}
   Opens key:
                                                      HKCR \setminus wow6432 node \\ clsid \setminus \{6311429 e-2 f1a-4777-880 f-c7289 fd \\ 10169 \}
                                                      c7289fd10169}\treatas
                                                     HKCR\wow6432node\clsid\{6311429e-2f1a-4777-880f-c7289fd10169}\treatas
   Opens key:
    Opens key
                                                     HKCU \setminus software \setminus classes \setminus wow 6432 \\ node \setminus clsid \setminus \{6311429 \\ e-2f1a-4777-880f-1880 \\ f-2f1a-4777-880f-1880 \\ f-2f1a-4777-880f-1880 \\ f-2f1a-4777-880f-1880 \\ f-2f1a-4777-880f-1880 \\ f-2f1a-4777-880 \\ f-2f1a-477-880 \\ f-2
c7289fd10169}\inprocserver32
                                                     HKCR\wow6432node\clsid\{6311429e-2f1a-4777-880f-
   Opens key
c7289fd10169}\inprocserver32
   Opens key
                                                     HKCU\software\classes\wow6432node\clsid\{6311429e-2f1a-4777-880f-
c7289fd10169}\inprochandler32
                                                     HKCR\wow6432node\clsid\{6311429e-2f1a-4777-880f-
   Opens key:
c7289fd10169}\inprochandler32
                                                     HKCU\software\classes\wow6432node\clsid\{6311429e-2f1a-4777-880f-
c7289fd10169}\inprochandler
                                                     HKCR\wow6432node\clsid\{6311429e-2f1a-4777-880f-
   Opens key
c7289fd10169}\inprochandler
                                                      HKLM \label{limits} LKLM \label{limits} HKLM \label{limits} IKLM \label{limits} HKLM \label{limits} IKLM \label{limits} IKLM
   Opens key:
   Opens key:
                                                     HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-19
                                                     HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-20
   Opens kev:
    Opens key:
                                                      HKLM\software\microsoft\windowsruntime\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}
   Opens key:
                                                      HKCR\activatableclasses\clsid\{49f371e1-8c5c-4d9c-9a3b-54a6827f513c}
   Opens key:
                                                      HKCU\software\classes\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}
   Opens key:
                                                     HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-54a6827f513c}
   Opens key:
                                                     HKCU\software\classes\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}\treatas
   Opens key:
                                                      \label{local-bound} HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-54a6827f513c}\ \ treat as
   Opens kev
                                                     HKCU\software\classes\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}\inprocserver32
   Opens key:
                                                     HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}\inprocserver32
   Opens key:
                                                     HKCU\software\classes\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}\inprochandler32
                                                     HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
   Opens key
54a6827f513c}\inprochandler32
   Opens key
                                                     HKCU\software\classes\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}\inprochandler
   Opens key:
                                                     HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}\inprochandler
   Opens key:
                                                     HKLM\software\microsoft\windows\currentversion\explorer\sharing
   Opens key:
                                                      HKLM\system\currentcontrolset\services\lanmanserver\defaultsecurity
   Opens key:
                                                      HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_restrict_res_to_lmz
   Opens key:
                                                     HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_restrict_res_to_lmz
   Opens key:
HKCU\software\classes\wow6432node\clsid\{66742402-f9b9-11d1-a202-
   Opens kev:
0000f81fedee]
                                                  ilesystemproperties
                                                      HKCR\wow6432node\clsid\{66742402-f9b9-11d1-a202
0000f81fedee}\overridefilesystemproperties
                                                     HKCU\software\classes\wow6432node\clsid\{66742402-f9b9-11d1-a202-
   Opens key:
0000f81fedee}
   Opens key:
                                                     HKCR\wow6432node\clsid\{66742402-f9b9-11d1-a202-0000f81fedee}
   Opens key:
                                                     HKCU\software\classes\explorerclsidflags\{66742402-f9b9-11d1-a202-
0000f81fedee}
                                                     HKCR\explorerclsidflags\{66742402-f9b9-11d1-a202-0000f81fedee}
   Opens key:
   Opens key:
HKLM\software\wow6432node\microsoft\windows\currentversion\propertysystem\propertyhandlers\.exe
   Opens key:
HKLM\softwa
                            \verb|\www6432| node\microsoft\windows\currentversion\property system\property handlers\.txt|
   Opens key:
                                                     \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKCU \software \classes \txtfile \shellex \property handler \end{tabular}
                                                     HKCR\txtfile\shellex\propertyhandler
   Opens key:
    Opens key:
                                                      HKCU\software\classes\.txt\shellex\propertyhandler
                                                     HKCR\.txt\shellex\propertyhandler
    Opens key:
   Opens key:
HKCU\software\classes\systemfileassociations\.txt\shellex\propertyhandler
   Opens key:
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HKCU\software\classes\systemfileassociations\text\shellex\propertyhandler
   Opens key:
                                                     HKCR\systemfileassociations\text\shellex\propertyhandler
    Opens key:
                                                      HKCU\software\classes\*
   Opens key:
                                                      HKCR\*
                                                     HKCU\software\classes\*\shellex\propertyhandler
   Opens key:
                                                      HKCR\*\shellex\propertyhandler
    Opens key:
   Opens key:
                                                      HKLM\software\microsoft\windowsruntime\clsid\{9e175b6d-f52a-11d8-b9a5-
505054503030}
                                                     HKCR\activatableclasses\clsid\{9e175b6d-f52a-11d8-b9a5-505054503030}
   Opens kev:
    Opens key:
                                                      HKCU\software\classes\wow6432node\clsid\{9e175b6d-f52a-11d8-b9a5
505054503030}
   Opens key:
                                                     HKCR\wow6432node\clsid\{9e175b6d-f52a-11d8-b9a5-505054503030}
   Opens key:
                                                     HKCU\software\classes\wow6432node\clsid\{9e175b6d-f52a-11d8-b9a5-
505054503030}\treatas
   Opens key:
                                                     \label{local-b9a5-505054503030} \\ \text{HKCR} \\ \text{wow} \\ 6432 \\ \text{node} \\ \text{clsid} \\ \text{\{9e175b6d-f52a-11d8-b9a5-505054503030\}} \\ \text{treatas} \\ \text{The proposed of the proposed of 
   Opens key
                                                     HKCU\software\classes\wow6432node\clsid\{9e175b6d-f52a-11d8-b9a5-
505054503030}\inprocserver32
    Opens key:
                                                     HKCR\
                                                                      w6432node\clsid\{9e175b6d-f52a-11d8-b9a5
505054503030}\inprocserver32
                                                     HKCU\software\classes\wow6432node\clsid\{9e175b6d-f52a-11d8-b9a5-
   Opens key:
505054503030}\inprochandler32
                                                     HKCR\w
                                                                       v6432node\clsid\{9e175b6d-f52a-11d8-b9a5
505054503030}\inprochandler32
                                                     HKCU\software\classes\wow6432node\clsid\{9e175b6d-f52a-11d8-b9a5-
   Opens key:
505054503030}\inprochandler
                                                     HKCR\wow6432node\clsid\{9e175b6d-f52a-11d8-b9a5-
   Opens key:
505054503030}\inprochandler
   Opens key:
HKCU\software\microsoft\internet
   Opens key:
```

```
explorer\main\featurecontrol\feature load shdoclc resources
                                                                                    HKLM\software\wow6432node\microsoft\internet
      Opens key:
explorer\main\featurecontrol\feature_load_shdoclc_resources
                                                                                    HKCU\software\microsoft\internet
      Opens key:
explorer\main\featurecontrol\feature_mime_sniffing
Opens key: HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_mime_sniffing
      Opens key:
                                                                                    HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature feeds
                                                                                    HKLM\software\wow6432node\microsoft\internet
      Opens key:
explorer\main\featurecontrol\feature_feeds
      Opens key:
                                                                                     {\tt HKCU \setminus software \setminus classes \setminus protocols \setminus filter \setminus text/html}
                                                                                     HKCR\protocols\filter\text/html
      Opens key:
      Opens key:
                                                                                     HKLM\system\currentcontrolset\services\dnscache\parameters
                                                                                     HKLM\software\wow6432node\policies\microsoft\windows nt\dnsclient
      Opens key:
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                                                                                     \label{lem:hklm} \verb+Kklm\+ software\+ policies\+ microsoft\+ windows \ nt\+ dnsclient
      Opens kev:
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                                                                                     HKLM\software\wow6432node\policies\microsoft\system\dnsclient
      Opens key:
                                                                                     HKLM\software\policies\microsoft\system\dnsclient
      Opens key:
     Opens key
                                                                                    HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\content
     Opens key:
                                                                                    HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\cookies
                                                                                    HKCU\software\microsoft\windows\currentversion\internet
     Opens key:
settings\5.0\cache\history
      Opens key:
55779daa70e93
     Opens key:
806e6f6e6963}
                                                                                    HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces
      Opens key:
      Opens key:
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters \setminus interfaces \setminus \{97e1de57-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d
806e6f6e69633
     Opens key:
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explorer\main\featurecontrol\feature_bypass_cache_for_credpolicy_kb936611
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explorer\main\featurecontrol\feature_ignore_mappings_for_credpolicy
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explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback
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        Opens key:
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       Opens key:
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        Opens key:
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        Opens kev:
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        Opens kev:
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         Opens kev
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        Opens key:
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        Opens key:
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                                                                                                                   HKLM\software\policies\microsoft\systemcertificates
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        Opens key:
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        Opens key:
         Opens key:
                                                                                                                   HKLM\software\policies\microsoft\systemcertificates\root\crls
```

Opens key:  $\label{lem:hklm} \verb+Kklm\+ software\+ policies\+ microsoft\+ system certificates\+ root\+ ctls$ HKLM\software\microsoft\enterprisecertificates\root\certificates Opens key: Opens key: HKLM\software\microsoft\enterprisecertificates\root\crls  ${\tt HKLM \setminus software \setminus microsoft \setminus enterprise certificates \setminus root \setminus ctls}$ Opens key: Opens key:  ${\tt HKLM \setminus software \setminus microsoft \setminus system certificates \setminus smartcard root \setminus certificates}$ HKLM\software\microsoft\systemcertificates\smartcardroot\crls Opens key: Opens key: HKLM\software\microsoft\systemcertificates\smartcardroot\ctls  $\label{thm:condition} \begin{tabular}{ll} HKCU \software \mbox{$^{\circ}$} is y stem certificates \some \scalebox{$^{\circ}$} smart \cardroot \certificates \some \scalebox{$^{\circ}$} is y stem \certificates \scalebox{$^{\circ}$} is y stem \scalebox{$^{\circ}$} is y stem \certificates \scalebox{$^{\circ}$} is y stem \sca$ Opens key:  $\label{thm:linear_harmonic} \begin{tabular}{ll} HKCU \software \mbox{\sc increase} & swartcard \mbox{\sc increase} \\ \end{tabular}$ Opens key: HKCU\software\microsoft\systemcertificates\smartcardroot\ctls Opens key: Opens key:  $\label{lem:hkcu} \verb+KKCU\+software\+microsoft\+systemcertificates\+trust\+certificates$ Opens key: HKCU\software\microsoft\systemcertificates\trust\crls

```
Opens key:
                                                                              HKCU\software\policies\microsoft\systemcertificates
      Opens key:
                                                                              HKCU\software\policies\microsoft\systemcertificates\trust
                                                                              HKCU\software\policies\microsoft\systemcertificates\trust\certificates
      Opens key:
     Opens key:
                                                                              \label{lem:hkcu} \verb+KKCU\+software\+policies\+microsoft\+systemcertificates\+trust\+crls
                                                                              HKCU\software\policies\microsoft\systemcertificates\trust\ctls
     Opens key:
                                                                              HKLM\software\microsoft\systemcertificates\trust\certificates
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     Opens key:
                                                                              HKLM\software\wow6432node\policies\microsoft\systemcertificates\trust
     Opens key:
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      Opens key:
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                                                                              HKLM \setminus software \setminus policies \setminus microsoft \setminus system certificates \setminus trust \setminus certificates
                                                                              HKLM\software\policies\microsoft\systemcertificates\trust\crls
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     Opens key:
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                                                                              {\tt HKLM \coftware \microsoft \enterprise} {\tt certificates \trust \crls}
                                                                              HKLM\software\microsoft\enterprisecertificates\trust\ctls
     Opens kev:
                                                                              HKCU\software\microsoft\systemcertificates\ca\certificates
      Opens kev
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     Opens key:
                                                                              \label{thm:linear} \begin{tabular}{ll} HKCU \software \microsoft \system certificates \ca\ctls \end{tabular}
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     Opens kev:
                                                                              HKCU\software\policies\microsoft\systemcertificates\ca\certificates
      Opens key:
     Opens key:
                                                                              \label{localization} \mbox{HKCU\software\policies\mbox{\sc microsoft\system} certificates\ca\crls}
                                                                              Opens key:
     Opens key:
      Opens key:
                                                                              HKLM\software\microsoft\systemcertificates\ca\crls
     Opens key:
                                                                              {\tt HKLM \backslash software \backslash microsoft \backslash system certificates \backslash ca \backslash ctls}
                                                                              HKLM\software\wow6432node\policies\microsoft\systemcertificates\ca
     Opens key:
     Opens key:
                                                                              HKLM\software\policies\microsoft\systemcertificates\ca
      Opens key:
                                                                              {\tt HKLM \setminus software \setminus policies \setminus microsoft \setminus system certificates \setminus ca \setminus certificates}
     Opens key:
                                                                              \label{lem:hklm} \verb+Kklm\+ software\+ policies\+ microsoft\+ system certificates\+ ca\+ crls
                                                                              HKLM\software\policies\microsoft\systemcertificates\ca\ctls
     Opens key:
                                                                              HKLM\software\microsoft\enterprisecertificates\ca\certificates
     Opens key:
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      Opens key:
                                                                              \label{thm:local} HKLM \noord \noor
     Opens key:
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                                                                              HKCU\software\microsoft\systemcertificates\disallowed\crls
      Opens key:
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                                                                              \label{thm:linear} \begin{tabular}{ll} HKCU \software \mbox{$^{\circ}$} system certificates \disallowed \ctls \end{tabular}
     Opens key:
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     Opens key:
\label{thm:hkcu} \begin{tabular}{ll} HKCU \soft ware \policies \microsoft \system certificates \disallowed \certificates \end{tabular} \\
     Opens key:
                                                                              \label{thm:cosoft} \verb+KCU \software \policies \microsoft \system certificates \disallowed \crls
                                                                              \label{thm:local-hkcu} HKCU \software \policies \microsoft \systemcertificates \disallowed \cctls \ HKLM \software \microsoft \systemcertificates \disallowed \ccrtificates \disallowed \disal
     Opens key:
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     Opens key:
HKLM\software\wow6432node\policies\microsoft\systemcertificates\disallowed
                                                                              Opens key:
     Opens key:
HKLM\software\policies\microsoft\systemcertificates\disallowed\certificates
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     Opens key:
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                                                                              \label{thm:local-bound} HKLM \software \microsoft \enterprise certificates \normalised \
     Opens key:
                                                                              {\tt HKLM} \\ {\tt software} \\ {\tt icrosoft} \\ {\tt enterprise} \\ {\tt certificates} \\ {\tt disallowed} \\ {\tt ctls} \\ {\tt icrosoft} \\ {\tt enterprise} \\ {\tt 
      Opens key:
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                                                                              \label{local-condition} HKCU \ software \ `microsoft \ system certificates \ `trusted people \ certificates \ 'trusted people \ 'certificates' \ 'trusted people \ 'trusted people
                                                                              {\tt HKCU\software\mbox{\tt \microsoft\system} certificates \verb{\tt \trustedpeople\crls}}
     Opens key:
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HKCU\software\policies\microsoft\systemcertificates\trustedpeople\certificates
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     Opens key:
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                                                                              \label{lem:hkcu} \verb+KKCU\+software\+policies\+microsoft\+systemcertificates\+trustedpeople\+ctls
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      Opens key
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HKLM \setminus software \setminus microsoft \setminus enterprise certificates \setminus trusted people \setminus certificates
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                                                                              \label{prop:linear} \begin{tabular}{ll} HKCU\software\mbox{$\stackrel{\cdot}{\text{microsoft}}$-systemcertificates\authroot\autoupdate} \end{tabular}
      Opens key:
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                                                                              {\tt HKLM \ } software \verb|\ wow 6432 node \verb|\ microsoft \verb|\ cryptography \verb|\ oid \verb|\ encoding type \\
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0\cryptdllfindoidinfo\1.3.6.1.4.1.311.47.1.1!7
    Opens key:
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                                                                              HKLM\system\currentcontrolset\control\mui\stringcachesettings
                                                                              HKCU\software\classes\local settings\muicache\13\52c64b7e
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                                                                              HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype
0\cryptdllfindoidinfo\1.3.6.1.4.1.311.64.1.1!7
                                                                              {\tt HKLM} \  \  \, \text{System} \  \  \, \text{Current control} \  \  \, \text{Control} \  \  \, \text{Cryptography} \  \  \, \text{Providers}
     Opens key:
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0\cryptdllimportpublickeyinfoex
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     Opens key:
 1\cryptdllimportpublickeyinfoex
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0\cryptdllconvertpublickeyinfo
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    Opens key:
1\cryptdliconvertpublickeyinfo
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0\certdllverifycertificatechainpolicy
                                                                              HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype
     Opens key:
 1\certdllverifycertificatechainpolicy
                                                                              HKCU \setminus software \setminus classes \setminus typelib \setminus \{7e8bc440 - aeff-11d1 - 89c2 - 00c04fb6bfc4\}
     Opens key:
```

HKCU\software\microsoft\systemcertificates\trust\ctls

Opens key:

```
HKCR\typelib\{7e8bc440-aeff-11d1-89c2-00c04fb6bfc4}
   Opens key:
                                           HKCU\software\classes\typelib\{7e8bc440-aeff-11d1-89c2-00c04fb6bfc4}\1.0
   Opens key:
   Opens key:
                                           HKCR\typelib\{7e8bc440-aeff-11d1-89c2-00c04fb6bfc4}\1.0
                                           HKCU\software\classes\typelib\{7e8bc440-aeff-11d1-89c2-
   Opens key
00c04fb6bfc4}\1.0\0
                                          HKCR\typelib\{7e8bc440-aeff-11d1-89c2-00c04fb6bfc4}\1.0\0
   Opens key:
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00c04fb6bfc4}\1.0\0\win32
                                           HKCR\typelib\{7e8bc440-aeff-11d1-89c2-00c04fb6bfc4}\1.0\0\win32
   Opens key:
                                           HKCU\software\classes\typelib\{3050f1c5-98b5-11cf-bb82-00aa00bdce0b}
   Opens key:
                                           HKCR\typelib\{3050f1c5-98b5-11cf-bb82-00aa00bdce0b}
   Opens key:
   Opens key:
                                           HKCR\typelib\{3050f1c5-98b5-11cf-bb82-00aa00bdce0b}\4.0
   Opens key:
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00aa00bdce0b}\4.0\0
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00aa00bdce0b}\4.0\0\win32
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   Opens key:
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                                          HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature maxconnectionsperserver
                                           HKLM\software\wow6432node\microsoft\internet
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explorer\main\featurecontrol\feature maxconnectionsper1 Oserver
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explorer\main\featurecom
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explorer\main\featurecontrol\feature mime use builtin accept headers
   Opens key:
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\verb|explorer| \verb|main| featurecontrol| feature_mime_use\_builtin\_accept\_headers| \\
   Opens key:
                                           HKCU\software\microsoft\windows\currentversion\urlmon settings
   Opens key:
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explorer\main\featurecontrol\feature_block_lmz_img
   Opens key:
                                          HKLM\software\wow6432node\microsoft\internet
\label{local-problem} explorer \verb|\main| feature control | feature block_lmz_img \\ Opens key: HKLM | Software | wow6432 node | macromedia | flashplayer plugin | feature block_lmz_img | flashplayer 
                                           HKLM\software\wow6432node\policies\microsoft\internet explorer\recovery
   Opens key:
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                                           HKCU\software\policies\microsoft\internet explorer\recovery
   Opens key:
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                                           HKCU\software\microsoft\internet explorer\recovery
                                           HKCU\software\classes\protocols\name-space handler\file\
   Opens key:
   Opens key:
                                           HKCR\protocols\name-space handler\file
                                           HKCU\software\microsoft\internet
   Opens kev:
explorer\main\featurecontrol\feature_fileprotocol_nofindfirst_kb947853
                                          HKLM\software\wow6432node\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature_fileprotocol_nofindfirst_kb947853
Opens key: HKCU\software\classes\.png
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   Opens key:
                                           HKLM\software\microsoft\windowsruntime\clsid\{317d06e8-5f24-433d-bdf7-
79ce68d8abc23
                                           HKCR\activatableclasses\clsid\{317d06e8-5f24-433d-bdf7-79ce68d8abc2}
   Opens key:
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79ce68d8abc23
                                          HKCR\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-79ce68d8abc2}
   Opens key:
   Opens key:
                                           HKCU\software\classes\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-
79ce68d8abc2}\treatas
   Opens key:
                                           HKCR\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-79ce68d8abc2\\treatas
                                          HKCU\software\classes\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-
  Opens key:
79ce68d8abc2}\inprocserver32
                                          HKCR\v
                                                      ow6432node\clsid\{317d06e8-5f24-433d-bdf7-
   Opens key:
79ce68d8abc2}\inprocserver32
  Opens key:
                                          HKCU\software\classes\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-
79ce68d8abc2}\inprochandler32
  Opens key:
                                          HKCR\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-
79ce68d8abc2}\inprochandler32
                                          Opens key:
79ce68d8abc2}\inprochandler
  Opens key:
                                          HKCR\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-
79ce68d8abc2}\inprochandler
   Opens key:
                                          HKCU\software\classes\wow6432node\clsid\{fae3d380-fea4-4623-8c75-
c6b61110b681}\instance
   Opens key:
                                           HKCR\wow6432node\clsid\{fae3d380-fea4-4623-8c75-c6b61110b681}\instance
                                          HKCU\software\classes\wow6432node\clsid\{fae3d380-fea4-4623-8c75-
   Opens kev:
c6b61110b681}\instance\disabled
                                                         w6432node\clsid\{fae3d380-fea4-4623-8c75-
   Opens key:
                                          HKCR\wov
c6b61110b681}\instance\disabled
  Opens key:
                                           HKCU\software\classes\wow6432node\clsid\{7835eae8-bf14-49d1-93ce-
533a407b2248}\instance
   Opens key:
                                           HKCR\wow6432node\clsid\{7835eae8-bf14-49d1-93ce-533a407b2248}\instance
                                          HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype
   Opens key
0\cryptdllverifyencodedsignature
   Opens key:
                                           HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype
{\tt 1} {\tt cryptdll} verify encoded signature
                                          HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype
  Opens key
0\cryptdlimportpublickeyinfoex2
                                           1\cryptdlimportpublickeyinfoex2
                                          HKCU\software\microsoft\windows\currentversion\internet
  Opens key:
settings\p3p\history\adobe.com
  Opens key:
                                          HKLM\software\wow6432node\microsoft\cryptography\defaults\provider
types\type 001
                                           HKCU\software\classes\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}
   Opens key:
   Opens key:
                                           HKCR \typelib \end{cab} \end{cab} Althornoons and the constant of the consta
   Opens key
                                           \label{lem:hkcu} \begin{tabular}{ll} HKCU \software \classes \typelib \eab 22 ac 0 - 30 c 1 - 11 c f - a 7 e b - 000 0 c 05 ba e 0 b} \end{tabular} \label{lem:hkcu} 1.1 \end{tabular}
```

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Opens key:
                                                     HKCR\tynelih\{eah22ac0-30c1-11cf-a7eh-0000c05hae0h}\1.1
   Opens key:
                                                    HKCU\software\classes\typelib\{eab22ac0-30c1-11cf-a7eb-
0000c05bae0b}\1.1\0
                                                     HKCR \typelib \eab22ac0-30c1-11cf-a7eb-0000c05bae0b \label{eq:hkcr} $$1.1\0$
   Opens key:
   Opens key:
                                                    HKCU\software\classes\typelib\{eab22ac0-30c1-11cf-a7eb-
0000c05bae0b}\1.1\0\win32
   Opens key:
                                                     HKCR\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\1.1\0\win32
    Oueries value:
                                                     HKLM\system\currentcontrolset\control\terminal server[tsappcompat]
                                                    HKLM\svstem\currentcontrolset\control\terminal server[tsuserenabled]
   Oueries value:
   Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[transparentenabled]
   Queries value:
                                                    HKLM\system\currentcontrolset\control\nls\customlocale[empty]
   Oueries value:
HKLM\system\currentcontrolset\control\nls\language[installlanguagefallback]
                                                    HKLM\system\currentcontrolset\control\mui\uilanguages\en-us[type]
   Queries value:
   Queries value:
                                                    HKLM\system\currentcontrolset\control\mui\uilanguages\en-
us[alternatecodepage]
   Oueries value:
                                                     HKCU\control panel\desktop[preferreduilanguages]
                                                     HKCU\control panel\desktop\muicached[machinepreferreduilanguages]
    Queries value:
   Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\sidefyreferexternalmanifestl
                                                     HKLM\system\currentcontrolset\control\nls\sorting\versions[]
    Queries value:
   Queries value:
                                                    HKCU\software\microsoft\windows
nt\currentversion\appcompatflags[showdebuginfo]
   Queries value:
                                                     HKLM\system\currentcontrolset\control\session manager[safedllsearchmode]
    Queries value:
                                                     HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllnxoptions[usefilter]
                                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
   Oueries value:
options\dllnxoptions[755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe]
   Queries value:
                                                     HKLM\software\microsoft\windows
nt\currentversion\gre_initialize[disablemetafiles]
                                                     HKLM\software\wow6432node\microsoft\windows
   Queries value:
nt\currentversion\compatibility32[755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63]
                                                     HKLM\software\wow6432node\microsoft\windows
   Queries value:
nt\currentversion\windows[loadappinit_dlls]
                                                    HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy[enabled]
   Queries value:
                                                     HKLM\system\currentcontrolset\control\lsa[fipsalgorithmpolicy]
    Queries value:
   Queries value:
                                                     HKLM\software\microsoft\ole[pageallocatorusesystemheap]
                                                    {\tt HKLM \setminus software \setminus microsoft \setminus ole[pageallocator system heap is private]}
   Oueries value:
    Queries value:
                                                     HKLM\software\microsoft\ole[aggressivemtatesting]
                                                     HKLM\software\microsoft\sqmclient\windows[ceipenable]
    Queries value:
   Queries value:
                                                     HKLM\system\currentcontrolset\control\nls\customlocale[en-us]
   Oueries value:
                                                     HKLM\svstem\currentcontrolset\control\nls\extendedlocale[en-us]
                                                     HKLM\system\currentcontrolset\control\nls\sorting\versions[000602xx]
    Queries value:
    Queries value:
                                                     HKLM\system\currentcontrolset\control\nls\sorting\ids[en-us]
   Queries value:
                                                     HKLM\system\currentcontrolset\control\nls\sorting\ids[en]
   Oueries value:
                                                     HKCU\control panel\desktop[caretwidth]
    Oueries value:
                                                     HKCU\control panel\desktop[cursorblinkrate]
                                                     HKLM\software\microsoft\windows
    Queries value:
\verb|nt\currentversion\language| pack\surrogatefallback[plane2]|
                                                    HKLM\software\microsoft\com3[com+enabled]
   Oueries value:
    Oueries value
\label{thm:language} \begin{tabular}{ll} HKLM \end{tabular} software \verb|\microsoft| windows runtime \verb|\activatableclassid| windows . globalization. language [clsid] \end{tabular}
   Oueries value:
                                                    HKLM\software\microsoft\windowsruntime\clsid\{9b53df54-540d-4f3e-a78c-
ae1896804b3e}[activatableclassid]
HKLM \label{lem:hklm} In the lattice of the latti
   Oueries value:
HK\.LM\ software\ microsoft\ windows runtime\ activatable classid\ windows. globalization. language [threading] and the software\ microsoft\ windows runtime\ activatable classid\ windows. globalization. language [threading] and the software\ microsoft\ windows runtime\ activatable classid\ windows. globalization. language [threading] and the software\ windows runtime\ activatable classid\ windows. globalization. language [threading] and the software\ windows. globalization. global
HKLM\software\microsoft\windowsruntime\activatableclassid\windows.globalization.language[trustlevel]
   Queries value:
\label{thm:hklm:main} HK \dot{\underline{\underline{\underline{\underline{l}}}}} Ns of tware \verb|\microsoft| windows runtime| activatable classid| windows .globalization.language[dllpath] and the language of the l
   Queries value:
HKLM\software\microsoft\windowsruntime\activatableclassid\windows.globalization.language[server]
   Queries value:
                                                    HKLM\software\microsoft\ole[maxsxshashcount]
    Queries value:
                                                    HKLM\software\microsoft\windows
nt\currentversion\languagepack\datastore_v1.0[disable]
   Oueries value:
                                                    HKLM\software\microsoft\windows
nt\currentversion\languagepack\datastore_v1.0[datafilepath]
   Queries value:
                                                     HKLM\system\currentcontrolset\control\nls\language groups[1]
   Queries value:
                                                    HKCU\control panel\desktop[smoothscroll]
   Oueries value:
    Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[enableballoontips]
   Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[listviewalphaselect]
   Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[listviewshadow]
   Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[acclistviewv6]
   Oueries value:
\label{thm:condition} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \explorer \advanced \cite{timer} \end{tabular} \label{thm:condition}
   Queries value:
                                                    HKLM\software\microsoft\windows nt\currentversion\fontsubstitutes[segoe
ui]
   Queries value:
                                                     HKLM\software\microsoft\windows
\verb| nt\currentversion\languagepack\surrogatefallback[plane1]| \\
                                                    HKLM\software\microsoft\windows
   Oueries value:
nt\currentversion\languagepack\surrogatefallback[plane3]
   Queries value:
                                                     HKLM\software\microsoft\windows
\verb|nt\current| version \verb|\language| pack \verb|\surrogatefallback[plane4]|
                                                    HKLM\software\microsoft\windows
   Oueries value:
nt\currentversion\languagepack\surrogatefallback[plane5]
                                                    HKLM\software\microsoft\windows
   Queries value:
\verb|nt\current| version \verb|\language| pack \verb|\surrogatefallback[plane6]|
                                                    HKLM\software\microsoft\windows
   Queries value:
nt\currentversion\languagepack\surrogatefallback[plane7]
                                                    HKLM\software\microsoft\windows
   Queries value:
\verb|nt\current| version \verb|\language| pack \verb|\surrogatefallback[plane8]|
                                                    HKLM\software\microsoft\windows
   Queries value:
```

nt\currentversion\languagepack\surrogatefallback[plane9]

HKLM\software\microsoft\windows

```
HKLM\software\microsoft\windows
       Queries value:
\verb| nt\current version \ | language pack \ | surrogate fallback [plane 12]|
                                                                                                             HKLM\software\microsoft\windows
      Queries value:
\verb|nt\currentversion\languagepack\surrogatefallback[plane13]|
      Queries value:
                                                                                                             HKLM\software\microsoft\windows
nt\current version\language pack\surrogatefall back[plane 14]
                                                                                                             HKLM\software\microsoft\windows
      Queries value:
nt\currentversion\languagepack\surrogatefallback[plane15]
      Queries value:
                                                                                                             HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane16]
Queries value: HKLM\software\microsoft\windows
nt\currentversion\fontsubstitutes[tahoma]
      Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-
c1bf-494e-b29c-65b732d3d21a}[category]
       Queries value:
c1bf-494e-b29c-65b732d3d21a}[name]
       Queries value:
c1bf-494e-b29c-65b732d3d21a}[parentfolder]
      Queries value:
HKLM\software\wo
                                                                        w6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-
\verb|c1bf-494e-b29c-65b732d3d21a|| [description]|
      Oueries value:
HKLM \label{lem:hkkkk} In the large that the larg
c1bf-494e-b29c-65b732d3d21a}[relativepath]
       Oueries value:
c1bf-494e-b29c-65b732d3d21a}[parsingname]
       Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-
c1bf-494e-b29c-65b732d3d21a}[infotip]
       Queries value:
c1bf-494e-b29c-65b732d3d21a}[localizedname]
       Oueries value:
c1bf-494e-b29c-65b732d3d21a}[icon]
       Oueries value:
HKLM \label{lem:hklm} Which is the latest and the
c1bf-494e-b29c-65b732d3d21a}[security]
       Queries value:
c1bf-494e-b29c-65b732d3d21a}[streamresource]
c1bf-494e-b29c-65b732d3d21a}[streamresourcetype]
       Oueries value:
c1bf-494e-b29c-65b732d3d21a}[localredirectonly]
      Queries value:
HKLM \label{lem:hklm} Which is a few and the sum of the latest and the latest a
c1bf-494e-b29c-65b732d3d21a}[roamable]
      Queries value:
c1bf-494e-b29c-65b732d3d21a}[precreate]
       Oueries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-
c1bf-494e-b29c-65b732d3d21a}[stream]
        Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{905e63b6-
c1bf-494e-b29c-65b732d3d21a}[publishexpandedpath]
       Queries value:
c1bf-494e-b29c-65b732d3d21a}[attributes]
       Queries value:
c1bf-494e-b29c-65b732d3d21a}[foldertypeid]
      Oueries value:
HKLM \label{lem:hklm} Which is the latest and the
c1bf-494e-b29c-65b732d3d21a}[initfolderhandler]
       Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion[programfilesdir]
       Oueries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[category]
      Oueries value:
HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \folder \folde
a0fb-4bfc-874a-c0f2e0b9fa8e}[name]
       Oueries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[parentfolder]
       Queries value:
HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{7c5a40ef-microsoft\} \\ if the first interpretable is the first of the first interpretable in the first interpretable interpretable in the first interpretable interpretable in the first interpretable in the first interpretable interpretable in the first interpretable interpretable interpretable in the first inte
a0fb-4bfc-874a-c0f2e0b9fa8e}[description]
HKLM \label{lem:hklm} Which is a few and the latest and the late
a0fb-4bfc-874a-c0f2e0b9fa8e}[relativepath]
      Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[parsingname]
      Queries value:
\label{thm:hklm} \textbf{Hklm} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{7c5a40ef-microsoft| explorer| explorer|
a0fb-4bfc-874a-c0f2e0b9fa8e}[infotip]
       Oueries value:
HK\`L M\ software \ wow 6432 node \ microsoft\ windows \ current version \ version \ explorer\ folder descriptions \ (7c5a40ef-microsoft)\ descriptions \ (7c5
a0fb-4bfc-874a-c0f2e0b9fa8e}[localizedname]
       Queries value:
```

 $\verb|nt\current| version \verb|\language| pack \verb|\surrogatefallback[plane10]|$ 

nt\currentversion\languagepack\surrogatefallback[plane11]

Queries value:

HKLM\software\microsoft\windows

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a0fb-4bfc-874a-c0f2e0b9fa8e}[icon]
      Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[security]
      Queries value:
HKLM \label{lem:hklm} White the latest and the la
a0fb-4bfc-874a-c0f2e0b9fa8e}[streamresource]
      Oueries value:
HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \folder \fol
a0fb-4bfc-874a-c0f2e0b9fa8e}[streamresourcetype]
      Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{7c5a40ef-
a0fb-4bfc-874a-c0f2e0b9fa8e}[localredirectonly]
      Queries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[roamable]
      Oueries value:
HKLM \label{lem:hklm} In the latest and the lates
a0fb-4bfc-874a-c0f2e0b9fa8e}[precreate]
      Oueries value:
a0fb-4bfc-874a-c0f2e0b9fa8e}[stream]
      Oueries value:
HK \dot{L} M \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7c5a40ef-microsoft \setminus windows \setminus current version \setminus explorer \setminus explorer
a0fb-4bfc-874a-c0f2e0b9fa8e}[publishexpandedpath]
      Oueries value:
HKLM \label{lem:hkk} Which was current version \explorer \folder descriptions \folder \folde
a0fb-4bfc-874a-c0f2e0b9fa8e}[attributes]
a0fb-4bfc-874a-c0f2e0b9fa8e}[foldertypeid]
      Queries value:
HKLM \label{lem:hklm} Which is a simple with the second content of the second content 
a0fb-4bfc-874a-c0f2e0b9fa8e}[initfolderhandler]
      Queries value:
HKLM \verb|\software\microsoft| windows \verb|\currentversion| policies \verb|\explorer[noproperties mycomputer]|
      Queries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nopropertiesrecyclebin]
      Queries value:
HKLM \verb|\software\microsoft\windows\currentversion\policies\explorer[nocontrol panel]|
      Queries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nosetfolders]
      Oueries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nointerneticon]
      Queries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[nocommongroups]
      Oueries value:
                                                                                               HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8
08002b30309d}\shellfolder[attributes]
      Oueries value:
                                                                                               HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[callforattributes]
                                                                                               HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[restrictedattributes]
                                                                                               HKCR\wow6432node\clsid\{20d04fe0-3aea-1069-a2d8-
      Oueries value:
08002b30309d}\shellfolder[foldervalueflags]
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\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \verb|\microsoft| windows \verb|\currentversion| policies \verb|\explorer[enableshellexecutehooks]| \end{tabular}
HKLM\software\microsoft\windows\currentversion\policies\explorer[allowfileclsidiunctions]
                                                                                               \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM\software\mbox{\sc windows\currentversion\explorer\kindmap[.exe]} \end{tabular}
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       Queries value:
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                                                                                               HKCR\wow6432node\clsid\{a07034fd-6caa-4954-ac3f-
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HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus policies \setminus explorer [dontshow superhidden]
                                                                                               HKCU\software\microsoft\windows\currentversion\explorer[shellstate]
      Queries value:
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Oueries value HKLM\software\microsoft\windows\currentversion\policies\explorer[nowebview] Queries value: HKLM\software\microsoft\windows\currentversion\policies\explorer[classicshell] Oueries value: HKLM\software\microsoft\windows\currentversion\policies\explorer[separateprocess] Queries value:  $HKLM \verb|\software\microsoft\windows\currentversion\policies\explorer[nonetcrawling]|$ HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidden] Oueries value: Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[showcompcolor] Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidefileext] Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[dontprettypath] Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[showinfotip] Oueries value:  $\label{thm:linear} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \explorer \advanced \[hideicons] \end{tabular}$ Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[mapnetdrybtn] Queries value:  $\label{thm:cursoft} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \explorer \advanced \cite{thm:current} with the constraint \cite{thm:current} with the constraint \cite{thm:current} with the constraint \cite{thm:current} with \cite{thm:curre$ Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[filter] Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[showsuperhidden] Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[separateprocess] Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[nonetcrawling] Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[autocheckselect] Queries value: HKCU\software\microsoft\windows\currentversion\explorer\advanced[iconsonly] Oueries value HKCU\software\microsoft\windows\currentversion\explorer\advanced[showtypeoverlay]

Queries value:

 $HKCU \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus advanced [shows tatus bar]$ 

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HKCR\systemfileassociations\.exe[docobject] Queries value:

Queries value: HKCR\exefile[browseinplace]

Oueries value: HKCR\svstemfileassociations\.exe[browseinplace]

Queries value: HKCR\exefile[isshortcut]

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Queries value: HKCR\exefile[alwaysshowext]

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Oueries value: HKCR\exefile[nevershowext]

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Queries value:

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Queries value:

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db2c-424c-b029-7fe99a87c641}[parentfolder]

Queries value:

 $HKLM \label{limits} \label{limits} HKLM \label{limits} HKLM \label{limits} Which is a substitution \label{limits} Which is a substitution \label{limits} Which \label{limits} HKLM \label{limits} \label{limits} HKLM \label{limits} \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} \label{limits} HKLM \label{limits} \label{limits} HKLM \label{limits} \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{$ db2c-424c-b029-7fe99a87c641}[description]

Oueries value:

 $\label{thm:hklm} Hk \L^{M} software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \endaligned \cite{thm:hklm}. The think \cite{thm:hklm} is the think \cite{thm:hklm} for the think \cite{thm:hklm} is the think$ db2c-424c-b029-7fe99a87c641}[relativepath] Oueries value:

db2c-424c-b029-7fe99a87c641}[parsingname] Queries value:

db2c-424c-b029-7fe99a87c641}[infotip]

db2c-424c-b029-7fe99a87c641}[localizedname] Queries value:

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Oueries value:

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Queries value:

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Oueries value:

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db2c-424c-b029-7fe99a87c641}[attributes1 Queries value:  $\label{thm:hklm} Hk \L^{M} software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \endaligned \cite{thm:hklm}. The think \cite{thm:hklm} is the think \cite{thm:hklm} for the think \cite{thm:hklm} is the think$ db2c-424c-b029-7fe99a87c641}[foldertypeid] Oueries value: db2c-424c-b029-7fe99a87c641}[initfolderhandler] Queries value:  $\label{lem:hkcu} \verb+KKCU\+ software\+ icrosoft\+ windows\+ current version\+ explorer\+ user shell$ folders[desktop] Queries value: b587-4786-b4ef-bd1dc332aeae}[category] Oueries value:  $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1b3ea5dc-baseline \ and \ baseline \ and \ and$ b587-4786-b4ef-bd1dc332aeae}[name] Queries value:

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Oueries value:

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Queries value:

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b587-4786-b4ef-bd1dc332aeae}[roamable]

Oueries value:

b587-4786-b4ef-bd1dc332aeae}[precreate]

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b587-4786-b4ef-bd1dc332aeae}[publishexpandedpath]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dcb587-4786-b4ef-bd1dc332aeae}[attributes]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{1b3ea5dcb587-4786-b4ef-bd1dc332aeae}[foldertypeid]

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Oueries value:

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Queries value:

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Queries value:

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Oueries value:

 $HK\`L M\ software \ wow 6432 node \ microsoft\ windows \ current version \ version \$ 65f9-4cf6-a03a-e3ef65729f3d}[security]

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65f9-4cf6-a03a-e3ef65729f3d}[streamresourcetype]
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HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \cite{thm:hkkkk} above the label of the 
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65f9-4cf6-a03a-e3ef65729f3d}[precreate]
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           Oueries value:
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65f9-4cf6-a03a-e3ef65729f3d}[initfolderhandler]
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                                                                                                                                                                                    HKCU\software\microsoft\windows\currentversion\explorer\user shell
 folders[appdata]
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 \label{thm:local-continuous} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \folde
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HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Which \label{limits} HKLM \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Which \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Which \label{limits} Which \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Which \label{limits} Which \label{limits} Which \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Which \label{limits} Software \label{limits} Which \label{limits} Software \label{limits} Which \la
0e22-4760-9afe-ea3317b67173}[name]
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0e22-4760-9afe-ea3317b67173}[description]
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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-
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           Queries value:
0e22-4760-9afe-ea3317b67173}[localizedname]
HKL M \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \
             Queries value:
 HKLM \label{lem:hklm} White the latest and the la
0e22-4760-9afe-ea3317b67173}[security]
           Oueries value:
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0e22-4760-9afe-ea3317b67173}[streamresource]

Oueries value:

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

Queries value:

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

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

Queries value:

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

Oueries value:

 $HKLM \label{lem:hkk} In the latest and the latest$ 0e22-4760-9afe-ea3317b67173}[stream]

Queries value:

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

Queries value:

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

Queries value:

 $\label{thm:hklm} HKLM \label{thm:hklm} KLM \label{thm:hklm} Which is the software \label{thm:h$ 0e22-4760-9afe-ea3317b67173}[foldertypeid]

Queries value:

Queries value:

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

HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-21-Oueries value: 1923240461-1905901954-2556564120-1001[profileimagepath] HKCR\directory[docobject] Queries value:

Oueries value:

HKCR\folder[docobject]
HKCR\allfilesystemobjects[docobject] Queries value: Queries value: HKCR\directory[browseinplace]

Oueries value: HKCR\allfilesystemobjects[browseinplace]

HKCR\folder[browseinplace]

HKCR\directory[isshortcut] Queries value: Queries value: HKCR\folder[isshortcut]

HKCR\allfilesystemobjects[isshortcut] Queries value:

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Oueries value:
                                                                                                  HKCR\directorv[alwaysshowext]
                                                                                                  HKCR\directory[nevershowext]
       Queries value:
       Queries value:
                                                                                                  HKCR\folder[nevershowext]
                                                                                                  {\tt HKCR\ leftle systemobjects[nevershowext]}
       Queries value:
       Oueries value:
                                                                                                 HKCR\wow6432node\clsid\{1649d1cf-deaf-4a68-abe8-
5c9f68572fd1}\inprocserver32[]
       Queries value:
                                                                                                  HKCR\exefile\shell\open\command[delegateexecute]
                                                                                                 HKCR\wow6432node\clsid\{76765b11-3f95-4af2-ac9d-ea55d8994f1a}[]
HKCR\wow6432node\clsid\{76765b11-3f95-4af2-ac9d-
       Queries value:
       Oueries value:
ea55d8994f1a}\inprocserver32[inprocserver32]
                                                                                                 HKCR\wow6432node\clsid\{76765b11-3f95-4af2-ac9d-
       Queries value:
ea55d8994f1a}\inprocserver32[]
                                                                                                 HKCR\wow6432node\clsid\{76765b11-3f95-4af2-ac9d-
      Oueries value:
ea55d8994f1a}\inprocserver32[threadingmodel]
                                                                                                  HKCR\wow6432node\clsid\{7b8a2d94-0ac9-11d1-896c-00c04fb6bfc4}[]
       Queries value:
                                                                                                 HKCR\wow6432node\clsid\{7b8a2d94-0ac9-11d1-896c-
       Queries value:
00c04fb6bfc4}\inprocserver32[inprocserver32]
       Oueries value:
                                                                                                 HKCR\wow6432node\clsid\{7b8a2d94-0ac9-11d1-896c-
00c04fb6bfc4}\inprocserver32[]
      Oueries value:
                                                                                                 HKCR\wow6432node\clsid\{7b8a2d94-0ac9-11d1-896c-
00c04fb6bfc4}\inprocserver32[threadingmodel]
                                                                                                  HKLM\software\policies\microsoft\windows\currentversion\internet
       Queries value:
settings[security_hklm_only]
                                                                                                 HKLM\software\policies\microsoft\windows\currentversion\internet
      Oueries value:
settings[createuricachesize]
       Queries value:
                                                                                                 HKCU\software\policies\microsoft\windows\currentversion\internet
settings[createuricachesize]
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      Oueries value:
settings[createuricachesize]
       Queries value:
                                                                                                 HKLM \verb|\software\\| wow 6432 node \verb|\microsoft\\| windows \verb|\currentversion\\| internet model in the context of 
settings[createuricachesize]
                                                                                                 HKLM\software\policies\microsoft\windows\currentversion\internet
      Queries value:
settings[enablepunycode]
                                                                                                 \label{local-observation} \mbox{\tt HKCU\software\policies\mbox{\tt microsoft\windows\currentversion\internet}} \\
       Queries value:
settings[enablepunycode]
                                                                                                 HKCU\software\microsoft\windows\currentversion\internet
      Queries value:
settings[enablepunycode]
      Queries value:
                                                                                                 HKLM\software\policies\microsoft\internet
explorer\security[disablesecuritysettingscheck]
                                                                                                 HKLM\software\microsoft\rpc[maxrpcsize]
       Queries value:
       Queries value:
{\tt HKLM \computername \active computername \computername \computername \cite \computername \cite \ci
       Oueries value:
                                                                                                 HKLM\system\setup[oobeinprogress]
HKLM\system\setup[systemsetupinprogress]
       Queries value:
       Queries value:
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       Queries value:
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settings\zones\0[flags]
       Oueries value:
                                                                                                  HKCU\software\microsoft\windows\currentversion\internet
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]
      Queries value:
                                                                                                 HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[flags]
                                                                                                 HKCU\software\microsoft\internet
explorer\\ \texttt{main}\\ \texttt{feature}\\ \texttt{oralmachine}\\ \texttt{localmachine}\\ \texttt{lockdown}\\ \texttt{[755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe]}
                                                                                                 HKCU\software\microsoft\internet
      Queries value:
explorer\main\featurecontrol\feature_localmachine_lockdown[*]
                                                                                                  HKLM\software\wow6432node\microsoft\internet
explorer \verb|\main| feature metric feature metric feature fe
      Oueries value:
                                                                                                 HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_localmachine_lockdown[*]
       Queries value:
                                                                                                 HKLM\software\policies\microsoft\windows\currentversion\internet
settings[specialfolderscachesize]
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      Queries value:
settings[specialfolderscachesize]
       Queries value
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settings[specialfolderscachesize]
      Queries value:
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settings[specialfolderscachesize]
      Oueries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-
33be-4251-ba85-6007caedcf9d}[category]
33be-4251-ba85-6007caedcf9d}[name]
       Oueries value:
HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} H
33be-4251-ba85-6007caedcf9d}[parentfolder]
       Oueries value:
HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{352481e8-microsoft\} \setminus 
33be-4251-ba85-6007caedcf9d}[description]
      Oueries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-
33be-4251-ba85-6007caedcf9d}[relativepath]
       Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-
33be-4251-ba85-6007caedcf9d}[parsingname]
33be-4251-ba85-6007caedcf9d}[infotip]
      Queries value:
33be-4251-ba85-6007caedcf9d}[localizedname]
      Queries value:
\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{352481e8-1648, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 1448, 14
33be-4251-ba85-6007caedcf9d}[icon]
       Oueries value:
HK\`L M\ software \ wow 6432 node \ microsoft \ windows \ current version \ version \
33be-4251-ba85-6007caedcf9d}[security]
       Queries value:
```

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33be-4251-ba85-6007caedcf9d}[streamresource]
      Queries value:
HKLM\software\w
                                                                     v6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-
33be-4251-ba85-6007caedcf9d}[streamresourcetype]
      Queries value:
HKLM \label{lem:hklm} White the latest and the la
33be-4251-ba85-6007caedcf9d}[localredirectonly]
       Oueries value:
HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HK
33be-4251-ba85-6007caedcf9d[roamable]
       Queries value:
33be-4251-ba85-6007caedcf9d}[precreate]
33be-4251-ba85-6007caedcf9d}[stream1
       Oueries value:
HKLM \label{lem:hklm} In the latest and the lates
33be-4251-ba85-6007caedcf9d}[publishexpandedpath]
      Oueries value:
33be-4251-ba85-6007caedcf9d}[attributes]
      Oueries value:
HK \dot{L} M \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{352481e8-164814, \ and \ baseliness \ and \ a
33be-4251-ba85-6007caedcf9d}[foldertypeid]
       Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \label{thm:local_hammon} \begin{tabul
33be-4251-ba85-6007caedcf9d}[initfolderhandler]
       Queries value:
                                                                                                     HKCU\software\microsoft\windows\currentversion\explorer\user shell
folders[cache]
      Queries value:
\label{thm:local-continuous} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \cdot \{2b0f765d-1646432 node \microsoft \micros
c0e9-4171-908e-08a611b84ff6}[category]
       Oueries value:
c0e9-4171-908e-08a611b84ff6}[name]
       Queries value:
c0e9-4171-908e-08a611b84ff6}[parentfolder]
       Queries value:
c0e9-4171-908e-08a611b84ff6}[description]
       Queries value:
c0e9-4171-908e-08a611b84ff6}[relativepath]
      Oueries value:
c0e9-4171-908e-08a611b84ff6}[parsingname]
       Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-
c0e9-4171-908e-08a611b84ff6}[infotip]
       Queries value:
c0e9-4171-908e-08a611b84ff6}[localizedname]
HKL\label{lem:hklm} HKL\label{lem:hklm} HKL\label{lem:hklm} White the statement of the st
       Queries value:
HKLM \label{lem:hklm} Which is a simple with the second constant of the second constant o
c0e9-4171-908e-08a611b84ff6}[security]
       Oueries value:
c0e9-4171-908e-08a611b84ff6}[streamresource]
       Oueries value:
c0e9-4171-908e-08a611b84ff6}[streamresourcetype]
       Queries value:
c0e9-4171-908e-08a611b84ff6}[localredirectonly]
c0e9-4171-908e-08a611b84ff6}[roamable]
       Queries value:
c0e9-4171-908e-08a611b84ff6}[precreate]
      Oueries value:
c0e9-4171-908e-08a611b84ff6}[stream]
      Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-
c0e9-4171-908e-08a611b84ff6}[publishexpandedpath]
       Queries value:
c0e9-4171-908e-08a611b84ff6}[attributes]
       Queries value:
c0e9-4171-908e-08a611b84ff6}[foldertypeid]
       Queries value:
HKLM \label{lem:hklm} Which is a simple with the second constant of the second constant o
c0e9-4171-908e-08a611b84ff6}[initfolderhandler]
                                                                                                     HKCU\software\microsoft\windows\currentversion\explorer\user shell
       Oueries value:
 folders[cookies]
       Queries value:
                                                                                                     HKLM \ software \ wow 6432 node \ microsoft \ internet
explorer\main\featurecontrol\feature_protocol_lockdown[755a4b2ec15da6bb01248b2dfbad206c340ba937eae9c35f04f6cedfe5e99d63.exe]
Queries value: HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_protocol_lockdown[*]
       Queries value:
                                                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[1806]
      Queries value:
                                                                                                     HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[1806]
                                                                                                     HKLM \verb|\software\m| icrosoft \verb|\sqmclient\w| indows \verb|\disabled| disabled| processes [a5f3beaa]
       Queries value:
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Oueries value:
                                                                                      HKLM\software\microsoft\samclient\windows[studvid]
                                                                                      HKLM\software\microsoft\telemetryclient\samplestore\sqm[sampledout]
      Queries value:
      Queries value:
                                                                                      HKCR\exefile\shell\open\command[command]
                                                                                     HKCR\exefile\shell\open\command[]
      Queries value:
      Oueries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[inheritconsolehandles]
HKLM\software\microsoft\windows\currentversion\policies\explorer[restrictrun]
     Oueries value:
\label{thm:local_hammon} HKLM \software \mbox{\sc urrentversion \sc explorer[disallow run]}
                                                                                     HKCR\exefile\shell\open[setworkingdirectoryfromtarget]
      Queries value:
      Queries value:
                                                                                     HKCR\exefile\shell\open[noworkingdirectory]
      Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[authenticodeenabled]
                                                                                     HKCU\software\microsoft\windows\currentversion\explorer\shell
      Queries value:
folders[cache]
     Oueries value:
                                                                                     HKLM\software\microsoft\windows
nt\currentversion\appcompatflags[{6c3dff7f-feff-4e9b-9eb1-252651df86d4}]
                                                                                     HKCU\software\microsoft\windows
     Queries value:
nt\currentversion\appcompatflags[{6c3dff7f-feff-4e9b-9eb1-252651df86d4}]
                                                                                     HKCU\software\microsoft\windows\shell\associations[showtoast]
      Oueries value:
      Queries value:
                                                                                      HKLM\software\microsoft\windows\currentversion\app
paths\install.exe[appendpath]
     Oueries value:
                                                                                     HKLM\software\microsoft\windows\currentversion\app
paths\install.exe[path]
      Queries value:
                                                                                     HKLM\software\microsoft\windows
nt \verb|\currentversion| app compatflags[\{d472e9bd-0225-4926-a79c-51ce1da8d7a5\}]| and the substitution of t
                                                                                     HKCU\software\microsoft\windows
     Oueries value:
nt\currentversion\appcompatflags[{d472e9bd-0225-4926-a79c-51ce1da8d7a5}]
      Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer[globalassocchangedcounter]
                                                                                     HKLM\software\wow6432node\microsoft\windows
     Queries value:
nt\currentversion\compatibility32[install]
HKLM\system\currentcontrolset\services\lanmanworkstation\parameters[rpccachetimeout]
                                                                                     HKLM\software\wow6432node\microsoft\windows
     Queries value:
nt\currentversion\compatibility32[flashplayer18_a_install]
      Queries value:
                                                                                     HKLM\system\currentcontrolset\control\filesystem[win31filesystem]
      Oueries value:
                                                                                     HKLM\system\currentcontrolset\services\crypt32[debugheapflags]
      Queries value:
                                                                                     HKCU\software\microsoft\windows nt\currentversion\windows[dragmindist]
                                                                                     HKCU\software\microsoft\windows nt\currentversion\windows[dragdelay]
      Queries value:
      Queries value:
                                                                                     Oueries value:
                                                                                     HKLM\system\currentcontrolset\control\nls\extendedlocale[en]
      Oueries value:
6fba-4fcf-9d55-7b8e7f157091}[category]
     Oueries value:
6fba-4fcf-9d55-7b8e7f157091}[name]
      Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{f1b32785-
6fba-4fcf-9d55-7b8e7f157091}[parentfolder]
     Oueries value:
6fba-4fcf-9d55-7b8e7f157091}[description]
HKL \\ M \ software \ wow 6432 node \ microsoft \ windows \ \ current version \ \ explorer \ \ folder descriptions \ \ \ ff b 32785-6f b a - 4fc f - 9d55 - 7b8e 7f157091 \ [relative path]
      Queries value:
HKLM \label{lem:hklm} HKLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} Whit
6fba-4fcf-9d55-7b8e7f157091}[parsingname]
     Oueries value:
\label{thm:hklm} HKL^{M} software \verb|\wow6432node\microsoft\windows\currentversion\end{|linearize} explorer \verb|\folderdescriptions\fill{|linearize} folderdescriptions\fill{|linearize} folderdescriptions\fill{|l
6fba-4fcf-9d55-7b8e7f157091}[infotip]
      Oueries value:
6fba-4fcf-9d55-7b8e7f157091}[localizedname]
      Queries value:
6fba-4fcf-9d55-7b8e7f157091}[icon]
      Queries value:
6fba-4fcf-9d55-7b8e7f157091}[security]
     Oueries value:
6fba-4fcf-9d55-7b8e7f157091}[streamresource]
     Oueries value:
HKLM \label{lem:hkk} In the latest and the latest
6fba-4fcf-9d55-7b8e7f157091}[streamresourcetype]
     Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{f1b32785-
6fba-4fcf-9d55-7b8e7f157091}[localredirectonly]
      Queries value:
HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer \ \ folder descriptions \ \ \ \ fflb 32785-respectively. \\
6fba-4fcf-9d55-7b8e7f157091}[roamable]
      Queries value:
6fba-4fcf-9d55-7b8e7f157091}[precreate]
     Queries value:
\label{thm:local_hammon_hammon} HKLM \software \wow 6432 node \verb|\microsoft| windows \current version \explorer \folder descriptions \fill fills and the second se
6fba-4fcf-9d55-7b8e7f157091}[stream]
     Oueries value:
\label{thm:local-continuous} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \fill \fil
6fba-4fcf-9d55-7b8e7f157091}[publishexpandedpath]
      Oueries value:
HK L^{M} software \verb|\www6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| f 1b32785-page | f 1b32785-page 
6fba-4fcf-9d55-7b8e7f157091}[attributes]
     Queries value:
6fba-4fcf-9d55-7b8e7f157091}[foldertypeid]
```

```
6fba-4fcf-9d55-7b8e7f157091}[initfolderhandler]
                                   HKCU\software\microsoft\windows\currentversion\explorer\user shell
  Queries value:
folders[local appdata]
  Queries value:
HKLM\system\currentcontrolset\control\lsa\accessproviders[martaextension]
                                   HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}[]
  Queries value:
                                   HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-
00c04fd705a2}\inprocserver32[inprocserver32]
                                   HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-
  Oueries value:
00c04fd705a2}\inprocserver32[]
                                   HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-
00c04fd705a2}\inprocserver32[threadingmodel]
  Oueries value:
                                   HKLM\system\currentcontrolset\control\wmi\security[5c8bb950-959e-4309-
8908-67961a1205d5]
  Queries value:
                                   \label{lem:hkcu} \verb+KKCU \software \verb+microsoft \verb+windows nt \verb+current version \verb+windows[scrollinset]+ \\
  Queries value:
                                   HKCU\software\microsoft\windows nt\currentversion\windows[scrolldelay]
  Oueries value:
                                   HKCU\software\microsoft\windows
nt\currentversion\windows[scrollinterval]
                                   HKCU\software\microsoft\internet explorer\main[frametabwindow]
  Queries value:
  Queries value:
                                   HKLM\software\wow6432node\microsoft\internet
explorer\main[frametabwindow]
  Queries value:
                                   HKCU\software\microsoft\internet explorer\main[framemerging]
  Queries value:
                                   HKLM\software\wow6432node\microsoft\internet explorer\main[framemerging]
  Oueries value:
                                   HKCU\software\microsoft\internet explorer\main[sessionmerging]
                                   HKLM\software\wow6432node\microsoft\internet
  Queries value:
explorer\main[sessionmerging]
  Queries value:
                                   HKCU\software\microsoft\internet explorer\main[admintabprocs]
  Oueries value:
                                   HKLM\software\wow6432node\microsoft\internet
explorer\main[admintabprocs]
                                   HKCU\software\microsoft\internet explorer\main[tabprocgrowth]
  Queries value:
  Oueries value:
                                   HKLM\software\wow6432node\microsoft\internet
explorer\main[tabprocgrowth]
  .
Queries value:
                                   HKLM\software\wow6432node\microsoft\internet
explorer\main[navigationdelay]
                                   HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
  Oueries value
08002b30309d}\shellfolder[attributes]
                                   Queries value:
08002b30309d \} \verb|\shellfolder[callforattributes]|
                                   HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
  Oueries value:
08002b30309d}\shellfolder[restrictedattributes]
                                   Queries value
08002b30309d}\shellfolder[foldervalueflags]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\explorer\clsid\{871c5380-
42a0-1069-a2ea-08002b30309d}\shellfolder[attributes]
  Queries value:
HKLM \ software \ microsoft \ windows \ current version \ policies \ nonenum \ [\, \{871c5380-42a0-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1069-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2ea-1060-a2
08002b30309d}1
  Oueries value:
                                   HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
08002b30309d}\inprocserver32[]
  Oueries value:
                                   HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
08002b30309d}\inprocserver32[loadwithoutcom]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\shell
extensions\cached[{871c5380-42a0-1069-a2ea-08002b30309d} {000214e6-0000-0000-c000-000000000046}
0xffff1
  Queries value:
                                   HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-08002b30309d}[]
                                   HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
  Queries value
08002b30309d}\inprocserver32[inprocserver32]
                                   HKCR\wow6432node\clsid\{871c5380-42a0-1069-a2ea-
  Queries value:
08002b30309d}\inprocserver32[threadingmodel]
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[syncmode5]
  Queries value:
                                   HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\5.0\cache[sessionstarttimedefaultdeltasecs]
  Queries value:
                                   HKU\.default\software\microsoft\windows\currentversion\explorer\user
shell folders[cache]
  Queries value:
                                   HKLM\software\microsoft\windows nt\currentversion\profilelist[default]
  Queries value:
                                   HKCU\software\policies\microsoft\windows\currentversion\internet
settings[mbcsapiforcrack]
                                   HKLM\software\wow6432node\microsoft\internet
  Oueries value:
explorer \verb|\main| featurecontrol \verb|\feature_http\_username\_password\_disable[flashplayer18\_a\_install.exe]|
                                   HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_http_username_password_disable[*]
                                   HKCU\software\microsoft\internet
  Oueries value:
explorer\main\featurecontrol[feature_clientauthcertfilter]
                                   HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol[feature_clientauthcertfilter]
                                   HKLM\software\wow6432node\microsoft\internet
  Oueries value:
explorer\main\featurecontrol\feature_mime_handling[flashplayer18_a_install.exe]
                                   HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling[*]
                                   HKLM\software\wow6432node\microsoft\internet
  Oueries value:
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback[flashplayer18_a_install.exe]
                                   HKLM\software\wow6432node\microsoft\internet
  Queries value:
\label{lem:control} explorer\mbox{\sc hardle_closing_callback[*]} \\ Queries\mbox{\sc value:} \qquad \mbox{\sc HKCU\software\mbox{\sc hirosoft\windows\currentversion\sc hirternet}}
settings[fromcachetimeout]
  Queries value:
                                   HKLM\software\policies\microsoft\windows\currentversion\internet
settings[secureprotocols]
  Queries value:
                                   HKCU\software\policies\microsoft\windows\currentversion\internet
settings[secureprotocols]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[secureprotocols]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[certificaterevocation]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[disablekeepalive]
  Queries value:
                                   -
HKCU\software\microsoft\windows\currentversion\internet
settings[idnenabled]
  Oueries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[preconnectlimit]
  Queries value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[preresolvelimit]
```

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Oueries value
                                                                 HKCU\software\microsoft\windows\currentversion\internet
settings[sqmhttpstreamrandomuploadpoolsize]
    Queries value:
                                                                  HKCU\software\microsoft\windows\currentversion\internet
 settings[cache
    Oueries value:
                                                                  HKLM\software\policies\microsoft\windows\currentversion\internet
settings[enablehttp1_1]
    Queries value:
                                                                  \label{lem:hkcu} \verb+KKCU \software \policies \microsoft \windows \current version \normalisation \part that the lemma is a simple of the lemma is
settings[enablehttp1_1]
                                                                 HKCU\software\microsoft\windows\currentversion\internet
    Oueries value:
settings[enablehttp1_1]
    Queries value:
                                                                  HKLM\software\policies\microsoft\windows\currentversion\internet
settings[proxyhttp1.1]
    Oueries value:
                                                                 HKCU\software\policies\microsoft\windows\currentversion\internet
settings[proxyhttp1.1]
    Queries value
                                                                  HKCU\software\microsoft\windows\currentversion\internet
settings[proxyhttp1.1]
    Oueries value
                                                                  HKCU\software\microsoft\windows\currentversion\internet
settings[enablenegotiate]
                                                                 HKCU\software\microsoft\windows\currentversion\internet
    Queries value:
settings[disablebasicoverclearchannel]
                                                                 HKCU\software\microsoft\windows\currentversion\internet
    Oueries value:
settings[clientauthbuiltinui]
    Queries value:
                                                                 \label{thm:linear} \mbox{\tt HKCU\software\policies\mbox{\tt microsoft\windows\currentversion\internet}} \\
settings[enableautoproxyresultcache]
    Queries value:
                                                                 HKCU\software\policies\microsoft\windows\currentversion\internet
settings[displayscriptdo
                                                                 wnloadfailureui]
    Queries value:
                                                                 \label{lem:hkcu} \verb+KKCU \software \policies \microsoft \windows \current version \notation \no
settings[mbcsservername]
    Queries value:
                                                                 HKCU\software\policies\microsoft\windows\currentversion\internet
settings[utf8ser
                                                                 \label{eq:hkcu} \mbox{H\/KCU\software\mbox{\sc windows\currentversion\sc internet}} \\
    Oueries value:
settings[disableworkerthreadhibernation]
    Queries value:
                                                                 HKLM\software\wo
                                                                                                                6432node\microsoft\windows\currentversion\internet
                                                                 readhibernation]
settings[disableworkerth
    Oueries value:
                                                                 HKCU\software\microsoft\windows\currentversion\internet
settings[disablereadrange]
                                                                  \hbox{\tt HKCU\software\microsoft\windows\currentversion\internet}
    Queries value:
settings[socketsendbufferlength]
    Oueries value:
                                                                 HKCU\software\microsoft\windows\currentversion\internet
settings[socketreceivebufferlength]
    Queries value:
                                                                 \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet
settings[keepalivetimeout]
                                                                 HKCU\software\microsoft\windows\currentversion\internet
    Oueries value:
settings[maxhttpredirects]
    Queries value:
                                                                 HKCU\software\microsoft\windows\currentversion\internet
{\tt settings[maxconnectionsperserver]}
                                                                 HKLM\software\wow6432node\microsoft\windows\currentversion\internet
    Oueries value:
settings[maxcon
                                          nectionsperserver]
                                                                  HKCU\software\microsoft\windows\currentversion\internet
    Queries value:
settings[maxconnectionsper1_0server]
                                                                 HKLM\software\wow6432node\microsoft\windows\currentversion\internet
    Oueries value:
settings[maxcor
                                                                er1 Oserver1
    Queries value:
                                                                 \label{thm:hcu} \mbox{HKCU\software\mbox{\sc windows\currentversion\internet}} \\
settings[maxconnectionsperproxy]
                                                                 HKCU\software\microsoft\windows\currentversion\internet
    Queries value:
settings[serverinfotimeout]
    Queries value:
                                                                 HKCU\software\microsoft\windows\currentversion\internet
settings[connecttimeout]
                                                                  HKLM\software\wow6432node\microsoft\windows\currentversion\internet
    Queries value:
settings[connecttimeout]
    Oueries value:
                                                                 HKCU\software\microsoft\windows\currentversion\internet
settings[connectretries]
                                                                  HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| windows\\| current version\\| internet in the continuous and 
    Queries value:
settings[connectretries]
    Oueries value
                                                                 HKCU\software\microsoft\windows\currentversion\internet
settings[sendtimeout]
    Queries value:
                                                                 HKLM \verb|\software\\| wow 6432 node \verb|\microsoft\\| windows \verb|\currentversion\\| internet | microsoft\\| windows \verb|\currentversion\\| internet | microsoft\\| windows\\| currentversion\\| internet\\| currentversion\\| curren
settings[sendtimeout]
    Oueries value:
                                                                 HKCU\software\microsoft\windows\currentversion\internet
settings[receivetimeout]
    Queries value:
                                                                  HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet
settings[receivetimeout]
                                                                 HKCU\software\microsoft\windows\currentversion\internet
    Oueries value:
settings[disablentlmpreauth]
    Queries value:
                                                                 \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet
settings[scavengecachelowerbound]
                                                                 HKCU\software\microsoft\windows\currentversion\internet
    Oueries value:
settings[certcachenovalidate]
    Queries value
                                                                 HKCU\software\microsoft\windows\currentversion\internet
{\tt settings \ \ 5.0 \ \ } cache [scavenge cache file life time]
    Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\autocomplete[append completion]
    Queries value
HKCU\software\microsoft\windows\currentversion\explorer\autocomplete[autosuggest]
    Queries value:
HKLM\software\w
                                           w6432node\microsoft\windows\currentversion\explorer\autocomplete[autosuggest]
    Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\autocomplete[always use tab]
    Queries value:
HKLM\software\wo
                                              6432node\microsoft\windows\currentversion\explorer\autocomplete[always use tab]
    Oueries value:
                                                                 HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-00c04fd7d062}[]
                                                                 HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
    Oueries value:
00c04fd7d062}\inprocserver32[inprocserver32]
                                                                 HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
00c04fd7d062}\inprocserver32[]
                                                                 HKCR\wow6432node\clsid\{00bb2765-6a77-11d0-a535-
    Queries value:
00c04fd7d062}\inprocserver32[threadingmodel]
                                                                 HKCU\software\policies\microsoft\windows\currentversion\internet
    Queries value:
settings\5.0\cache[scave
                                                                ngecachefilelimit1
                                                                  HKCU\software\microsoft\windows\currentversion\internet
    Queries value:
settings\5.0\cache[scavengecachefilelimit]
                                                                  HKLM\software\wow6432node\microsoft\windows\currentversion\internet
    Queries value
```

```
HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[httpdefaultexpirytimesecs]
    Queries value
                                                               HKCU\softwa
                                                                                                  \microsoft\windows\currentversion\internet
settings[ftpdefaultexpirytimesecs]
                                                               HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[disablecachingofsslpages]
   Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[leashlegacycookies]
                                                               HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[dialupuselanset
                                                             tings]
   Queries value:
                                                               \label{lem:hklm} \begin{tabular}{ll} HKLM \end{tabular} software \wow 6432 node \end{tabular} node \end{tabular} irror of the label \end{tabular} which is a simple constant \end{tabular} and \end{tabular} irror of \end{tabular} which is a simple \end{tabular} and \end{tabular} irror of \end{tabu
settings[dialupuselansettings]
   Queries value
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[sendextracrlf]
   Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[wpadsearchalldomains]
                                                               HKCU\software\microsoft\windows\currentversion\internet
    Oueries value:
settings[bypasshttpnocachecheck]
   Queries value:
                                                               HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[bypasshttpnocachecheck]
   Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[bypasssslnocachecheck]
   Queries value:
                                                               HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[bypasssslnocachecheck]
    Queries value
                                                               HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[enablehttptrace]
                                                               HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[nocheckautodialoverride]
    Queries value:
                                                               HKLM\softwar
                                                                                              e\wow6432node\microsoft\windows\currentversion\internet
settings[nocheckautodialoverride]
   Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[dontusednsloadbalancing]
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    Queries value:
                                                                                              e\wow6432node\microsoft\windows\currentversion\internet
settings[dontusednsloadbalancing]
                                                               HKLM\software\wow6432node\microsoft\windows\currentversion\internet
   Queries value:
settings[sharecredswithwinhttp]
   Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[mimeexclusionlistforcache]
   Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[headerexclusionlistforcache]
   Queries value:
                                                               \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet
settings[dnscacheenabled]
   Queries value:
                                                               \label{localization} \verb+HKCU\software\microsoft\windows\currentversion\sline terms to the local property of t
settings[dnscacheentries]
   Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
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
   Oueries value
settings[warnonzonecrossing]
   Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
                                                          ecving]
settings[warnonbadcert
    Queries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[warnonpostredirect]
   Oueries value:
                                                               HKCU\software\microsoft\windows\currentversion\internet
settings[alwaysdrainonredirect]
                                                               HKCU\software\microsoft\windows\currentversion\internet
    Queries value:
settings[warnonhttpstohttpredirect]
   Oueries value:
                                                               HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[tcpautotuning]
    Queries value:
                                                               HKCR \setminus wow6432 \\ node \\ clsid \\ \{03c036f1-a186-11d0-824a-00aa005b4383\}[]
    Oueries value
                                                               HKCR\wow6432node\clsid\{03c036f1-a186-11d0-824a-
00aa005b4383}\inprocserver32[inprocserver32]
    Queries value:
                                                               HKCR\wow6432node\clsid\{03c036f1-a186-11d0-824a-
00aa005b4383}\inp
                                                              er32[]
   Oueries value:
                                                               HKCR\wow6432node\clsid\{03c036f1-a186-11d0-824a-
00aa005b4383}\inprocserver32[threadingmodel]
                                                               HKCR\wow6432node\clsid\{00bb2763-6a77-11d0-a535-00c04fd7d062}[]
    Queries value:
    Queries value:
                                                               HKCR\wow6432node\clsid\{00bb2763-6a77-11d0-a535-
00c04fd7d062}\inprocserver32[inprocserver32]
                                                               HKCR\wow6432node\clsid\{00bb2763-6a77-11d0-a535-
    Queries value:
00c04fd7d062}\inprocserver32[]
    Queries value:
                                                               HKCR\wow6432node\clsid\{00bb2763-6a77-11d0-a535-
00c04fd7d062}\inprocserver32[threadingmodel]
    Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} $$HKLM \end{tabular} $$ in \end{t
                                                               HKCR\wow6432node\clsid\{807c1e6c-1d00-453f-b920-b61bb7cdd997}[]
    Queries value:
                                                               HKCR\wow6432node\clsid\{807c1e6c-1d00-453f-b920-
    Oueries value:
b61bb7cdd997}\inprocserver32[inprocserver32]
                                                               HKCR\wow6432node\clsid\{807c1e6c-1d00-453f-b920-
    Queries value
b61bb7cdd997}\inprocserver32[]
    Queries value:
                                                               HKCR\wow6432node\clsid\{807c1e6c-1d00-453f-b920-
b61bb7cdd997}\inprocserver32[threadingmodel]
    Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[winsock_registry_version]
    Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \setminus parameters [namespace\_callout]
    Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[serial_access_num]
    Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[next_catalog_entry_id]
    Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[num_catalog_entries]
    Queries value:
Oueries value:
HKLM \\ system \\ current control set \\ services \\ winsock \\ 2 \\ parameters \\ protocol\_catalog \\ 9 \\ catalog\_entries \\ 00000000000002 \\ [packed catalog item] \\ 2 \\ parameters \\ 2 \\ parameters \\ 3 \\ parameters \\ 4 \\ parameters \\
```

settings\5.0\cache[scavengecachefilelimit]

Oueries value

Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol catalog9\catalog entries\000000000004[packedcatalogitem] Queries value:

entcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\00000000005[packedcatalogitem] HKLM\system\cu Oueries value:

Queries value:

Oueries value:

Queries value:

Oueries value:

 $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace\_catalog 5 [serial\_access\_num]$ Oueries value:

Queries value:

Oueries value:

 $HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ namespace\_catalog5 \ (catalog\_entries \ 000000000001 \ [displaystring]$ Queries value:

 $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ namespace\_catalog \ set alog\_entries \ (0000000000001[providerid]) \ details \$ Oueries value:

Queries value:

Queries value:

Oueries value:

Queries value:

Oueries value:

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Queries value:

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Queries value:

f20f-4863-afef-f87ef2e6ba25}[streamresourcetype]

Queries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {c4aa340d-microsoft| windows \verb|\currentversion| explorer| folderdescriptions| {c4aa340d-microsoft| windows| explorer| folderdescriptions| explorer| folderdescriptions| {c4aa340d-microsoft| windows| explorer| folderdescriptions| folderdescriptions| explorer| folderdescriptions| explorer| folderdescri$ f20f-4863-afef-f87ef2e6ba25}[localredirectonly]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{c4aa340df20f-4863-afef-f87ef2e6ba25}[roamable]

Queries value:

f20f-4863-afef-f87ef2e6ba25}[precreate]

Queries value:

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Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \capable for the large description of t$ f20f-4863-afef-f87ef2e6ba25}[attributes]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{c4aa340df20f-4863-afef-f87ef2e6ba25}[foldertypeid]

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f20f-4863-afef-f87ef2e6ba25}[initfolderhandler]

Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hklm} White \label{lem:hklm} White \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White \label{lem:hkk$ f80d-49df-acb8-4330f5687855}[category] Queries value:

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f80d-49df-acb8-4330f5687855}[description]

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f80d-49df-acb8-4330f5687855}[parsingname]

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Oueries value:

 $HKLM \label{lem:hklm} Which is the latest and the$ f80d-49df-acb8-4330f5687855}[localizedname]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{9e52ab10f80d-49df-acb8-4330f5687855}[icon]

Queries value:

f80d-49df-acb8-4330f5687855}[security]

Queries value:

 $HKLM \label{lem:hklm} Software \label{lem:hklm} Windows \label{lem:hklm} Label{lem:hklm} Which is the lemma software \label{lem:hklm} Which is the lemma s$ f80d-49df-acb8-4330f5687855}[streamresource]

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

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Queries value:

 $\label{thm:hklmsoftware} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \cal{eq:hklmsoftware} 4044-8644-66979315a281 \cal{eq:hklmsoftware} \cal{eq$ 

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 $\label{thm:hklmsoftware} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \cal{eq:hklmsoftware} 4098-4044-8644-66979315a281 \[description]$ 

Queries value:

 $\label{thm:hklm:software} HKLM \software \swow6432 node \swicrosoft \swindows \current version \explorer \folder descriptions \folder \folde$ 

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{98ec0e18-2098-4d44-8644-66979315a281\} \ [parsing name]$ 

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Oueries value:

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Queries value:

 $\label{thm:local} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folder descriptions\gray \gray \gray$ 

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

 $\label{thm:continuous} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \eqref{eq:general-section} \eqref{eq:general-general-section} \eqref{eq:general-gen$ 

2098-4d44-8644-66979315a281}[publishexpandedpath]
Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{98ec0e18-

2098-4d44-8644-66979315a281}[attributes]

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Queries value:

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 $\label{thm:continuous} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \end{a4115719-properties} \label{thm:continuous}$ 

d62e-491d-aa7c-e74b8be3b067}[security]

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Queries value:

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Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{a4115719-d62e-491d-aa7c-e74b8be3b067\} [attributes]$ 

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Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{a4115719-d62e-491d-aa7c-e74b8be3b067\} [initfolder handler]$ 

Queries value:

 $\label{thm:hklm} HKLM\software\wow6432 node\microsoft\windows\current version\explorer\folder descriptions\{cac52c1a-b53d-4edc-92d7-6b2e8ac19434\}[category]$ 

Queries value:

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 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \cac52c1a-b53d-4edc-92d7-6b2e8ac19434 \footnote{The description} \label{fig:help} \label{fig:help}$ 

Queries value:

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 $\label{thm:local-continuous} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \cac52c1a-b53d-4edc-92d7-6b2e8ac19434 \[infotip]$ 

Queries value:

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Queries value:

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{cac52c1ab53d-4edc-92d7-6b2e8ac19434}[security]
Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{cac52c1ah53d-4edc-92d7-6h2e8ac19434}{streamresource}

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b53d-4edc-92d7-6b2e8ac19434}[localredirectonly]
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Queries value: KKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{cac52c1a-b53d-4edc-92d7-6b2e8ac19434}[roamable]

Queries value:

 $\label{thm:logical-bound} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \cac 52c1a-b53d-4edc-92d7-6b2e8ac19434 \[precreate]$ 

Queries value:

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Queries value:

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Queries value:

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Queries value:

 $HKL\label{lem:hklm} HKL\label{lem:hklm} HKL\label{lem:hklm} White the statement of the st$ 

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Queries value:

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Queries value:

 $\label{thm:local-bound} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \cite{local-bound} 18989b1d-99b5-455b-841c-ab7c74e4ddfc} \cite{local-bound} \end{microsoft} and \cite{local-bound} \c$ 

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 $\label{thm:local-problem} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\c(18989b1d-99b5-455b-841c-ab7c74e4ddfc)\c(parentfolder)$ 

Queries value:

99b5-455b-841c-ab7c74e4ddfc}[description] Queries value: 99b5-455b-841c-ab7c74e4ddfc}[relativepath] Oueries value: 99b5-455b-841c-ab7c74e4ddfc}[parsingname] Queries value: 99b5-455b-841c-ab7c74e4ddfc}[infotip] Queries value:

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{18989b1d-99b5-455b-841c-ab7c74e4ddfc}[streamresource]

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99b5-455b-841c-ab7c74e4ddfc}[localredirectonly]

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99b5-455b-841c-ab7c74e4ddfc}[roamable]

Queries value:

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99b5-455b-841c-ab7c74e4ddfc}[foldertypeid]

Oueries value:

 $HKLM \label{lem:hkk} Which was current version \explorer \folder descriptions \folder \f$ 99b5-455b-841c-ab7c74e4ddfc}[initfolderhandler]

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Queries value:

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Oueries value:

7b75-48a9-9f6b-4b87a210bc8f}[parentfolder]

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{52a4f021-7b75-48a9-9f6b-4b87a210bc8f}[description]

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{52a4f021-7b75-48a9-9f6b-4b87a210bc8f}[relativepath] Queries value:

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7b75-48a9-9f6b-4b87a210bc8f}[localredirectonly] Oueries value:

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Queries value:

7b75-48a9-9f6b-4b87a210bc8f}[precreate]

Queries value:

 $HKLM \label{lem:hklm} Which is a few and the latest and the late$ 7b75-48a9-9f6b-4b87a210bc8f}[stream]

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7b75-48a9-9f6b-4b87a210bc8f}[attributes]

Queries value:

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Queries value:

7b75-48a9-9f6b-4b87a210bc8f}[initfolderhandler]

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Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{de974d24d9c6-4d3e-bf91-f4455120b917}[parentfolder]

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d9c6-4d3e-bf91-f4455120b917}[description]

 $\label{thm:local-problem} HKLM \label{thm:local-problem} KLM \label{thm:local-problem} Windows \label{thm:$ d9c6-4d3e-bf91-f4455120b917}[relativepath]

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d9c6-4d3e-bf91-f4455120b917}[roamable]

Oueries value:

 $\label{thm:local-problem} HKLM \label{thm:local-problem} KLM \label{thm:local-problem} Windows \label{thm:$ d9c6-4d3e-bf91-f4455120b917}[precreate] Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White \labe$ d9c6-4d3e-bf91-f4455120b917}[stream]

Oueries value:

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Oueries value:

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Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ f$ d9c6-4d3e-bf91-f4455120b917}[initfolderhandler]

Queries value:

2e97-45d1-88ff-b0d186b8dedd}[category] Oueries value:

2e97-45d1-88ff-b0d186b8dedd}[name]

Queries value:

2e97-45d1-88ff-b0d186b8dedd}[parentfolder] Queries value:

2e97-45d1-88ff-b0d186b8dedd}[description]

Oueries value:

2e97-45d1-88ff-b0d186b8dedd}[relativepath]

Queries value:

2e97-45d1-88ff-b0d186b8dedd}[parsingname]

Oueries value:

2e97-45d1-88ff-b0d186b8dedd}[infotip]

Oueries value:

2e97-45d1-88ff-b0d186b8dedd}[localizedname]

2e97-45d1-88ff-b0d186b8dedd}[icon]

Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White$ 2e97-45d1-88ff-b0d186b8dedd}[security]

Oueries value:

2e97-45d1-88ff-b0d186b8dedd[streamresource]

2e97-45d1-88ff-b0d186b8dedd}[streamresourcetype]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\f6f0cd92b-2e97-45d1-88ff-b0d186b8dedd}[localredirectonly]

Queries value:

2e97-45d1-88ff-b0d186b8dedd}[roamable]

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Oueries value:

2e97-45d1-88ff-b0d186b8dedd}[stream]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{6f0cd92b-2e97-45d1-88ff-b0d186b8dedd}[publishexpandedpath]

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2e97-45d1-88ff-b0d186b8dedd}[attributes]

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2e97-45d1-88ff-b0d186b8dedd}[foldertypeid]

Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White \label{lkklm} White \l$  $2e97-45d1-88ff-b0d186b8dedd\} [initfolderhandler] \\$ 

Oueries value:

 $\label{thm:hklm} \textbf{HKLM} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{76fc4e2d-16de1descriptions\}| for the property of the property o$ d6ad-4519-a663-37bd56068185}[category]

Oueries value:

d6ad-4519-a663-37bd56068185}[name]

Queries value:

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Queries value:

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 $HKLM \label{lem:hklm} White the latest and the la$ d6ad-4519-a663-37bd56068185}[relativepath]

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Queries value:

d6ad-4519-a663-37bd56068185}[localizedname]

Oueries value:

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d6ad-4519-a663-37bd56068185}[security]

Oueries value:

d6ad-4519-a663-37bd56068185}[streamresource]

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{76fc4e2dd6ad-4519-a663-37bd56068185}[streamresourcetype]

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{76fc4e2dd6ad-4519-a663-37bd56068185}[localredirectonly] Queries value:

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d6ad-4519-a663-37bd56068185}[publishexpandedpath] 

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Queries value:  $\tt d6ad-4519-a663-37bd56068185\}[initfolderhandler]$ 

Oueries value:

5643-4af4-a7eb-4e7a138d8174}[category]

Oueries value:

 $HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{491e922f-164e1\} \\ note that the first index of the$ 5643-4af4-a7eb-4e7a138d8174}[name]

5643-4af4-a7eb-4e7a138d8174}[parentfolder]

Queries value:

5643-4af4-a7eb-4e7a138d8174}[description]

Oueries value:

5643-4af4-a7eb-4e7a138d8174}[relativepath]

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} H$ 5643-4af4-a7eb-4e7a138d8174}[parsingname]

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{491e922f-5643-4af4-a7eb-4e7a138d8174}[infotip]

Queries value:

5643-4af4-a7eb-4e7a138d8174}[localizedname]

Oueries value:

5643-4af4-a7eb-4e7a138d8174}[icon]

Oueries value:

5643-4af4-a7eb-4e7a138d8174}[security]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{491e922f-5643-4af4-a7eb-4e7a138d8174}[streamresource]

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Queries value:

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Oueries value:

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Oueries value:

 $HKLM \label{thm:local-prop} IN \label{thm:local-prop} HKLM \label{thm:local-prop} Windows \label{thm:local-prop} Label{thm:local-prop} Windows \label{thm:local-prop} Windows \label{thm$ 5643-4af4-a7eb-4e7a138d8174}[precreate]

Oueries value:

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Queries value:

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4e1e-4676-835a-98395c3bc3bb}[name1

Oueries value:

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 $HKLM \label{lem:hklm} \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White$ 4e1e-4676-835a-98395c3bc3bb}[description] Oueries value:

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4e1e-4676-835a-98395c3bc3bb}[parsingname]

Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{33e28130-4e1e-4676-835a-98395c3bc3bb}[infotip]

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Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ 4e1e-4676-835a-98395c3bc3bb}[icon]

Oueries value:

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Queries value:

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Oueries value:

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Queries value:

4e1e-4676-835a-98395c3bc3bb}[roamable]

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4e1e-4676-835a-98395c3bc3bb}[precreate]

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Oueries value:

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4e1e-4676-835a-98395c3bc3bb}[initfolderhandler] HKCU\software\microsoft\windows\currentversion\explorer\user shell Queries value:

folders[my pictures]

Queries value:

 $HKLM \label{lem:hklm} White the lattice of the la$ 2adb-4296-a8f7-e4701232c972}[category]

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 $HKLM \label{lem:hkk} In the latest and the latest$ 2adb-4296-a8f7-e4701232c972}[name]

Queries value:

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2adb-4296-a8f7-e4701232c972}[description]

Oueries value:

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Oueries value:

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Oueries value:

2adb-4296-a8f7-e4701232c972}[infotip]

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} H$ 2adb-4296-a8f7-e4701232c972}[localizedname]

2adb-4296-a8f7-e4701232c972}[icon]

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Queries value:

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2adb-4296-a8f7-e4701232c972}[roamable]

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 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{li$ 2adb-4296-a8f7-e4701232c972}[precreate]

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 $\label{thm:local-hklm} \begin{tabular}{ll} HKLM \software \www6432 node \microsoft \windows \current version \explorer \folder descriptions \colored \colo$ 2adb-4296-a8f7-e4701232c972}[stream]

Oueries value:  $HK\dot{L}M\ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{8ad10c31-microsoft \ windows \ current \ version \ \}$ 

2adb-4296-a8f7-e4701232c972}[publishexpandedpath] Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{8ad10c31-2adb-4296-a8f7-e4701232c972}[attributes]

Queries value:

2adb-4296-a8f7-e4701232c972}[foldertypeid] Queries value:

2adb-4296-a8f7-e4701232c972}[initfolderhandler] Queries value: 

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 $HK\`L M\ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer\ folder descriptions \ \ \{82a5ea35-48484, \ and \$ d9cd-47c5-9629-e15d2f714e6e}[name]

Queries value:

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Oueries value:

 $\label{thm:local_explorer_folder} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \colored \col$ d9cd-47c5-9629-e15d2f714e6e}[relativepath]

Oueries value:

 $HKLM \label{lem:hkkkk} In the latest and the late$ d9cd-47c5-9629-e15d2f714e6e}[parsingname]

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d9cd-47c5-9629-e15d2f714e6e}[localizedname]

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hklm} HKLM \label{lem:hklm} White \label{lklm} HKLM \label{lklm} White \label{lklm} White \label{lklm} HKLM \label{lklm} White \label{lklm} HKLM \label{lklm} White \label{lklm} HKLM \label{lklm} White \label{lklm} White \label{lklm} HKLM \label{lklm} White \label{lklm} HKLM \label{lklm} White \label{lklm} Wh$ d9cd-47c5-9629-e15d2f714e6e}[icon]

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d9cd-47c5-9629-e15d2f714e6e}[security]

Queries value:

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Oueries value:

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Queries value:

d9cd-47c5-9629-e15d2f714e6e}[roamable]

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d9cd-47c5-9629-e15d2f714e6e}[precreate]

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 $HKLM \label{lem:hkk} In the latest and the latest$ d9cd-47c5-9629-e15d2f714e6e}[stream]

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d9cd-47c5-9629-e15d2f714e6e}[attributes]

Oueries value:

 $\label{thm:local_explorer_local} \begin{tabular}{ll} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \end{tabular} \end{tabular} \begin{tabular}{ll} 82a5ea35-microsoft \end{tabular} \begin{tabular}{ll} \begin{tabular}{ll} 482a5ea35-microsoft \end{tabular} \begin{tabular}{ll} \begin{tabular}{ll} 482a5ea35-microsoft \end{tabular} \begin{tabular}{ll} 482a5ea35-microsoft \end$ d9cd-47c5-9629-e15d2f714e6e}[foldertypeid]

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e1a8-4c59-b6a2-414586476aea}[localizedname]

Oueries value:

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Oueries value:

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Oueries value:

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e1a8-4c59-b6a2-414586476aea}[stream]

Queries value:

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e1a8-4c59-b6a2-414586476aea}[attributes]

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Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \eqref{lem:hkkkkk} debf 2536-debf 2536-debf$ e1a8-4c59-b6a2-414586476aea}[initfolderhandler]

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Queries value:

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b1d3-4a90-bba9-27cbc0c5389a}[infotip]

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Queries value:

b1d3-4a90-bba9-27cbc0c5389a}[icon]

Oueries value:

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 $HKLM \label{lem:hklm} Software \label{lem:hklm} Which is the last of the las$ b1d3-4a90-bba9-27cbc0c5389a}[localredirectonly]

Oueries value:

 $HKLM \label{lem:hklm} In the latest and the lates$ b1d3-4a90-bba9-27cbc0c5389a}[roamable]

Oueries value:

 $HK \dot{L} M \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{0f214138-1666, and the contraction \ explorer \ folder \ descriptions \ explorer \ folder \ folder$ b1d3-4a90-bba9-27cbc0c5389a}[precreate]

Oueries value:

b1d3-4a90-bba9-27cbc0c5389a}[stream]

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Queries value:

b1d3-4a90-bba9-27cbc0c5389a}[foldertypeid]

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} H$ b1d3-4a90-bba9-27cbc0c5389a}[initfolderhandler]

Queries value:

6185-49fb-a2d8-4a392a602ba3}[category]

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Oueries value:

6185-49fb-a2d8-4a392a602ba3}[description]

Oueries value:

 $\label{thm:local-continuous} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \color=12400183 a-12400183 a-124000183 a-124000183 a-124000183 a-124000183 a-124000183 a-124000183 a-124000183 a-124000183 a-$ 6185-49fb-a2d8-4a392a602ba3}[relativepath] Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2400183a-6185-49fb-a2d8-4a392a602ba3}[parsingname] Queries value:

6185-49fb-a2d8-4a392a602ba3}[infotip] Queries value: 

6185-49fb-a2d8-4a392a602ba3}[localizedname] Queries value: 

6185-49fb-a2d8-4a392a602ba3}[icon] Oueries value:

6185-49fb-a2d8-4a392a602ba3}[security]

Oueries value:

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6185-49fb-a2d8-4a392a602ba3}[streamresourcetype]

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \labe$ 6185-49fb-a2d8-4a392a602ba3}[localredirectonly]

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \$ 6185-49fb-a2d8-4a392a602ba3}[roamable]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2400183a-6185-49fb-a2d8-4a392a602ba3}[precreate]

Queries value:

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 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lkklm} White$ 6185-49fb-a2d8-4a392a602ba3}[publishexpandedpath]

Queries value:

6185-49fb-a2d8-4a392a602ba3}[attributes]

Queries value:

 $HKLM \label{limits} In the limits of twe two weaks of the limits of th$ 6185-49fb-a2d8-4a392a602ba3}[foldertypeid]

Oueries value:

6185-49fb-a2d8-4a392a602ba3}[initfolderhandler]

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b784-432e-a781-5a1130a75963}[category]
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         w6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-
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Queries value:
b784-432e-a781-5a1130a75963}[parentfolder]
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Oueries value:

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Oueries value:

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Oueries value:

 $HK \dot{L} M \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{d9dc8a3b-d9d$ b784-432e-a781-5a1130a75963}[icon]

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKL$ b784-432e-a781-5a1130a75963}[security]

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Queries value:

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

Queries value:

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Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} H$ b784-432e-a781-5a1130a75963}[roamable]

Queries value:

b784-432e-a781-5a1130a75963}[precreate]

b784-432e-a781-5a1130a75963}[stream]

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 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} H$ b784-432e-a781-5a1130a75963}[publishexpandedpath]

Oueries value:

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Oueries value:

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 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKL$ b784-432e-a781-5a1130a75963}[initfolderhandler] Queries value:

be44-4057-a41b-587a76d7e7f9}[category] Queries value: 

be44-4057-a41b-587a76d7e7f9}[name]

Queries value: be44-4057-a41b-587a76d7e7f9}[parentfolder]

Oueries value:

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Oueries value:

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be44-4057-a41b-587a76d7e7f9}[parsingname]

Oueries value:

 $\label{thm:local-continuous} HKLM \software \wow 6432 node \mbox{$289a9a43-$} in the local continuous \mbox{$289a9a3-$} in the local continuous \mbox{$289a3-$} in the local continuous \$ be44-4057-a41b-587a76d7e7f9}[infotip]

Oueries value:

 $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{289a9a43-4944\} \ descriptions \ folder \ folder \ descriptions \ folder \ f$ be44-4057-a41b-587a76d7e7f9}[localizedname]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{289a9a43be44-4057-a41b-587a76d7e7f9}[icon]

Queries value:

be44-4057-a41b-587a76d7e7f9}[security]

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} \label{le$ be44-4057-a41b-587a76d7e7f9}[streamresource]

Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lkklm} HKLM \label{lkklm} White \label{lkklm} HKLM \label{lkklm} White \label{lkklm} HKLM \label{lkklm} White \label{lkklm} White \label{lkklm} White \label{lkklm} White \label{lkklm} HKLM \label{lkklm} White \label{lkklm} Wh$ be44-4057-a41b-587a76d7e7f9}[streamresourcetype]

Queries value:

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Oueries value:

be44-4057-a41b-587a76d7e7f9}[roamable]

be44-4057-a41b-587a76d7e7f9}[precreate]

Queries value:

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Queries value:

be44-4057-a41b-587a76d7e7f9}[publishexpandedpath]

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be44-4057-a41b-587a76d7e7f9}[attributes]

Queries value:

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be44-4057-a41b-587a76d7e7f9}[initfolderhandler]

Oueries value:

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Oueries value:

347d-4006-a5be-ac0cb0567192}[name]

Oueries value:

347d-4006-a5be-ac0cb0567192}[parentfolder]

Oueries value:

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Queries value:

347d-4006-a5be-ac0cb0567192}[infotip]

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKL$ 347d-4006-a5be-ac0cb0567192}[localizedname]

Queries value:

347d-4006-a5be-ac0cb0567192}[icon]

347d-4006-a5be-ac0cb0567192}[security]

Oueries value:

 $HKLM \label{lem:hkk} Which was a fixed that the statement of the stateme$  $347d-4006-a5be-ac0cb0567192\} \verb[streamresource]$ 

Oueries value:

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Oueries value:

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Queries value:

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347d-4006-a5be-ac0cb0567192}[stream]

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347d-4006-a5be-ac0cb0567192}[publishexpandedpath] Oueries value: 

347d-4006-a5be-ac0cb0567192}[attributes] Queries value:

347d-4006-a5be-ac0cb0567192}[foldertypeid]

347d-4006-a5be-ac0cb0567192}[initfolderhandler]

Oueries value:

3ecb-4c18-be4e-64cd4cb7d6ac}[category]

Oueries value:

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Oueries value:

 $HKLM \label{eq:hklm} Software \label{eq:hklm} Would software \label{eq:hkklm} Would software \label{eq:h$ 3ecb-4c18-be4e-64cd4cb7d6ac}[parentfolder]

Queries value:

3ecb-4c18-be4e-64cd4cb7d6ac}[description]

 $HKLM \label{lem:hklm} White the latest and the la$ 3ecb-4c18-be4e-64cd4cb7d6ac}[relativepath]

Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ 3ecb-4c18-be4e-64cd4cb7d6ac}[parsingname]

Queries value:

 $HKLM \label{lem:hkkkk} In the large that the larg$ 3ecb-4c18-be4e-64cd4cb7d6ac}[infotip]

Oueries value:

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3ecb-4c18-be4e-64cd4cb7d6ac}[streamresource]
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3ecb-4c18-be4e-64cd4cb7d6ac}[streamresourcetype]

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3ecb-4c18-be4e-64cd4cb7d6ac}[localredirectonly]

3ecb-4c18-be4e-64cd4cb7d6ac}[roamable]

Oueries value:

 $HKLM \label{lem:hklm} In the large that the large$ 3ecb-4c18-be4e-64cd4cb7d6ac}[precreate]

Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \folder \fol$ 3ecb-4c18-be4e-64cd4cb7d6ac}[stream]

Oueries value:

3ecb-4c18-be4e-64cd4cb7d6ac}[publishexpandedpath]

Oueries value:

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3ecb-4c18-be4e-64cd4cb7d6ac}[foldertypeid]

Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ 3ecb-4c18-be4e-64cd4cb7d6ac}[initfolderhandler]

Queries value:

31ca-4aba-814f-a5ebd2fd6d5e}[category]

Oueries value:

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Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ (ee 32e 446-1946) \ descriptions \ descriptions \ descriptions \ (ee 32e 446-1946)$ 31ca-4aba-814f-a5ebd2fd6d5e}[parentfolder]

31ca-4aba-814f-a5ebd2fd6d5e}[description]

Oueries value:

 $HKLM \label{lem:hkk} Which would will be a considered with the statement of the statement$  $31 ca-4aba-814 f-a5ebd2 fd6d5e \} \verb|[relativepath]|$ 

Oueries value:

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Oueries value: 

31ca-4aba-814f-a5ebd2fd6d5e}[infotip] Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{ee32e446-

31ca-4aba-814f-a5ebd2fd6d5e}[localizedname] Queries value: 

31ca-4aba-814f-a5ebd2fd6d5e}[icon] Queries value:

31ca-4aba-814f-a5ebd2fd6d5e}[security] Queries value:

31ca-4aba-814f-a5ebd2fd6d5e}[streamresource] Oueries value:

31ca-4aba-814f-a5ebd2fd6d5e}[streamresourcetype] Oueries value:

31ca-4aba-814f-a5ebd2fd6d5e}[localredirectonly]

31ca-4aba-814f-a5ebd2fd6d5e}[roamable]

Oueries value:

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Oueries value:

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Oueries value:

31ca-4aba-814f-a5ebd2fd6d5e}[publishexpandedpath] Queries value:

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Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ 31ca-4aba-814f-a5ebd2fd6d5e}[initfolderhandler]

Queries value:

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Oueries value:

f49e-4126-a9c3-b52a1ff411e8}[name]

f49e-4126-a9c3-b52a1ff411e8}[parentfolder]

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Queries value:

f49e-4126-a9c3-b52a1ff411e8}[infotip]

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Oueries value:

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Oueries value:

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Queries value:

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Queries value:

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Queries value:

f49e-4126-a9c3-b52a1ff411e8}[precreate]

Oueries value:

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f49e-4126-a9c3-b52a1ff411e8}[publishexpandedpath]

f49e-4126-a9c3-b52a1ff411e8}[attributes]

Oueries value:

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Oueries value:

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Oueries value:

 $HKLM \label{eq:hklm} Software \label{eq:hklm} Would \label{eq:hklm} Which is the software \label{eq:hkklm} Which is the software \label{eq:hkk$ 6afe-49f2-8690-3dafcae6ffb8}[category] Queries value:

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6afe-49f2-8690-3dafcae6ffb8}[description]

Queries value:  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{0139d44e-microsoft \ windows \ current \ wow \ folder \ descriptions \ \ \ \ \}$ 

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Oueries value:

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Queries value:

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Oueries value:

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Oueries value:

 $HKLM \label{limits} Which was considered as the sum of the sum o$ 6afe-49f2-8690-3dafcae6ffb8}[initfolderhandler]

Queries value:

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e17f-4121-8900-86626fc2c973}[name]

Oueries value:

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Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \c 5abb f53-fixed \c$ e17f-4121-8900-86626fc2c973}[description]

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{c5abbf53-bc432 node \ microsoft \ windows \ current \ version \ explorer \ folder descriptions \ folder \ folder \ descriptions \ folder \ descriptions \ folder \ folder \ descriptions \ folder \ fol$ e17f-4121-8900-86626fc2c973}[relativepath]

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e17f-4121-8900-86626fc2c973}[attributes]

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c6cb-462b-8169-88e350acb882}[name]

Oueries value:

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Oueries value:

 $HKLM \label{lem:hkkkk} Which is the statement of the st$ c6cb-462b-8169-88e350acb882}[description]

Oueries value:

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Queries value:

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Queries value:

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Oueries value:

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c6cb-462b-8169-88e350acb882}[streamresource]

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Oueries value:

c6cb-462b-8169-88e350acb882}[roamable]

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Oueries value:

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folders[{56784854-c6cb-462b-8169-88e350acb882}]

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Queries value:

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ca5c-4622-b42d-bc56db0ae516}[initfolderhandler] Oueries value:  $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{00bcfc5a-bcfc4a$ 

ed94-4e48-96a1-3f6217f21990}[category]

Oueries value: 

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Oueries value:

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Queries value:

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 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {a302545d-parameters and the context of the c$ deff-464b-abe8-61c8648d939b}[relativepath] Oueries value:

deff-464b-abe8-61c8648d939b}[parsingname] Queries value:

deff-464b-abe8-61c8648d939b}[infotip] Queries value: 

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deff-464b-abe8-61c8648d939b}[icon]

Oueries value:  $HKLM \label{limits} Which was considered and the sum of the sum$ 

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Queries value:

 $\tt deff-464b-abe8-61c8648d939b\}[roamable]$ 

Oueries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {a302545d-parameters and the context of the c$ deff-464b-abe8-61c8648d939b}[precreate]

Oueries value:

deff-464b-abe8-61c8648d939b}[stream]

Queries value:

deff-464b-abe8-61c8648d939b}[publishexpandedpath]

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224c-49de-b8d1-440df7ef3ddc}[name]

Queries value:

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Oueries value:

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Queries value:

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Oueries value:

224c-49de-b8d1-440df7ef3ddc}[roamable]

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224c-49de-b8d1-440df7ef3ddc}[stream]

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Queries value:

224c-49de-b8d1-440df7ef3ddc}[attributes] Oueries value:

224c-49de-b8d1-440df7ef3ddc}[foldertypeid] Oueries value:  $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limit$ 

224c-49de-b8d1-440df7ef3ddc}[initfolderhandler]

Queries value: 153b-4d17-9f04-a5fe99fc15ec}[category]

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153b-4d17-9f04-a5fe99fc15ec}[name]

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Oueries value:

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Oueries value:

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153b-4d17-9f04-a5fe99fc15ec}[precreate]

153b-4d17-9f04-a5fe99fc15ec}[stream]

Oueries value:

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Oueries value:

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Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{e555ab60-153b-4d17-9f04-a5fe99fc15ec}[foldertypeid]

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Oueries value:

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4dd8-4787-80b6-090220c4b700}[security]

 $\label{thm:hklm:software} HKLM \software \swow6432 node \swire not such that the sum of the sum o$ Queries value:  $HKLM \label{lem:hklm} Which is a simple with the second content of the second content$ 

4dd8-4787-80b6-090220c4b700}[streamresourcetype]

Oueries value: 

4dd8-4787-80b6-090220c4b700}[localredirectonly] Oueries value:

4dd8-4787-80b6-090220c4b700}[roamable]

Queries value:

4dd8-4787-80b6-090220c4b700}[precreate]

Queries value:

4dd8-4787-80b6-090220c4b700}[stream]

Queries value:

 $4dd8-4787-80b6-090220c4b700 \} [publish expanded path]\\$ 

Oueries value:

 $HKLM \label{lem:hklm} Which is the lattice of the$ 4dd8-4787-80b6-090220c4b700}[attributes]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{054fae61-4dd8-4787-80b6-090220c4b700}[foldertypeid]

Queries value:

4dd8-4787-80b6-090220c4b700}[initfolderhandler] Queries value:

 $HKLM \label{lem:hklm} Software \label{lem:hklm} Which is a few and the latest a$ 

68ad-4d8a-87bd-30b759fa33dd}[category] Queries value:

68ad-4d8a-87bd-30b759fa33dd}[name] Oueries value:

 $\label{thm:hklm} \begin{tabular}{ll} HKLM \label{thm:hklm} which is the statement of the$ 68ad-4d8a-87bd-30b759fa33dd}[parentfolder] Oueries value:

68ad-4d8a-87bd-30b759fa33dd}[description]

Queries value:

68ad-4d8a-87bd-30b759fa33dd}[relativepath]

68ad-4d8a-87bd-30b759fa33dd}[parsingname]

Queries value:

68ad-4d8a-87bd-30b759fa33dd}[infotip]

Oueries value:

68ad-4d8a-87bd-30b759fa33dd}[localizedname]

Oueries value:

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Queries value:

68ad-4d8a-87bd-30b759fa33dd}[security]

Oueries value:

 $HKLM \label{lem:hkk} Which was a function which is the state of the$  $68ad-4d8a-87bd-30b759fa33dd \} \verb|[streamresource]| \\$ 

Oueries value:

 $HKLM \label{lem:hkk} In the latest and the latest$ 68ad-4d8a-87bd-30b759fa33dd}[streamresourcetype]

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Queries value:

 $HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{1777f761-164\} \\ node \mid folder \\ descriptions \setminus \{1777f761-164\} \\ node \mid folder \\ node \mid fold$ 68ad-4d8a-87bd-30b759fa33dd}[roamable]

Queries value:

68ad-4d8a-87bd-30b759fa33dd}[precreate]

Queries value:

68ad-4d8a-87bd-30b759fa33dd[stream]

Queries value:

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Oueries value:

68ad-4d8a-87bd-30b759fa33dd}[attributes]

Queries value:

68ad-4d8a-87bd-30b759fa33dd}[foldertypeid]

Queries value:

68ad-4d8a-87bd-30b759fa33dd}[initfolderhandler] HKCU\software\microsoft\windows\currentversion\explorer\user shell

Queries value: folders[favorites]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{52528a6b-microsoft \ windows \ current \ version \ explorer \ \ folder descriptions \ \ \{52528a6b-microsoft \ windows \ \ current \ \ \ \ \}$ b9e3-4add-b60d-588c2dba842d}[category]

b9e3-4add-b60d-588c2dba842d}[name1

Oueries value:

b9e3-4add-b60d-588c2dba842d}[parentfolder]

Queries value:

 $HKLM \label{lem:hklm} \\ KLM \label{lem:hklm} HKLM \label{lem:hklm} \\ KLM \label{lem:hklm}$  $b9e3\text{-}4add\text{-}b60d\text{-}588c2dba842d} \texttt{[description]}$ 

Oueries value:

b9e3-4add-b60d-588c2dba842d}[relativepath] Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{52528a6b-

b9e3-4add-b60d-588c2dba842d}[parsingname] Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{52528a6b-

b9e3-4add-b60d-588c2dba842d}[infotip] Queries value: 

b9e3-4add-b60d-588c2dba842d}[localizedname] Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ b9e3-4add-b60d-588c2dba842d}[icon] Oueries value:

b9e3-4add-b60d-588c2dba842d}[security] Queries value:  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{52528a6b-microsoft \ windows \ current \ version \ explorer \ \ folder descriptions \ \ \{52528a6b-microsoft \ windows \ \ current \ \ \ \ \}$ 

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b9e3-4add-b60d-588c2dba842d}[streamresourcetype] Oueries value: 

b9e3-4add-b60d-588c2dba842d}[localredirectonly]

Queries value:  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{52528a6b-microsoft \ windows \ current \ version \ explorer \ \ folder descriptions \ \ \{52528a6b-microsoft \ windows \ \ current \ \ \ \ \}$ 

 $\verb|b9e3-4add-b60d-588c2dba842d|[roamable]|$ Oueries value:

 $b9e3\text{-}4add\text{-}b60d\text{-}588c2dba842d} \texttt{[precreate]}$ 

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{52528a6bb9e3-4add-b60d-588c2dba842d}[stream]

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b9e3-4add-b60d-588c2dba842d}[publishexpandedpath]

Queries value:

b9e3-4add-b60d-588c2dba842d}[attributes]

Oueries value:

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b9e3-4add-b60d-588c2dba842d}[initfolderhandler]

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{8983036c-27c0-404b-8f08-102d10dcfd74}[category]

Queries value:

27c0-404b-8f08-102d10dcfd74}[name]

Queries value:

27c0-404b-8f08-102d10dcfd74}[parentfolder]

Oueries value:

 $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{8983036c-microsoft \ windows \ current \ version \ \}$ 27c0-404b-8f08-102d10dcfd74}[description]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{8983036c-27c0-404b-8f08-102d10dcfd74}[relativepath]

Queries value:

27c0-404b-8f08-102d10dcfd74}[parsingname]

27c0-404b-8f08-102d10dcfd74}[infotip]

Oueries value:

27c0-404b-8f08-102d10dcfd74}[localizedname]

Oueries value:

27c0-404b-8f08-102d10dcfd74}[icon]

Oueries value:

27c0-404b-8f08-102d10dcfd74}[security]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{8983036c-27c0-404b-8f08-102d10dcfd74}[streamresource]

Queries value:

27c0-404b-8f08-102d10dcfd74}[streamresourcetype]

Oueries value:

27c0-404b-8f08-102d10dcfd74}[localredirectonly]

Oueries value:

 $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{8983036c-microsoft \ windows \ current \ version \ \}$ 27c0-404b-8f08-102d10dcfd74}[roamable]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{8983036c-microsoft \ windows \ current \ version \ \}$ 27c0-404b-8f08-102d10dcfd74}[precreate]

27c0-404b-8f08-102d10dcfd74}[stream]

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27c0-404b-8f08-102d10dcfd74}[publishexpandedpath] Queries value:

27c0-404b-8f08-102d10dcfd74}[attributes]

Oueries value:

27c0-404b-8f08-102d10dcfd74}[foldertypeid]

Oueries value: HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{8983036c-27c0-404b-8f08-102d10dcfd74}[initfolderhandler]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{0482af6c-08f1-4c34-8c90-e17ec98b1e17}[category]

Queries value:

08f1-4c34-8c90-e17ec98b1e17}[name]

Queries value:

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Oueries value:

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08f1-4c34-8c90-e17ec98b1e17}[relativepath]

08f1-4c34-8c90-e17ec98b1e17}[parsingname] Oueries value: 

08f1-4c34-8c90-e17ec98b1e17}[infotip] Queries value:  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{0482 af6c-10482 af6c-1$ 

08f1-4c34-8c90-e17ec98b1e17}[localizedname] Oueries value:

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Oueries value:

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Queries value:

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Oueries value:

08f1-4c34-8c90-e17ec98b1e17}[localredirectonly]

08f1-4c34-8c90-e17ec98b1e17}[roamable]

Queries value:

08f1-4c34-8c90-e17ec98b1e17}[precreate]

Queries value:

08f1-4c34-8c90-e17ec98b1e17}[stream]

Oueries value:

 $HKLM \label{lem:hklm} White the latest and the la$ 08f1-4c34-8c90-e17ec98b1e17}[publishexpandedpath]

Oueries value:

 $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{0482 af6c-16482 af6c-$ 08f1-4c34-8c90-e17ec98b1e17}[attributes]

Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{0482af6c-08f1-4c34-8c90-e17ec98b1e17}[foldertypeid]

Queries value:

08f1-4c34-8c90-e17ec98b1e17}[initfolderhandler]

Queries value:

 $\label{thm:local-problem} HKLM \label{thm:local-problem} HKLM \label{thm:local-problem} Windows \label{thm:local-problem} \label{thm:local-problem} HKLM \label{thm:local-problem} Significant \label{thm:local-problem} HKLM \label{thm:local-problem} Significant \label{thm:local-problem} HKLM \label{thm:local-problem} Significant \label{thm:local-problem} HKLM \label{thm:local-problem} HKLM \label{thm:local-problem} Windows \label{thm:local-problem} Windows \label{thm:local-problem} Significant \label{thm:local-problem} Significant \label{thm:local-problem} Significant \label{thm:local-problem} HKLM \label{thm:local-problem} Significant \label{thm:local-problem} Windows \label{t$ 79f6-4cee-b725-dc34e402fd46}[category]

Queries value:

 $HKLM \label{lem:hklm} Which is a simple that the second content of the second content$ 79f6-4cee-b725-dc34e402fd46}[name]

Oueries value:

79f6-4cee-b725-dc34e402fd46}[parentfolder]

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ folds \ for the software \ \ \ for the software \ \ for the software \ \ for the software \ \ \ for the software \ \ \ for the software \ \ \ for the software \ \$ 79f6-4cee-b725-dc34e402fd46}[description]

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79f6-4cee-b725-dc34e402fd46}[parsingname]

Queries value:

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Oueries value:

 $HKLM \label{lem:hklm} Which is the latest and the$ 79f6-4cee-b725-dc34e402fd46}[localizedname]

Queries value:

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79f6-4cee-b725-dc34e402fd46}[security]

Oueries value:

 $HKLM \label{lem:hklm} Software \label{lem:hklm} Which is the software \label{lklm} Which is the software \label{lklm} Which is the so$ 79f6-4cee-b725-dc34e402fd46}[streamresource]

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Oueries value:

79f6-4cee-b725-dc34e402fd46}[localredirectonly]

Oueries value: HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{bcb5256f-

79f6-4cee-b725-dc34e402fd46}[roamable] Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{bcb5256f-

79f6-4cee-b725-dc34e402fd46}[precreate]

Queries value:  $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{bcb5256f-microsoft \ \ windows \ \ \ \ \}$ 79f6-4cee-b725-dc34e402fd46}[stream]

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Oueries value:

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Oueries value:

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a42d-4fef-9f26-b60e846fba4f}[localizedname]

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a42d-4fef-9f26-b60e846fba4f}[security]

Queries value:

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Oueries value:

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Oueries value:

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Queries value:

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Oueries value:

6d19-48d3-be97-422220080e43}[relativepath]

Queries value:

 $HKLM \label{lem:hklm} \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White \label{lkklm} White \label{lkklm} White \label{lkl$ 6d19-48d3-be97-422220080e43}[parsingname]

Oueries value:

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6d19-48d3-be97-422220080e43}[roamable] Oueries value:

6d19-48d3-be97-422220080e43}[precreate]

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Oueries value:

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6d19-48d3-be97-422220080e43}[foldertypeid]

Queries value:

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Queries value: folders[my music] HKCU\software\microsoft\windows\currentversion\explorer\user shell

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5ebc-4f02-a3a9-6c82895e5c04}[category]
               Queries value:
HKLM\software\w
                                                                                                                                               v6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{de61d971-
5ebc-4f02-a3a9-6c82895e5c04}[name]
             Queries value:
 HKLM \label{lem:hklm} White the latest and the la
 5ebc-4f02-a3a9-6c82895e5c04}[parentfolder]
             Oueries value:
HKLM \label{lem:hkk} In the latest and the latest
5ebc-4f02-a3a9-6c82895e5c04}[description]
               Queries value:
HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer \ \ folder descriptions \ \ \ \ de 61d971-de 71de \ \ de 71de \
5ebc-4f02-a3a9-6c82895e5c04}[relativepath]
5ebc-4f02-a3a9-6c82895e5c04}[parsingname]
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HKLM \label{lem:hklm} In the latest and the lates
5ebc-4f02-a3a9-6c82895e5c04}[infotip]
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Oueries value:

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Queries value:

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5ebc-4f02-a3a9-6c82895e5c04}[stream]

Oueries value:

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Oueries value:

 $HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{de61d971-d$ 5ebc-4f02-a3a9-6c82895e5c04}[attributes]

Oueries value:

 $\label{thm:hklm} HKL^{\tt}Mk software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {de61d971-$ 5ebc-4f02-a3a9-6c82895e5c04}[foldertypeid]

Queries value:

 $HKLM \label{lem:hkk} Which was a function of the sum of the sum$ 5ebc-4f02-a3a9-6c82895e5c04}[initfolderhandler]

Queries value:

c50a-4bb0-a382-697dcd729b80}[category] Queries value:

c50a-4bb0-a382-697dcd729b80}[name] Queries value:

c50a-4bb0-a382-697dcd729b80}[parentfolder] Oueries value:

c50a-4bb0-a382-697dcd729b80}[description] Queries value:

c50a-4bb0-a382-697dcd729b80}[relativepath]

c50a-4bb0-a382-697dcd729b80}[parsingname]

Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \colored \col$ c50a-4bb0-a382-697dcd729b80}[infotip]

Oueries value:

c50a-4bb0-a382-697dcd729b80}[localizedname]

Oueries value:

c50a-4bb0-a382-697dcd729b80}[icon]

Queries value:

c50a-4bb0-a382-697dcd729b80}[security]

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White \label{lkklm} White \label{$ c50a-4bb0-a382-697dcd729b80}[streamresource]

Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White \label{lkklm} White \label{$ c50a-4bb0-a382-697dcd729b80}[streamresourcetype]

Queries value:

 $HKLM \label{thm:local-prop} \begin{tabular}{ll} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop} \end{tabular} \begin{tabular}{ll} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop} \begin{tabular}{ll} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop} \begin{tabular}{ll} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop} \begin{tabular}{ll} HKLM \label{thm:local-prop} HKLM \label{thm:local-prop$ c50a-4bb0-a382-697dcd729b80}[localredirectonly]

Oueries value:

c50a-4bb0-a382-697dcd729b80}[roamable]

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \color= \c$ 

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \colored \c$ 

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current \version \explorer \folder descriptions \colored \$ 

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \colored a 382-697 dcd 729b80 \footnote{MLM} at ributes \footnote{MLM}. The substitution \colored a 4bb0-a382-697 dcd 729b80 \footnote{MLM} at ributes \footnote{MLM}. The substitution \colored a 4bb0-a382-697 dcd 729b80 \footnote{MLM} at ributes \footnote{MLM}. The substitution \colored a 4bb0-a382-697 dcd 729b80 \footnote{MLM} at ributes \footnote{MLMM} at ributes \footnote{MLMMM} at ributes \footnote{MLMM} at ributes \footnote{MLMMM} at ributes \footnote{MLMM} at ributes \footnote{MLMM} at ributes \footnote{MLMM} at ributes \footnote{MLMMM} at ributes \foot$ 

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \colored a 382-697 dcd 729b80 \folder type id \colored a 382-697 dcd 729b80 \folder \colored a 4bb0-a 382-697 dcd 729b80 \folder \colored \colored$ 

Oueries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \colored \c$ 

Queries value:

 $HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\{4d9f7874-4e0c-4904-967b-40b0d20c3e4b\}[category]}$ 

Queries value:

 $\label{thm:hkm} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \eqref{4d9f7874-4e0c-4904-967b-40b0d20c3e4b} \cite{Ad9f7874-4e0c-4904-967b-40b0d20c3e4b} \cite{Ad9f7874-4e0c-4904$ 

Queries value:

 $\label{thm:microsoftware} HK\dot{L} M\ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{4d9f7874-4e0c-4904-967b-40b0d20c3e4b\} \ [parent folder]$ 

Queries value:

 $\label{thm:local-continuous} HKLM \software \wow6432 node \mbox{$microsoft \windows \current version} \end{tabular} $$ 4d9f7874-4e0c-4904-967b-40b0d20c3e4b \[description] $$$ 

Queries value.

 $\label{thm:local-continuous} HKLM \software \wow6432 node \mbox{$microsoft \windows \current version \explorer \folder descriptions \folder \folder$ 

Queries value:

 $HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \fo$ 

Queries value:

 $\label{thm:local-continuous} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \eqref{4d9f7874-4e0c-4904-967b-40b0d20c3e4b} [infotip]$ 

Oueries value:

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 $\label{thm:hkm} HKLM software \noinder the constraint of the con$ 

Oueries value

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \explorer \folder descriptions \folder \fo$ 

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 $Queries\ value: \\ HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\footnote{100} \label{lem:hklm} \\ Add for the explorer\folderdescriptions\footnote{100} \label{lem:hklm} \\ Add for the explorer\folderdescriptions\footnote{100} \label{lem:hklm} \\ Add for the explorer\footnote{100} \label{lem:hklm} \\ Add for the explorer\footnote{1$ 

4e0c-4904-967b-40b0d20c3e4b}[localredirectonly]
Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{4d9f7874-

4eOc-4904-967b-40b0d2Oc3e4b}[roamable]
Queries value:

 $\label{thm:software} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \eqref{4d9f7874-4e0c-4904-967b-40b0d20c3e4b} [precreate]$ 

Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{4d9f7874-4e0c-4904-967b-40b0d20c3e4b}[stream]

Queries value:

Queries value.  $\label{thm:condition} $$HKLM\software\wow6432\node\microsoft\windows\currentversion\explorer\folderdescriptions\{4d9f7874-4e0c-4904-967b-40b0d20c3e4b\}[publishexpandedpath]}$ 

Queries value:

Queries value:

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

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current \version \explorer \folder descriptions \cal{Hdgf7874-4e0c-4904-967b-40b0d20c3e4b} [initfolder \handler]$ 

Queries value:

 $\label{thm:hkm} $$HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{1ac14e77-02e7-4e5d-b744-2eb1ae5198b7\}[category]$$ 

Queries value:

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

Queries value:

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \f$ 

Queries value

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \fine \f$ 

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \cal{lac14e77-02e7-4e5d-b744-2eb1ae5198b7} [parsing name]$ 

Queries value:

 $\label{limits} HKLM\software\wow6432 node\microsoft\windows\current version\explorer\folder descriptions\f(1ac14e77-02e7-4e5d-b744-2eb1ae5198b7)\[infotip]$ 

Queries value:

 $\label{thm:hklm} HKLM\software\space{-2mm} Wklm\software\space{-2mm} Wklm\space{-2mm} Wkl$ 

```
02e7-4e5d-b744-2eb1ae5198b7}[icon]
Queries value:
HKLM\software\w
       w6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{1ac14e77-
02e7-4e5d-b744-2eb1ae5198b7}[security]
Queries value:
02e7-4e5d-b744-2eb1ae5198b7}[streamresource]
Oueries value:
02e7-4e5d-b744-2eb1ae5198b7}[streamresourcetype]
Queries value:
02e7-4e5d-b744-2eb1ae5198b7}[localredirectonly]
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02e7-4e5d-b744-2eb1ae5198b7}[roamable]

Oueries value:

 $\label{thm:local_explorer_local} \begin{tabular}{l} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \folder$ 02e7-4e5d-b744-2eb1ae5198b7}[precreate]

Oueries value:

 $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{1ac14e77-$ 02e7-4e5d-b744-2eb1ae5198b7}[stream]

Oueries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{1ac14e77-1a$ 02e7-4e5d-b744-2eb1ae5198b7}[publishexpandedpath] Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{1ac14e77-02e7-4e5d-b744-2eb1ae5198b7}[attributes]

02e7-4e5d-b744-2eb1ae5198b7}[foldertypeid]

Queries value:

02e7-4e5d-b744-2eb1ae5198b7}[initfolderhandler]

Queries value:

2e2b-44c3-a6a2-aba601054a51}[category]

Oueries value:

 $HKLM \label{lem:hkk} In the latest and the latest$ 2e2b-44c3-a6a2-aba601054a51}[name]

Queries value:

2e2b-44c3-a6a2-aba601054a51}[parentfolder]

2e2b-44c3-a6a2-aba601054a51}[description]

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} H$ 2e2b-44c3-a6a2-aba601054a51}[relativepath]

Oueries value:

 $HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{a7775d77-microsoft\} \setminus folder descriptions \setminus \{a7775d77-microsoft\} \setminus \{a775d77-microsoft\} \setminus \{a775d7$ 2e2b-44c3-a6a2-aba601054a51}[parsingname]

Oueries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {a77f5d77-like the like the li$ 2e2b-44c3-a6a2-aba601054a51}[infotip] Oueries value:

 $HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{a77f5d77-b1424\} \\ node \setminus microsoft \setminus a7f5d77-b1424 \\ node \setminus microsoft \setminus a7f5d77-b1424 \\ node \setminus a7f5d7-b1424 \\ node \setminus a7f5d7-b$ 2e2b-44c3-a6a2-aba601054a51}[localizedname]

Queries value:

2e2b-44c3-a6a2-aba601054a51}[icon]

Queries value:

2e2b-44c3-a6a2-aba601054a51}[security] Queries value:

2e2b-44c3-a6a2-aba601054a51}[streamresource] Oueries value:

2e2b-44c3-a6a2-aba601054a51}[streamresourcetype] Oueries value:

2e2b-44c3-a6a2-aba601054a51}[localredirectonly]

2e2b-44c3-a6a2-aba601054a51}[roamable]

Oueries value:

 $HKLM \label{lem:hkk} In the latest and the latest$ 2e2b-44c3-a6a2-aba601054a51}[precreate] Oueries value:

 $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{a77f5d77-market and market and m$ 2e2b-44c3-a6a2-aba601054a51}[stream] Oueries value:

2e2b-44c3-a6a2-aba601054a51}[publishexpandedpath] Queries value:

2e2b-44c3-a6a2-aba601054a51}[attributes]

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label$ 2e2b-44c3-a6a2-aba601054a51}[foldertypeid]

Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lkklm} White \label{lkklm} HKLM \label{lkklm} White \label{lkklm} White \label{lkklm} HKLM \label{lkklm} White \label{lkklm} HKLM \label{lkklm} White \label{lkkklm} White \label{lkklm} White \labell} White \labell{lkklm} White \labell{lkklm} White \labell{lkklm} White \labell{lkklm} White \labell} White \labell{lkklm} Whi$ 2e2b-44c3-a6a2-aba601054a51}[initfolderhandler]

Queries value:

bbf8-452a-850d-79d08e667ca7}[category]

Oueries value:

bbf8-452a-850d-79d08e667ca7}[name]

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{0ac0837cbbf8-452a-850d-79d08e667ca7}[parentfolder]

Queries value:

HKLM\software\w /ow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{0ac0837c bbf8-452a-850d-79d08e667ca7}[description]

Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ bbf8-452a-850d-79d08e667ca7}[relativepath]

Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \folder \fol$ bbf8-452a-850d-79d08e667ca7}[parsingname]

Queries value:

bbf8-452a-850d-79d08e667ca7}[infotip]

bbf8-452a-850d-79d08e667ca7}[localizedname]

Oueries value:

 $HKLM \label{lem:hklm} Which is the large which is$ bbf8-452a-850d-79d08e667ca7}[icon]

Oueries value:

 $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{0ac 0837c-1647c$ bbf8-452a-850d-79d08e667ca7}[security]

Oueries value:

 $HK \dot{L} M \land software \land wow 6432 node \land microsoft \land windows \land current version \land explorer \land folder descriptions \land \{0 ac 0837 colored by the c$ bbf8-452a-850d-79d08e667ca7}[streamresource]

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKL$ bbf8-452a-850d-79d08e667ca7}[streamresourcetype]

bbf8-452a-850d-79d08e667ca7}[localredirectonly]

Queries value:

bbf8-452a-850d-79d08e667ca7}[roamable]

Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ bbf8-452a-850d-79d08e667ca7}[precreate]

Oueries value:

 $HKLM \label{limits} Which was considered as a constant of the second constant of the seco$ bbf8-452a-850d-79d08e667ca7}[stream]

Queries value:

bbf8-452a-850d-79d08e667ca7}[publishexpandedpath]

bbf8-452a-850d-79d08e667ca7}[attributes]

Oueries value:

 $bbf8-452a-850d-79d08e667ca7\} [foldertypeid]\\$ 

Oueries value:

 $HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \setminus folder descriptions \setminus \{0ac 0837 c-the content version \mid explorer \mid explorer \setminus folder version \mid explorer \setminus folder version \mid explorer \mid explorer \setminus folder \mid explorer \mid$ bbf8-452a-850d-79d08e667ca7}[initfolderhandler]

Oueries value:

 $HK \dot{L} M \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{do 384e7d-do 484e7d-do 484e7d-d$ bac3-4797-8f14-cba229b392b5}[category] Oueries value:

 $HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{d0384e7d-d148e7d-d1$ bac3-4797-8f14-cba229b392b5}[name] Queries value:

bac3-4797-8f14-cba229b392b5}[parentfolder] Queries value:

bac3-4797-8f14-cba229b392b5}[description] Queries value: 

bac3-4797-8f14-cba229b392b5}[relativepath]

Oueries value: bac3-4797-8f14-cba229b392b5}[parsingname]

Queries value:

bac3-4797-8f14-cba229b392b5}[infotip]

bac3-4797-8f14-cba229b392b5}[localizedname]

Oueries value:

bac3-4797-8f14-cba229b392b5}[icon]

Oueries value:

 $HK LM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{do384e7d-do384e7d$ bac3-4797-8f14-cba229b392b5}[security]

Oueries value:

 $HK \dot{L} M \land software \land wow 6432 node \land microsoft \land windows \land current version \land explorer \land folder descriptions \land \{d0384e7d-d1$ bac3-4797-8f14-cba229b392b5}[streamresource]

Queries value:

 $HKLM \label{limits} Which was the limit of the limit of$ bac3-4797-8f14-cba229b392b5}[streamresourcetype]

 $HKLM \label{lem:hklm} Which is a constant with the statement of the stat$ bac3-4797-8f14-cba229b392b5}[localredirectonly]

Queries value:

 $HKLM \label{lem:hklm} Which is a constant with the statement of the stat$ bac3-4797-8f14-cba229b392b5}[roamable]

Queries value:

 $\label{thm:hklm} \textbf{HKLM} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| (d0384e7d-1000) and the second context of the seco$ bac3-4797-8f14-cba229b392b5}[precreate]

Oueries value:

bac3-4797-8f14-cba229b392b5}[stream]

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{d0384e7dbac3-4797-8f14-cba229b392b5}[publishexpandedpath]

Queries value:

bac3-4797-8f14-cba229b392b5}[attributes]

Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ bac3-4797-8f14-cba229b392b5}[foldertypeid]

Oueries value:

 $HKLM \label{limits} Which was considered as the constant of the constant of$ bac3-4797-8f14-cba229b392b5}[initfolderhandler]

Queries value:

9cd2-4a93-9733-46cc89022e7c}[category]

Queries value:

9cd2-4a93-9733-46cc89022e7c}[name]

Oueries value:

 $HKLM \label{lem:hklm} Software \label{lem:hklm} Which is the last of the las$ 9cd2-4a93-9733-46cc89022e7c}[parentfolder]

Oueries value:

9cd2-4a93-9733-46cc89022e7c}[description]

Oueries value:

9cd2-4a93-9733-46cc89022e7c}[relativepath]

Oueries value:

 $HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{7b0db17d-12b142\} \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus version \setminus explorer \setminus folder \\ node \setminus microsoft \setminus explorer \setminus folder \\ node \setminus microsoft \setminus microsoft \setminus explorer \setminus folder \\ node \setminus microsoft \setminus micr$ 9cd2-4a93-9733-46cc89022e7c}[parsingname]

9cd2-4a93-9733-46cc89022e7c}[infotip]

Queries value:

9cd2-4a93-9733-46cc89022e7c}[localizedname]

Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ 9cd2-4a93-9733-46cc89022e7c}[icon]

Oueries value:

 $HKLM \label{limits} Which was current version \explorer \folder descriptions \folder \fo$ 9cd2-4a93-9733-46cc89022e7c}[security]

Queries value:

9cd2-4a93-9733-46cc89022e7c}[streamresource]

9cd2-4a93-9733-46cc89022e7c}[streamresourcetype]

Oueries value:

Oueries value:

 $HKLM \label{lem:hkk} Which was considered as the sum of the sum$  $9cd2-4a93-9733-46cc89022e7c\} [local redirectonly] \\$ 

 $HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7b0db17d-14b17d-14b18\} \setminus \{7b0db17d-14b18\} \setminus \{7b0db17d-1$ 9cd2-4a93-9733-46cc89022e7c}[roamable] Oueries value:

 $HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{7b0db17d-10de \} \setminus \{7b0db17d-10de \}$ 9cd2-4a93-9733-46cc89022e7c}[precreate] Oueries value:

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Oueries value:

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

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Oueries value:

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Queries value:

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1fb8-4f30-9b45-f670235f79c0}[category] Oueries value:  $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKL$ 

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Queries value:

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Oueries value:

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1780-4ff6-bd18-167343c5af16}[name] Oueries value:

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1780-4ff6-bd18-167343c5af16}[parentfolder] Oueries value:  $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} H$ 

1780-4ff6-bd18-167343c5af16}[description]

Queries value: 1780-4ff6-bd18-167343c5af16}[relativepath]

Queries value:

1780-4ff6-bd18-167343c5af16}[parsingname]

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1780-4ff6-bd18-167343c5af16}[infotip]

Oueries value:

 $HKLM \label{limits} Which was considered a constant of the second constant of the second$ 1780-4ff6-bd18-167343c5af16}[localizedname]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{a520a1a4-1780-4ff6-bd18-167343c5af16}[icon]

Queries value:

1780-4ff6-bd18-167343c5af16}[security]

Queries value:

1780-4ff6-bd18-167343c5af16}[streamresource]

Queries value:

1780-4ff6-bd18-167343c5af16}[streamresourcetype]

Oueries value:

1780-4ff6-bd18-167343c5af16}[localredirectonly]

Oueries value:

1780-4ff6-bd18-167343c5af16}[roamable]

Queries value:

1780-4ff6-bd18-167343c5af16}[precreate]

1780-4ff6-bd18-167343c5af16}[stream] Queries value:

1780-4ff6-bd18-167343c5af16}[publishexpandedpath]

Oueries value:

1780-4ff6-bd18-167343c5af16}[attributes]

Queries value:

1780-4ff6-bd18-167343c5af16}[foldertypeid]

Queries value:

1780-4ff6-bd18-167343c5af16}[initfolderhandler]

Queries value:

f1d6-4259-baa8-78e7ef60835e}[category]

Oueries value:

 $HKLM \label{lem:hkkkk} In the large larg$ f1d6-4259-baa8-78e7ef60835e}[name]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{aaa8d5a5f1d6-4259-baa8-78e7ef60835e}[parentfolder]

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f1d6-4259-baa8-78e7ef60835e}[description]

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 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \lab$ f1d6-4259-baa8-78e7ef60835e}[relativepath]

Queries value:

f1d6-4259-baa8-78e7ef60835e}[parsingname]

Queries value:

f1d6-4259-baa8-78e7ef60835e}[infotip]

Oueries value:

 $\label{thm:local-continuous} HKLM \software \wow 6432 node \verb|microsoft| windows \current version \explorer \folder descriptions \folds \fold$ f1d6-4259-baa8-78e7ef60835e}[localizedname]

Queries value:

f1d6-4259-baa8-78e7ef60835e}[icon]

Queries value:

f1d6-4259-baa8-78e7ef60835e}[security]

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f1d6-4259-baa8-78e7ef60835e}[streamresource]

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 $HKLM \label{lem:hkkkk} In the large larg$ f1d6-4259-baa8-78e7ef60835e}[streamresourcetype]

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{aaa8d5a5f1d6-4259-baa8-78e7ef60835e}[localredirectonly]

Queries value:

f1d6-4259-baa8-78e7ef60835e}[roamable] Queries value:

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f1d6-4259-baa8-78e7ef60835e}[attributes] Queries value:

f1d6-4259-baa8-78e7ef60835e}[foldertypeid]

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f1d6-4259-baa8-78e7ef60835e}[initfolderhandler]

Queries value:

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Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \folder \folder$ e7bd-49a9-b74d-02885a5dc765}[name]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{b88f4daae7bd-49a9-b74d-02885a5dc765}[parentfolder]

Queries value:

e7bd-49a9-b74d-02885a5dc765}[description]

Queries value:

 $\label{thm:local-problem} HKLM \label{thm:local-problem} It is a few and the local problem of the local problem$ e7bd-49a9-b74d-02885a5dc765}[relativepath] Queries value:

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Oueries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{b88f4daa-fine and the statement of the statement$ e7bd-49a9-b74d-02885a5dc765}[infotip]

Oueries value:

 $HKLM \label{limits} Which was the limits of the limits o$ e7bd-49a9-b74d-02885a5dc765}[localizedname]

Queries value:

e7bd-49a9-b74d-02885a5dc765}[icon]

e7bd-49a9-b74d-02885a5dc765}[securitv]

Queries value:

 $\label{thm:hklm} HKL^{\tt Mklm} software \verb|\wow6432| node \verb|\windows\currentversion\explorer| folder descriptions \verb|\kloser| folder descriptions| folder descriptions \verb|\kloser| folder descriptions| folder descriptions explorer| folder descriptions \verb|\kloser| folder descriptions explorer| folder descriptions| folder descriptio$ e7bd-49a9-b74d-02885a5dc765}[streamresource]

Oueries value:

e7bd-49a9-b74d-02885a5dc765}[streamresourcetype]

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Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \folder \folder$ e7bd-49a9-b74d-02885a5dc765}[stream]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{b88f4daae7bd-49a9-b74d-02885a5dc765}[publishexpandedpath]

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 $HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{b8864 \\ dameter \} \\ folder \\ descriptions$ e7bd-49a9-b74d-02885a5dc765}[attributes]

Queries value:

 $HKLM \label{lem:hklm} Which is a constant with the constant of the constant$ e7bd-49a9-b74d-02885a5dc765}[foldertypeid]

Queries value:

e7bd-49a9-b74d-02885a5dc765}[initfolderhandler]

Queries value:

5812-4b87-bfd0-4cd0dfb19b39}[category]

Oueries value:

 $HKLM \label{lem:hklm} In the latest and the lates$ 5812-4b87-bfd0-4cd0dfb19b39}[name]

Queries value:

5812-4b87-bfd0-4cd0dfb19b39}[parentfolder]

Queries value:

 $5812\text{-}4b87\text{-}bfd0\text{-}4cd0dfb19b39} \texttt{[description]}$ 

Queries value:

 $5812\text{-}4b87\text{-}bfd0\text{-}4cd0dfb19b39} \texttt{[relative path]}$ 

Oueries value:

 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \label{limits} Label{limits} HKLM \label{limits} HKLM \label{limits}$ 5812-4b87-bfd0-4cd0dfb19b39}[parsingname]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2c36c0aa-5812-4b87-bfd0-4cd0dfb19b39}[infotip]

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5812-4b87-bfd0-4cd0dfb19b39}[localizedname]

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5812-4b87-bfd0-4cd0dfb19b39}[localredirectonly]

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5812-4b87-bfd0-4cd0dfb19b39}[precreate]

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Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{2c36c0aa-5812-4b87-bfd0-4cd0dfb19b39}[publishexpandedpath]

Queries value:

5812-4b87-bfd0-4cd0dfb19b39}[attributes]

Queries value:

5812-4b87-bfd0-4cd0dfb19b39}[foldertypeid]

Queries value:

 $HKLM \label{lem:hklm} Which is a simple with the simple with$ 5812-4b87-bfd0-4cd0dfb19b39}[initfolderhandler]

Oueries value:

1f9c-4f13-b827-48b24b6c7174}[category]

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 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{9e3995ab-10e49266666, which is a support of the property of the$ 1f9c-4f13-b827-48b24b6c7174}[name]

Queries value:

1f9c-4f13-b827-48b24b6c7174}[parentfolder]

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1f9c-4f13-b827-48b24b6c7174}[description]
Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{9e3995ab-1f9c-4f13-b827-48b24b6c7174}[relativepath]
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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{9e3995ab-1f9c-4f13-b827-48b24b6c7174}[parsingname]
Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{9e3995ab-1f9c-4f13-b827-48b24b6c7174}[infotip]
Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{9e3995ab-1f9c-4f13-b827-48b24b6c7174}[infotip]
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Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \eqref{9e3995ab-1f9c-4f13-b827-48b24b6c7174} [icon]$ 

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 $\label{tk.m.software} HKLM \software \wow6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \fold$ 

Queries value:

 $\label{thm:local-ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \equal 19c-4f13-b827-48b24b6c7174 \[ \stream resource \]$ 

Queries value:

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

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Queries value:

 $\label{thm:local-problem} HKL\begin{tabular}{l} HKL\begin{tabula$ 

Queries value:

 $\label{thm:local-basis} HK \dot{L} M \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{9e3995ab-1f9c-4f13-b827-48b24b6c7174\} \ [stream]$ 

Queries value:

 $\label{thm:local-bound} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \end{49e3995} ab-1f9c-4f13-b827-48b24b6c7174 [publish expanded path]$ 

Queries value:

 $\label{thm:local-basis} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \gamma for each of the property of$ 

Queries value:

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Oueries value:

 $\label{thm:hklm} $$HKLM\software\wow6432\node\microsoft\windows\currentversion\explorer\folderdescriptions\{9e3995ab-1f9c-4f13-b827-48b24b6c7174\}[initfolderhandler]}$ 

Queries value:

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Queries value:

 $\label{thm:local-bound} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folder descriptions\folder 4867-8d55-3bd661 de872d\folder\fol$ 

Queries value:

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 $\label{thm:local-problem} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folder descriptions \eqref{df7266} ac-9274-4867-8d55-3bd661 de872d\footnote{description}.$  Oueries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{df7266ac-9274-4867-8d55-3bd661de872d}[relativenath]

9274-4867-8d55-3bd661de872d}[relativepath]
Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{df7266ac-

9274-4867-8d55-3bd661de872d}[parsingname]
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VGLTC3 volume Wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{df7266ac-9274-4867-8d55-3bd661de872d}[infotip]

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Queries value

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

9274-4867-8d55-3bd661de872d} [attributes]

Queries value:

 $\label{thm:hklm} Hk \Label{thm:hklm} Limin to the highest description of the highest description of$ 9274-4867-8d55-3bd661de872d}[foldertypeid]

Oueries value:

9274-4867-8d55-3bd661de872d}[initfolderhandler]

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dce4-45a8-81e2-fc7965083634}[category]

dce4-45a8-81e2-fc7965083634}[name]

Queries value:

dce4-45a8-81e2-fc7965083634}[parentfolder]

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 $HKLM \label{limits} Which was considered as the sum of the sum o$ dce4-45a8-81e2-fc7965083634}[description]

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HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{ed4824afdce4-45a8-81e2-fc7965083634}[relativepath]

Queries value:

dce4-45a8-81e2-fc7965083634}[parsingname]

Queries value:

 $HKLM \label{lem:hklm} Which is a constant with the second constant wi$ dce4-45a8-81e2-fc7965083634}[infotip]

Queries value:

dce4-45a8-81e2-fc7965083634}[localizedname]

Queries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {ed4824af-plane | folderdescriptions| {ed482af-plane | folderdescriptions| {ed482af-p$ dce4-45a8-81e2-fc7965083634}[icon]

Oueries value:

dce4-45a8-81e2-fc7965083634}[security]

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 $\tt dce4-45a8-81e2-fc7965083634\}[local redirectonly]$ 

Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \equal to the description \equal to the lemma such that the lemm$ dce4-45a8-81e2-fc7965083634}[roamable]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{ed4824afdce4-45a8-81e2-fc7965083634}[precreate]

Queries value:

dce4-45a8-81e2-fc7965083634}[stream]

Queries value:

 $HKLM \label{lem:hklm} Which is a constant with the second constant wi$ dce4-45a8-81e2-fc7965083634}[publishexpandedpath] Queries value:

dce4-45a8-81e2-fc7965083634}[attributes] Oueries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {ed4824af-plane | folderdescriptions| {ed482af-plane | folderdescriptions| {ed482af-p$ dce4-45a8-81e2-fc7965083634}[foldertypeid] Oueries value:  $HKLM \label{limits} Which was considered a constraint of the description of the descriptions of the descriptions of the descriptions of the descriptions of the description of the des$ 

dce4-45a8-81e2-fc7965083634}[initfolderhandler] Queries value: 

b2f1-4857-a4ce-a8e7c6ea7d27}[category] Queries value: 

b2f1-4857-a4ce-a8e7c6ea7d27}[name]

Queries value: 

b2f1-4857-a4ce-a8e7c6ea7d27}[parentfolder]

Oueries value:  $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \folder \folder$ 

b2f1-4857-a4ce-a8e7c6ea7d27}[description] Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{d65231b0b2f1-4857-a4ce-a8e7c6ea7d27}[relativepath]

b2f1-4857-a4ce-a8e7c6ea7d27}[parsingname]

Queries value:

b2f1-4857-a4ce-a8e7c6ea7d27}[infotip]

Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ b2f1-4857-a4ce-a8e7c6ea7d27}[localizedname]

Oueries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{d65231b0-d6525000-d6525000-d6525000-d6525000-d652000-d65$ b2f1-4857-a4ce-a8e7c6ea7d27}[icon]

Oueries value:

b2f1-4857-a4ce-a8e7c6ea7d27}[security]

Queries value:

b2f1-4857-a4ce-a8e7c6ea7d27}[streamresource]

b2f1-4857-a4ce-a8e7c6ea7d27}[streamresourcetype] Queries value: b2f1-4857-a4ce-a8e7c6ea7d27}[localredirectonly] Oueries value: b2f1-4857-a4ce-a8e7c6ea7d27}[roamable] Queries value: b2f1-4857-a4ce-a8e7c6ea7d27}[precreate]

Queries value: b2f1-4857-a4ce-a8e7c6ea7d27}[stream]

Queries value:

 $b2f1\text{-}4857\text{-}a4ce\text{-}a8e7c6ea7d27} \texttt{[publishexpandedpath]}$ 

Oueries value:

 $HKLM \label{lem:hkkkk} Which was current version \explorer \folder descriptions \folder \folder$ b2f1-4857-a4ce-a8e7c6ea7d27}[attributes]

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{d65231b0b2f1-4857-a4ce-a8e7c6ea7d27}[foldertypeid]

Queries value:

 $HKLM \setminus software \setminus wow6432 \\ node \setminus microsoft \setminus windows \setminus current \\ version \setminus explorer \setminus folder \\ descriptions \setminus \{d65231b0-d1011, d1011, d101$ b2f1-4857-a4ce-a8e7c6ea7d27}[initfolderhandler]

Queries value:

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Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{008 ca0b1-microsoft \ word \ node \ nod$ 55b4-4c56-b8a8-4de4b299d3be}[name]

Queries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{008ca0b1-parametersion, and the second seco$ 55b4-4c56-b8a8-4de4b299d3be}[parentfolder]

Oueries value:

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Queries value:

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Queries value:

55b4-4c56-b8a8-4de4b299d3be}[infotip]

Oueries value:

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Queries value:

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Queries value:

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Queries value:

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 $\label{thm:hklm} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{008ca0b1-parametersion, and the second seco$ 55b4-4c56-b8a8-4de4b299d3be}[localredirectonly] Oueries value: 

55b4-4c56-b8a8-4de4b299d3be}[roamable] Queries value: 

55b4-4c56-b8a8-4de4b299d3be}[precreate]

Queries value: 

55b4-4c56-b8a8-4de4b299d3be}[stream]

Queries value:  $HKLM \label{lem:hklm} White the latest and the la$ 55b4-4c56-b8a8-4de4b299d3be}[publishexpandedpath]

Oueries value:

 $HKLM \label{limits} Which was considered as a constant of the second constant of the seco$ 55b4-4c56-b8a8-4de4b299d3be}[attributes]

Queries value:

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Queries value:

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Oueries value:

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Oueries value:

9757-4298-bb61-92a9deaa44ff}[description]

Queries value:

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9757-4298-bb61-92a9deaa44ff}[parsingname] Queries value: 9757-4298-bb61-92a9deaa44ff}[infotip] Oueries value: HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{3214fab5-9757-4298-bb61-92a9deaa44ff}[localizedname] Queries value: 9757-4298-bb61-92a9deaa44ff}[icon] 9757-4298-bb61-92a9deaa44ff}[security]

Queries value:

 $HKLM \label{lem:hklm} In the label{lem:hklm} HKLM \label{lem:hklm} Which is the label{lem:hklm} Which is the label{lem:hkklm} Which is$  $9757\text{-}4298\text{-}bb61\text{-}92a9deaa44ff} \texttt{[streamresource]}$ 

Oueries value:

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Queries value:

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Queries value:

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Queries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432node\microsoft\windows\currentversion\end{|linearize} explorer \verb|\folderdescriptions\filled| for the software \verb|\folderdescriptions\fill$ 9757-4298-bb61-92a9deaa44ff}[publishexpandedpath]

Oueries value:

9757-4298-bb61-92a9deaa44ff}[attributes]

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Queries value: 

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 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label$ ae11-4ae3-864c-16f3910ab8fe}[relativepath] Queries value:

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 $\label{thm:hamman} HKL^{M} software \verb|\wow6432| node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {fd228cb7-pd6432| node \verb|\microsoft| fd228cb7-pd6432| node \verb|\microsoft| fd228cb7-$ 

ae11-4ae3-864c-16f3910ab8fe}[infotip] Oueries value: 

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Queries value: ae11-4ae3-864c-16f3910ab8fe}[icon]

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 $\label{thm:hklm} HKLM \label{thm:hklm} KLM \label{thm:hklm} Which is the software \label{thm:h$ ae11-4ae3-864c-16f3910ab8fe}[precreate]

Queries value:

ae11-4ae3-864c-16f3910ab8fe}[stream]

Oueries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\fifted\fifthgpub. The property of the property$  $ae11-4ae3-864c-16f3910ab8fe \} \hbox{\tt [publishexpandedpath]}$ Oueries value:

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 $\label{thm:hklm} HKL^{\tt Mklm} software \verb|\www6432node\microsoft\windows\currentversion\end{|linearize} explorer \verb|\folderdescriptions\fill{|linearize} head of the property of the property$ f46a-4c97-ba10-5e3608430854}[streamresource]

Oueries value:

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 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} White \label{lem:hkklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lkklm} White \label{lkklm} White \label{lkklm} White \label{lkklm} White \label{lkklm} White$ f46a-4c97-ba10-5e3608430854}[foldertypeid] Queries value:

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 $\label{thm:hamman} HKL^{M} software \verb|\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\earth{|} \{625b53c3-barrentversion\earth{|} \{625b53c3-barrentve$ ab48-4ec1-ba1f-a1ef4146fc19}[category] Oueries value:

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ab48-4ec1-ba1f-a1ef4146fc19}[name] Queries value: 

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Queries value: 

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 $HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HK$ ab48-4ec1-ba1f-a1ef4146fc19}[initfolderhandler]

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Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:h$ 5ca8-4905-ae3b-bf251ea09b53}[parentfolder]

Queries value:

5ca8-4905-ae3b-bf251ea09b53}[description]

Queries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432node\microsoft\windows\currentversion\end{|linearize} explorer \verb|\folderdescriptions\filled| for the property of the property of$ 5ca8-4905-ae3b-bf251ea09b53}[relativepath]

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 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lem:h$ 5ca8-4905-ae3b-bf251ea09b53}[localredirectonly] Queries value:

5ca8-4905-ae3b-bf251ea09b53}[roamable] Oueries value:

 $\label{thm:hklm} HKL^{M} software \verb|\wow6432node\microsoft\windows\currentversion\end{|linearize} explorer \verb|\folderdescriptions\filled| for the property of the property of$ 

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Queries value:

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837f-4f69-a3bb-86e631204a23}[description]

Oueries value:

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Oueries value:

837f-4f69-a3bb-86e631204a23}[parsingname]

Queries value:

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837f-4f69-a3bb-86e631204a23}[localizedname]

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Queries value:

 $\label{thm:main} HK\dot{L} which is the software which is the softw$ 

Queries value:

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Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current \version \explorer \folder descriptions \folder \$ 

Queries value:

 $\label{thm:ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \eqref{de92c1c7-837f-4f69-a3bb-86e631204a23} \ [roamable]$ 

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 $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{de 92c1c7-837f-4f69-a3bb-86e631204a23\} [precreate]$ 

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \f$ 

Queries value:

 $\label{lem:hklmsoftwarewow6432} HKLM \software \wow6432 node \since \s$ 

Queries value:

 $\label{thm:local-bound} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \end{deg} $$469-a3bb-86e631204a23 [attributes] $$469-a3bb-86e631204 [attributes] $$469$ 

Queries value:

 $\label{thm:local-problem} HK\dot{L}M\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\folder\folderdescriptions\folder\fold$ 

Queries value:

 $\label{thm:local-bound} HKLM \software \swow6432 node \swow6432$ 

Queries value:

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

Queries value:

 $\label{thm:local-decomposition} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \footnote{10c07cd0-ef91-4567-b850-448b77cb37f9} \cite{10c07cd0-ef91-4567-b850-448b77cb37f9} \cite{10c07cd0-ef91-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-4567-b850-$ 

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \cite{thmosoftware} folder \folder \fill \fill \cite{thmosoftware} folder \folder \folder\folder \folder \folder \folder \folder \folder \folder \folder \$ 

Oueries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \f$ 

Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \current version \explorer \folder descriptions \current \current$ 

ef91-4567-b850-448b77cb37f9}[parsingname] Queries value:

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Queries value:  $HKLM \setminus Software \setminus Wow6432 \cap Software \setminus Software \setminus$ 

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Queries value:

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Queries value:

 $HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \cdoef 91-4567-b850-448b77cb37f9 \[local redirect only]$ 

Queries value:

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

Queries value: KLM\software

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 $\label{thm:hammon} HKL \\ M\software \wow6432 node \wicrosoft \windows \current version \explorer \folder descriptions \explorer \folder descriptions \folder \folder$ 

Queries value

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Queries value:

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 $HKL M \ software \ wow 6432 node \ microsoft \ windows \ current version \ \ explorer \ \ folder descriptions \ \ \{10c07cd0-ef91-4567-b850-448b77cb37f9\} [initfolder handler]$ 

Queries value:

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Queries value

 $\label{thm:continuous} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folds folds ado-description \explorer \folds for the description \explor$ 

238f-46af-adh4-6c85480369c7}[name] Queries value:  $\label{thm:hklm} Hk \L^{M} software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \folder \mbox{fdd39ad0-explorer}. \label{thm:hklm}$ 238f-46af-adb4-6c85480369c7}[parentfolder] Oueries value:  $HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus fdd 39ad 0-1000 + 100000 + 100000 + 100000 + 100000 + 100000 + 100000 + 100000 + 100000 + 1000000$ 238f-46af-adb4-6c85480369c7}[description] Queries value: 238f-46af-adb4-6c85480369c7}[relativepath] 

238f-46af-adb4-6c85480369c7}[parsingname]

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Queries value:

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Queries value:

 $HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} White \label{lem:hkklm} HKLM \label{lem:hkklm} White \label{lkklm} White \label{l$ 238f-46af-adb4-6c85480369c7}[streamresource]

Queries value:

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Oueries value:

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Queries value:

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Oueries value:

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Queries value:

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 $HKLM \label{lem:hkkk} In the large that the large$ e7ca-4fdb-9148-0f4247291cfa}[foldertypeid]

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Queries value:

2219-4a67-b85d-6c9ce15660cb}[precreate]

Oueries value:

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Oueries value:

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                                                                                                        v6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{4c5c32ff-
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          Queries value:
                                                                                                                                                        \label{thm:linear} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \shell \end{tabular}
 extensions\cached[{dffacdc5-679f-4156-8947-c5c76bc0b67f} {add8ba80-002b-11d0-8f0f-00c04fd7d062}
0xffff1
         Queries value:
                                                                                                                                                         HKCR \setminus wow6432 node \\ clsid \\ \{dffacdc5-679f-4156-8947-c5c76bc0b67f\}[]
                                                                                                                                                        HKCR\wow6432node\clsid\{dffacdc5-679f-4156-8947-
          Queries value
c5c76bc0b67f}\inprocserver32[inprocserver32]
                                                                                                                                                        HKCR\wow6432node\clsid\{dffacdc5-679f-4156-8947-
         Queries value:
c5c76bc0b67f}\inprocserver32[threadingmodel]
          Queries value:
                                                                                                                                                        HKCR\wow6432node\clsid\{dffacdc5-679f-4156-8947-
 c5c76bc0b67f}\instance[clsid]
                                                                                                                                                        HKCR\wow6432node\clsid\{0e5aae11-a475-4c5b-ab00-
          Queries value:
 c66de400274e}\inprocserver32[]
```

```
c66de400274e}\inprocserver32[loadwithoutcom]
                                                               HKCR\wow6432node\clsid\{0e5aae11-a475-4c5b-ab00-c66de400274e}[]
     Queries value:
     Queries value:
                                                               HKCR\wow6432node\clsid\{0e5aae11-a475-4c5b-ab00-
 c66de400274e}\inprocserv
                                                              er32[inprocserver32]
                                                              HKCR\wow6432node\clsid\{0e5aae11-a475-4c5b-ab00-
     Oueries value:
c66de400274e}\inprocserver32[threadingmodel]
                                                               HKCR\wow6432node\clsid\{dffacdc5-679f-4156-8947-
c5c76bc0b67f}\instance\initpropertybag[attributes]
Queries value: HKCR\wow6432node\clsid\{dffacdc5-679f-4156-8947-
c5c76bc0b67f}\instance\initpropertybag[descriptionid]
                                                               HKCR\wow6432node\clsid\{dffacdc5-679f-4156-8947-
 c5c76bc0b67f}\instance\initpropertybag[helptopic]
                                                              HKCR\wow6432node\clsid\{dffacdc5-679f-4156-8947-
    Oueries value:
 c5c76bc0b67f}\instance\initpropertybag[recursivesearch]
                                                              HKCR\wow6432node\clsid\{dffacdc5-679f-4156-8947-
c5c76bc0b67f}\instance\initpropertybag[targetknownfolder]
Queries value: HKCR\exefile[nostaticdefaultverb]
                                                               HKCR\exefile\shell[]
     Oueries value:
                                                              HKCR\exefile\shell\open[neverdefault]
     Queries value:
     Queries value:
                                                              HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_localmachine_lockdown[install.exe]
                                                              HKLM\software\wow6432node\microsoft\internet
     Queries value:
 explorer \verb|\main| featurecontrol| feature\_local machine\_lock down[install.exe]|
                                                              HKLM\software\wow6432node\microsoft\internet
     Oueries value:
 explorer\main\featurecontrol\feature_protocol_lockdown[install.exe]
     Queries value:
                                                               HKLM\software\microsoft\sqmclient\windows\disabledprocesses[93f7aa7b]
     Queries value:
                                                               {\tt HKCR} \verb| exefile \verb| shell \verb| open[dontreturn process handle]|
                                                              HKLM\software\wow6432node\microsoft\windows
     Oueries value:
nt\currentversion\compatibility32[msmpeng]
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} $$ KLM \end{tabular} $$ is software \end{tabular} $$ one that $$ is software \end{tabular} $$ is software \end{tabula
                                                              HKLM\software\wow6432node\microsoft\internet
    Queries value:
 explorer\main\featurecontrol\feature_legacy_dispparams[flashplayer18_a_install.exe]
                                                              HKLM\software\wow6432node\microsoft\internet
     Queries value:
explorer\main\featurecontrol\feature_legacy_dispparams[*]
Queries value: HKLM\software\policies\microsoft\windows\system[copyfilechunksize]
                                                               HKLM\software\policies\microsoft\windows\system[copyfileoverlappedcount]
     Queries value:
     Queries value:
                                                              HKLM\software\wow6432node\microsoft\internet
 explorer \verb|\main\feature| control \verb|\feature| caching[flashplayer18\_a\_install.exe]|
     Queries value:
                                                              HKLM\software\wow6432node\microsoft\internet
 explorer\main\featurecontrol\feature_object_caching[*]
     Queries value:
                                                              HKLM\software\microsoft\internet explorer\registration[productid]
     Oueries value:
                                                              HKLM\software\wow6432node\microsoft\internet
 explorer\main\featurecontrol\feature_document_compatible_mode[flashplayer18_a_install.exe]
     Queries value:
                                                              HKLM\software\wow6432node\microsoft\internet
 \verb| explorer\main\featurecontrol\feature_document_compatible_mode[*]|
     Oueries value:
                                                               HKLM\system\currentcontrolset\control\samservicelist[samservicelist]
     Queries value:
                                                               HKLM\system\currentcontrolset\control\wmi\security[9e3b3947-ca5d-4614-
91a2-7b624e0e7244]
     Queries value:
                                                              HKLM\system\currentcontrolset\control\wmi\security[7f8e35ca-68e8-41b9-
86fe-d6adc5b327e7]
                                                               HKLM\software\wow6432node\microsoft\internet explorer\application
     Oueries value:
 compatibility[flashplayer18_a_install.exe]
                                                              HKCU\software\microsoft\internet explorer\domstorage[totallimit] HKCU\software\microsoft\internet explorer\domstorage[domainlimit]
    Queries value:
Queries value:
                                                               HKU\.default\control panel\desktop[preferreduilanguages]
     Queries value:
     Queries value:
                                                              HKU\.default\control
panel\desktop\muicached[machinepreferreduilanguages]
                                                               HKU\.default\control panel\international[scurrencyoverride]
     Queries value:
                                                               HKLM\software\microsoft\windows\currentversion\policies\ratings[key]
     Queries value:
     Oueries value:
                                                              HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature browser emulation[flashplayer18 a install.exel
                                                              HKLM\software\wow6432node\microsoft\internet
     Queries value:
 \verb|explorer\main\featurecontrol\feature_browser_emulation[*]|
     Oueries value:
                                                              HKCU\software\microsoft\windows\currentversion\internet
settings[urlencoding]
    Queries value:
                                                               HKCU\software\microsoft\internet
 explorer \verb|\main| featurecontrol| feature\_local machine\_lock down[flashplayer 18\_a\_install.exe]|
                                                              HKLM\software\wow6432node\microsoft\internet
    Oueries value:
explorer\main\featurecontrol\feature_localmachine_lockdown[flashplayer18_a_install.exe]
                                                               HKLM\software\wow6432node\microsoft\windows
nt\currentversion\compatibility32[svchost]
    Oueries value:
 HKLM\software\microsoft\windows\currentversion\policies\explorer[confirmfiledelete]
HKCU\software\microsoft\windows\currentversion\explorer\user shell
    Oueries value:
 folders[start menu]
                                                               HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\user
     Queries value:
 shell folders[common start menu]
                                                              HKCU\software\microsoft\windows\currentversion\explorer\user shell
     Oueries value:
 folders[recent]
    Queries value:
                                                               HKLM\system\currentcontrolset\control\session
manager[safeprocesssearchmode]
                                                               \label{thm:hammon} \verb+HKLM\software\microsoft\ole\appcompat[raisedefaultauthnlevel]+ on the property of the p
     Queries value:
     Queries value:
                                                               HKLM\software\microsoft\ole[defaultaccesspermission]
     Queries value:
                                                              HKLM \setminus system \setminus current control \setminus lsa[everyone includes an onymous]
     Oueries value:
HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HKLM \label{limits} Which \label{limits} HKLM \label{limits} HK
provider[type]
     Oueries value:
HKLM\software\wow6432node\microsoft\cryptography\defaults\provider\microsoft strong cryptographic
provider[image path]
     Queries value:
                                                               HKLM\software\policies\microsoft\cryptography[privkeycachemaxitems]
     Oueries value
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \label{thm:local_hammon} \begin{tabul
     Queries value:
                                                               HKLM\software\policies\microsoft\cryptography[privatekeylifetimeseconds]
                                                               {\tt HKLM \backslash software \backslash microsoft \backslash cryptography [machineguid]}
     Queries value:
     Oueries value:
                                                               HKCR\wow6432node\interface\{00000134-0000-0000-c000-
00000000046}\proxystubclsid32[]
                                                              HKCR\wow6432node\clsid\{4a04656d-52aa-49de-8a09-
cb178760e748}\inprocserver32[]
```

```
Oueries value
HKLM\software\microsoft\windows\currentversion\policies\explorer[norecyclefiles]
HKCU \setminus software \setminus irrosoft \setminus ir
be65-806e6f6e6963}[maxcapacitv1
    Queries value:
HKCU \setminus software \setminus irrosoft \setminus ir
be65-806e6f6e6963}[nukeondelete]
     Oueries value:
\label{thm:condition} \begin{tabular}{ll} HKCU \software \mbox{$\mathbb{N}$ irrentversion} \end{tabular} $$ explorer \bitbucket [lastenum] $$ \end{tabular} $$$ \end{tabular
     Queries value:
                                                                      HKCU\software\microsoft\internet explorer[no3dborder]
     Queries value:
                                                                     HKLM\software\wow6432node\microsoft\internet explorer[no3dborder]
                                                                      HKLM\software\policies\microsoft\windows\currentversion\internet
     Oueries value:
settings[urlencoding]
     Queries value:
                                                                     HKCU\software\policies\microsoft\windows\currentversion\internet
settings[urlencoding]
                                                                     HKCR\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-e212013ea917}[]
    Oueries value:
                                                                      HKCR\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee
     Oueries value:
e212013ea917}\inprocserver32[inprocserver32]
    Queries value:
                                                                     HKCR\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-
e212013ea917}\inprocserver32[]
     Queries value:
                                                                     HKCR\wow6432node\clsid\{9ac9fbe1-e0a2-4ad6-b4ee-
e212013ea917}\inprocserver32[threadingmodel]
                                                                     HKCR\wow6432node\clsid\{72eb61e0-8672-4303-9175-f2e4c68b2e7c}[]
     Oueries value:
                                                                     HKCR\wow6432node\clsid\{72eb61e0-8672-4303-9175-
     Queries value:
f2e4c68b2e7c}\inprocserver32[inprocserver32]
                                                                     HKCR\wow6432node\clsid\{72eb61e0-8672-4303-9175-
     Queries value:
f2e4c68b2e7c}\inprocserver32[]
    Queries value:
                                                                     HKCR\wow6432node\clsid\{72eb61e0-8672-4303-9175-
                                                                   ver32[threadingmodel]
 f2e4c68b2e7c}\inprocser
                                                                     HKLM\software\microsoft\windows\currentversion\explorer\kindmap[.dll]
     Oueries value:
                                                                     HKCR\.dll[content type]
     Queries value:
     Queries value:
                                                                      HKCR\.dl1[]
     Queries value:
                                                                      \label{thm:linear} \begin{tabular}{ll} HKCU \software \verb|microsoft| windows \verb|shell| associations[is connected at log on] \\ \end{tabular}
                                                                     HKCR\.dll[perceivedtype]
HKCR\systemfileassociations\.dll[perceivedtype]
     Oueries value:
     Queries value:
     Queries value:
                                                                      HKCR\dllfile[docobject]
                                                                      HKCR\systemfileassociations\.dll[docobject]
     Queries value:
                                                                      HKCR\dllfile[browseinplace]
     Oueries value:
     Queries value:
                                                                      HKCR\systemfileassociations\.dll[browseinplace]
                                                                      HKCR\dllfile[isshortcut]
     Queries value:
     Queries value:
                                                                      HKCR\systemfileassociations\.dll[isshortcut]
     Oueries value:
                                                                      HKCR\dllfile[alwaysshowext]
                                                                      HKCR\dllfile[nevershowext]
     Queries value:
     Queries value:
                                                                      HKCR\systemfileassociations\.dll[nevershowext]
     Queries value:
                                                                      HKLM\software\microsoft\windows\currentversion\explorer\kindmap[.txt]
                                                                      HKCR\.txt[content type]
     Oueries value:
     Oueries value:
                                                                      HKCR\.txt[]
     Queries value:
                                                                      HKCR\.txt[perceivedtype]
     Queries value:
                                                                      HKCR\txtfile[docobject]
                                                                      HKCR\systemfileassociations\.txt[docobject]
     Oueries value:
                                                                      HKCR\systemfileassociations\text[docobject]
     Oueries value:
     Queries value:
                                                                      HKCR\txtfile[browseinplace]
                                                                     HKCR\systemfileassociations\.txt[browseinplace] HKCR\systemfileassociations\text[browseinplace]
     Oueries value:
     Queries value:
                                                                      HKCR\txtfile[isshortcut]
     Queries value:
     Queries value:
                                                                      {\tt HKCR} \verb|\systemfileassociations|.txt[isshortcut]|\\
                                                                      HKCR\systemfileassociations\text[isshortcut]
     Oueries value:
     Queries value:
                                                                      HKCR\txtfile[alwaysshowext]
                                                                      HKCR\systemfileassociations\.txt[alwaysshowext]
     Queries value:
     Oueries value:
                                                                      HKCR\systemfileassociations\text[alwaysshowext]
                                                                      HKCR\txtfile[nevershowext]
     Queries value:
                                                                      HKCR\systemfileassociations\.txt[nevershowext]
     Queries value:
     Queries value:
                                                                     HKCR\systemfileassociations\text[nevershowext]
     Oueries value
HKCU\software\microsoft\windows\currentversion\explorer\advanced[maxundoitems]
     Queries value:
HKLM \verb|\software| wow 6432 node \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\advanced[maxundoitems]|
    Oueries value:
                                                                     HKLM\software\microsoft\windows\currentversion\app
paths\install.exe[dontusedesktopchangerouter]
                                                                     HKCR\directory\shellex\copyhookhandlers\filesystem[]
     Queries value:
     Queries value:
                                                                     HKCR\wow6432node\clsid\{217fc9c0-3aea-1069-a2db-
08002b30309d}\inprocserver32[]
     Queries value:
                                                                     HKCR\directory\shellex\copyhookhandlers\sharing[]
                                                                     HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
     Queries value:
00aa003ca9f6}\inprocserver32[]
                                                                    HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
    Oueries value:
00aa003ca9f6}\inprocserver32[loadwithoutcom]
                                                                     HKCU\software\microsoft\windows\currentversion\shell
     Queries value:
extensions\cached[{40dd6e20-7c17-11ce-a804-00aa003ca9f6} {000214fc-0000-0000-c000-000000000046}
0xffff1
     Queries value
                                                                      HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-00aa003ca9f6}[]
     Queries value:
                                                                     HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
00aa003ca9f6}\inprocserver32[inprocserver32]
                                                                     HKCR\wow6432node\clsid\{40dd6e20-7c17-11ce-a804-
    Queries value:
00aa003ca9f6}\inprocserver32[threadingmodel]
                                                                     Queries value:
                                                                     HKCR\wow6432node\clsid\{edb5f444-cb8d-445a-a523-
     Oueries value:
ec5ab6ea33c7}\inprocserver32[inprocserver32]
     Queries value:
                                                                     HKCR\wow6432node\clsid\{edb5f444-cb8d-445a-a523-
ec5ab6ea33c7}\inprocserver32[]
                                                                     HKCR\wow6432node\clsid\{edb5f444-cb8d-445a-a523-
    Oueries value:
ec5ab6ea33c7}\inprocserver32[threadingmodel]
                                                                     HKCR\wow6432node\clsid\{6311429e-2f1a-4777-880f-c7289fd10169}[]
     Queries value:
     Oueries value:
                                                                     HKCR\wow6432node\clsid\{6311429e-2f1a-4777-880f-
c7289fd10169}\inprocserver32[inprocserver32]
     Queries value:
                                                                     HKCR\wow6432node\clsid\{6311429e-2f1a-4777-880f-
c7289fd10169}\inprocserver32[]
                                                                    HKCR\wow6432node\clsid\{6311429e-2f1a-4777-880f-
    Oueries value:
c7289fd10169}\inprocserver32[threadingmodel]
                                                                     HKLM\software\microsoft\windows
nt\currentversion\profilelist[profilesdirectory]
```

```
Oueries value:
                                                                                  HKI M\software\microsoft\windows nt\currentversion\profilelist[public]
                                                                                 HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-
     Queries value:
 18[profileimagepath]
     Queries value:
                                                                                  HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-
19[profileimagepath]
     Queries value:
                                                                                 HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-
20[profileimagepath]
     Queries value:
                                                                                 HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-54a6827f513c}[]
     Oueries value:
                                                                                 HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}\inprocserver32[inprocserver32]
     Queries value:
                                                                                 HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
54a6827f513c}\inprocserver32[]
                                                                                 HKCR\wow6432node\clsid\{49f371e1-8c5c-4d9c-9a3b-
     Oueries value:
54a6827f513c}\inprocserver32[threadingmodel]
     Queries value:
HKLM\software\microsoft\windows\currentversion\explorer\sharing[userssharename]
     Oueries value:
HKLM\software\microsoft\ole[maximumallowedallocationsize]
     Queries value:
     Queries value:
                                                                                 HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature restrict res to lmz[flashplayer18 a install.exe]
                                                                                 HKLM\software\wow6432node\microsoft\internet
     Queries value:
\verb|explorer| \verb|main| featurecontrol| feature_restrict_res\_to\_lmz[*]|
     Oueries value:
Queries value:
                                                                                 HKCR\wow6432node\clsid\{66742402-f9b9-11d1-a202-
0000f81fedee}[disableprocessisolation]
                                                                                 HKCR\wow6432node\clsid\{66742402-f9b9-11d1-a202-0000f81fedee}[noonlock]
     Oueries value:
     Queries value:
                                                                                 HKCR\wow6432node\clsid\{66742402-f9b9-11d1-a202-
0000f81fedee}[useinprochandlercache]
     Oueries value:
                                                                                 HKCR\wow6432node\clsid\{66742402-f9b9-11d1-a202-
0000f81fedee}[useoutofprochandlercache]
     Queries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \label{thm:local_hammon} HKLM \label{thm:local_hammon} \begin{tabular}{ll} HKLM \label{
     Oueries value:
                                                                                 HKCR\wow6432node\clsid\{9e175b6d-f52a-11d8-b9a5-505054503030}[]
                                                                                 HKLM\software\wow6432node\microsoft\internet
     Queries value:
explorer \verb|\main\featurecontrol\feature_mime_sniffing[flashplayer18\_a\_install.exe]|
     Queries value:
                                                                                 HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_mime_sniffing[*]
                                                                                 HKCU\software\microsoft\windows\currentversion\internet
     Queries value:
settings[istextplainhonored]
     Queries value:
                                                                                 HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_feeds[flashplayer18_a_install.exe]
Queries value: HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature feeds[*]
     Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[quervadaptername]
     Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disableadapterdomainname]
     Queries value:
Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} system \current control set \end{tabular} evolution \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \current control set \end{tabular} \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} evolution \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} evolution \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} evolution \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} evolution \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} evolution \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} evolution \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} evolution \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} system \end{tabular} % \begin{tabular}{ll} HKLM \end{tabular} system \end{tabular} system \end{tabular} system \end{tabular} % \begin{
     Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[domainnamedevolutionlevel]
HKLM\system\currentcontrolset\services\dnscache\parameters[prioritizerecorddata]
     Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[prioritizerecorddata]
HKLM\system\currentcontrolset\services\dnscache\parameters[allowunqualifiedquery]
     Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} system \current control set \end{tabular} expression for the local parameters allow unqualified query. The local parameters are the local parameters and the local parameters are the local parameters and the local parameters are the local parameters are the local parameters and the local parameters are the local parameters are the local parameters are the local parameters and the local parameters are the local parameters
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[appendtomultilabelname]
     Queries value:
Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[screenunreachableservers]
     Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [screen default servers]
     Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dynamicservergueryorder]
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[filterclusterip]
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[waitfornameerroronall]
     Oueries value:
                                                                                  HKLM\system\currentcontrolset\services\dnscache\parameters[useedns]
     Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [dns secure name query fall back]
     Oueries value:
\label{thm:local_equation} \begin{tabular}{ll} HKLM \end{tabular} system \current control set \end{tabular} set \end{tabular} is a simple control set \end{tabular} set \end{tabular} is a simple control set \end{tabular} set \end{tabular} set \end{tabular} is a simple control set \end{tabular} set 
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[directaccessqueryorder]
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[queryipmatching]
     Queries value:
                                                                                 HKLM\system\currentcontrolset\services\dnscache\parameters[usehostsfile]
     Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[addrconfigcontrol]
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[disablesmartnameresolution]
     Oueries value:
\label{thm:local-control} \begin{tabular}{ll} HKLM \end{tabular} Akcurrent controls et \end{tabular} et \end{tabular} also exclusive the local control of 
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[querynetbtfqdn]
     Queries value:
\label{thm:local} \verb|HKLM| is the local control set $$ \end{substitute} $$ HKLM \end{substitute} $$ AKLM \end{substitute
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[udprecvbuffersize]
     Queries value:
HKLM \verb|\system| current controls et \verb|\services| dns cache \verb|\parameters[registration enabled]|
     Queries value:
```

```
\label{local-parameters} $$ HKLM\system\current controlset\services\dnscache\parameters[registerprimary name] $$ $$
      Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[registeradaptername]
     Queries value:
Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registerreverselookup]
     Queries value:
Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registerwanadapters]
      Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} $$HKLM \end{tabular} $$ is a bleward yn amicup date $$ is a bleward yn amicup date
     Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[registrationttl]
      Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} $$ KLM \end{tabular} $$ and $$ is the local parameters $$ [defaultregistration ttl] $$ is the local parameters $$ is the local parameters
     Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [registration refreshinterval]
      Queries value:
Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationmaxaddresscount]
      Queries value:
Oueries value:
\label{local-parameters} \begin{tabular}{ll} HKLM \end{tabular} $$ KLM \end{tabular} $$ LM \end{tabular}
      Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[updatesecuritylevel]
     Queries value:
\label{thm:local_ham} \begin{tabular}{ll} HKLM \end{tabular} System \current control set \end{tabular} set \color= \
      Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[downcasespncauseapiowneristoolazy]
     Queries 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]
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[adaptertimeoutlimit]
      Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[serverprioritytimelimit]
     Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[maxcachedsockets]
      Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enablemulticast]
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastresponderflags]
      Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} System \current control set \end{tabular} set \current control set \cur
     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]
     Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usenewregistration]
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistration]
      Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistrationonly]
      Queries value:
Oueries value:
\label{local} \verb|HKLM| system| current control set| services | direct access prefer local| | di
      Queries value:
HKLM \verb|\system| current control set \verb|\services| dns cache \verb|\parameters[disable idnencoding]| \\
     Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enableidnmapping]
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]
     Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquickquerytimeouts]
                                                                                               HKLM\system\currentcontrolset\services\tcpip\parameters[domain]
      Queries value:
      Oueries value:
                                                                                               \label{thm:local_hamma} HKLM \system \current control set \services \ttpip \parameters [host name] \\ HKCU \software \microsoft \windows \current \version \internet \\ \end{tabular}
      Queries value:
settings\5.0\cache\content[cachelimit]
     Queries value:
                                                                                               HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\cookies[cachelimit]
      Queries value:
                                                                                               HKCU\software\microsoft\windows\currentversion\explorer\user shell
folders[history]
     Oueries value:
                                                                                               HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\history[cachelimit]
     Queries value:
55779daa70e9}[searchlist]
     Queries value:
\label{thm:local_ham} \begin{tabular}{ll} HKLM \end{tabular} $$ HKLM \end{tabular} $$ AKLM \end{tabular} $$ 
806e6f6e6963}[enabledhcp]
     Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[registrationenabled]
      Queries value:
```

HKLM\svstem\currentcontrolset\services\tcpip\parameters[disabledvnamicupdate]

```
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[registeradaptername]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[domain]
      Queries value:
55779daa70e9}[dhcpdomain]
      Oueries value:
55779daa70e9}[dhcpv6domain]
       Queries value:
55779daa70e9}[nameserver]
55779daa70e9}[nameserver]
       Oueries value:
\label{local-bound} \begin{tabular}{ll} HKLM \end{tabular} Aktion \begin{tabular}{ll} HKLM \end{tabular} System \current control set \end{tabular} Set \end{tabular} \begin{tabular}{ll} Aktion \end{tabular} System \end{tabular} \begin{tabular}{ll} Aktion \end{tabular} System \end{
55779daa70e9}[dhcpnameserver]
      Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[registrationenabled]
      Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[registeradaptername]
       Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[domain]
       Queries value:
806e6f6e6963}[dhcpdomain]
      Queries value:
HKLM \ system \ current control set \ services \ tcpip \ parameters \ interfaces \ \{97e1de57-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-be62-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-11e1-d6fa-1
806e6f6e6963}[nameserver]
      Queries value:
806e6f6e6963}[dhcpnameserver]
                                                                                                            HKLM\software\microsoft\windows
      Oueries value:
nt\currentversion\profilelist[programdata]
HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version [common files dir] \\
      Oueries value:
HKLM\software\wow6432node\microsoft\windows\currentversion[programfilesdir (x86)]
       Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion[commonfilesdir (x86)]
      Oueries value:
Queries value:
HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| windows\\| current version[commonw 6432 dir]|
                                                                                                             HKU\s-1-5-21-1923240461-1905901954-2556564120-
      Oueries value:
1001\software\microsoft\windows\currentversion\explorer\user shell folders[appdata]
                                                                                                             HKU\s-1-5-21-1923240461-1905901954-2556564120-
      Queries value:
1001\software\microsoft\windows\currentversion\explorer\user shell folders[local appdata] Queries value: HKLM\system\currentcontrolset\services\tcpip\linkage[bind]
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters \setminus interfaces \setminus \{b5105d63-74c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-86-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4dc1-87b7-4c6-4
55779daa70e9}[queryadaptername]
       Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters \setminus interfaces \setminus \{b5105d63-74c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-4dc1-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-14c6-87b7-8
55779daa70e9}[disableadapterdomainname]
      Oueries value:
\label{thm:local_ham} \begin{tabular}{ll} HKLM \end{tabular} \textbf{NSystem} \current control set \end{tabular} etc. \begin{tabular}{ll} HKLM \end{tabular} \textbf{System} \current control set \end{tabular} etc. \begin{tabular}{ll} HKLM \end{tabular} \textbf{System} \current control set \end{tabular} \textbf{System} \current control set \end{tabular} \textbf{System} \current control set \end{tabular} \textbf{NSYSTEM} \end{tabular} \textbf{NSYSTEM} \current control set \end{tabular} \textbf{System} \current control set \end{tabular} \textbf{NSYSTEM} \current control set \en
55779daa70e9}[registrationmaxaddresscount]
       Oueries value:
HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{b5105d63-74c6-4dc1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-8
55779daa70e9}[maxnumberofaddressestoregister]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[enablemulticast]
       Queries value:
HKLM \ system \ `current control set \ 'services \ 'tcpip \ parameters \ 'interfaces \ '\{97e1de57-d6fa-11e1-be62-d6fa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-1
806e6f6e6963}[queryadaptername]
       Queries value:
HKLM \ system \ `current control set \ 'services \ 'tcpip \ parameters \ 'interfaces \ '\{97e1de57-d6fa-11e1-be62-d6fa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-11e1-defa-1
806e6f6e6963}[disableadapterdomainname]
      Oueries value:
806e6f6e6963}[disabledynamicupdate]
      Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[enableadapterdomainnameregistration]
       Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[registrationmaxaddresscount]
       Queries value:
806e6f6e6963}[maxnumberofaddressestoregister]
      Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[enablemulticast]
       Queries value:
                                                                                                             HKLM\system\currentcontrolset\services\tcpip\parameters[search]ist1
       Queries value:
                                                                                                              HKLM\system\currentcontrolset\services\netbt\parameters[nodetype]
                                                                                                              HKLM\system\currentcontrolset\services\netbt\parameters[dhcpnodetype]
        Queries value:
                                                                                                             HKLM\system\currentcontrolset\services\netbt\parameters[scopeid] HKLM\system\currentcontrolset\services\netbt\parameters[dhcpscopeid]
       Oueries value:
       Queries value:
```

migration\providers\tcpip[winsock 2.0 provider id]

Queries value:

Queries value: Oueries value:

HKLM\system\currentcontrolset\services\netbt\parameters[enableproxy] HKLM\system\currentcontrolset\services\netbt\parameters[enabledns]

HKLM\system\currentcontrolset\services\winsock\setup

```
Oueries value
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[maxsockaddrlength]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[usedelayedacceptance]
  Oueries value:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[usefilter]
  Queries value:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[debugger]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Oueries value:
options\dllhost.exe[uselargepages]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Queries value:
options\dllhost.exe[nodeoptions]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Oueries value:
options\dllhost.exe[disablewakecharge]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[mitigationoptions]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Oueries value:
options\dllhost.exe[disableheaplookaside]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Queries value:
options \verb|\| dllhost.exe[frontendheapdebugoptions]|
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Oueries value:
options\dllhost.exe[shutdownflags]
  Queries value:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[unloadeventtracedepth]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Queries value:
options\dllhost.exe[tracingflags]
  Queries value:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[minimumstackcommitinbytes]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Queries value:
options\dllhost.exe[breakoninitializeprocessfailure]
  Oueries value:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[keepactivationcontextsalive]
  .
Queries value:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[trackactivationcontextreleases]
  Oueries value:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[maxdeadactivationcontexts]
  Queries value:
                                    \label{lem:hklmsoftware} \verb+wicrosoft\+windows nt\-current version\+ image file execution
options\dllhost.exe[globalflag]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Oueries value:
options\dllhost.exe[cwdillegalindllsearch]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Queries value:
options\dllhost.exe[debugprocessheaponly]
  Oueries value:
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
options\dllhost.exe[executeoptions]
                                    \label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} is software \end{tabular} in the constraint of 
\verb"options' dllhost.exe[disable exception chain validation]"
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Oueries value:
options\dllhost.exe[searchpathmode]
                                    HKLM\software\microsoft\windows nt\currentversion\image file execution
  Queries value:
options\dllnxoptions[dllhost.exe]
                                    HKLM\software\wow6432node\microsoft\windows
  Oueries value:
                                    ibility32[dllhost]
nt\currentversion\compat
                                    HKU\.default\software\microsoft\windows\currentversion\explorer\user
  Queries value:
shell folders[local appdata]
  Queries value:
                                    HKCU\software\microsoft\windows\currentversion\internet
settings[proxyenable]
  Queries value:
                                    HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature protocol lockdown[flashplayer18 a install.exe]
                                    HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\zones\0[2703]
  Oueries value:
                                    HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[2703]
  Queries value:
                                     HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-00aa00686f13}[]
  Queries value:
                                     HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-
00aa00686f13}\inprocserver32[inprocserver32]
                                    HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-
  Queries value:
00aa00686f13}\inprocserver32[]
  Queries value
                                    HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-
00aa00686f13}\inprocserver32[threadingmodel]
  Queries value:
                                    HKCU\software\microsoft\windows
nt\currentversion\windows[dragscrollinset]
  Queries value:
                                    HKCU\software\microsoft\windows
nt\currentversion\windows[dragscrolldelay]
                                    HKCU\software\microsoft\windows
  Queries value:
nt\currentversion\windows[dragscrollinterval]
  Queries value:
                                    HKCU\software\microsoft\windows\currentversion\internet
settings\zonemap[ieharden]
                                     HKCU\software\microsoft\internet explorer\flipahead[notificationdelay]
  Queries value:
  Queries value:
```

 ${\tt HKCR\protocols\handler\about[clsid]}$ Queries value: HKCR\wow6432node\clsid\{3050f406-98b5-11cf-bb82-00aa00bdce0b}[] HKCR\wow6432node\clsid\{3050f406-98b5-11cf-bb82-Oueries value: 00aa00bdce0b}\inprocserver32[inprocserver32] HKCR\wow6432node\clsid\{3050f406-98b5-11cf-bb82-Queries value: 00aa00bdce0b}\inprocserver32[] HKCR\wow6432node\clsid\{3050f406-98b5-11cf-bb82-Queries value: 00aa00bdce0b}\inprocserver32[threadingmodel] Queries value: HKCU\software\microsoft\windows\currentversion\internet settings\zones\3[2106] Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\internet settings\zones\3[2106] Oueries value: HKCU\software\microsoft\internet explorer\zoom[zoomdisabled] Oueries value: HKCU\software\microsoft\internet explorer\main[minimumsystemtimerresolution]

HKLM\software\wow6432node\microsoft\internet

HKLM\software\wow6432node\microsoft\internet

 $explorer \verb|\main| featurecontrol| feature\_safe\_bindtoobject[flashplayer18\_a\_install.exe]|$ HKLM\software\wow6432node\microsoft\internet

HKCU\software\microsoft\internet explorer\main[renderingloopmaxtime]

HKCU\software\microsoft\internet explorer[rtfconverterflags]

HKCR\wow6432node\clsid\{25336920-03f9-11cf-8fd0-00aa00686f13}\progid[]

Queries value:

Queries value:

Queries value:

Queries value:

Queries value:

Queries value:

explorer\main[minimumsvstemtimerresolution]

explorer\main\featurecontrol\feature\_safe\_bindtoobject[\*]

```
Oueries value:
                            HKCU\software\microsoft\internet explorer\main[use_dlgbox_colors]
                            HKCU\software\microsoft\internet explorer\main[anchor underline]
  Queries value:
  Queries value:
                            HKCU\software\microsoft\internet explorer\main[css_compat]
                            HKCU\software\microsoft\internet explorer\main[expand alt text]
  Queries value:
                            HKCU\software\microsoft\internet explorer\main[display inline images] HKCU\software\microsoft\internet explorer\main[display inline videos]
  Oueries value:
  Queries value:
                            HKLM\software\wow6432node\microsoft\internet explorer\main[display
  Queries value:
inline videos]
                            \label{thm:local-hamilton} HKCU\software\microsoft\internet explorer\main[play_background_sounds] \\ HKCU\software\microsoft\internet explorer\main[play_animations]
  Oueries value:
  Queries value:
                            HKCU\software\microsoft\internet explorer\main[print_background]
  Queries value:
  Queries value:
                            HKLM\software\wow6432node\microsoft\internet
explorer\main[print_background]
  Queries value:
                            HKCU\software\microsoft\internet explorer\main[smoothscroll]
  Queries value:
                            HKCU\software\microsoft\internet explorer\main[xmlhttp]
  Queries value:
                            \label{localization} \mbox{HKCU\software\mbox{\sc microsoft\internet explorer\mbox{\sc main}[show image placeholders]} \\
                            HKCU\software\microsoft\internet explorer\main[disable script debugger]
  Oueries value:
                            HKCU\software\microsoft\internet explorer\main[disablescriptdebuggerie]
  Oueries value:
                            HKCU\software\microsoft\internet explorer\main[disable diagnostics mode]
  Queries value:
  Queries value:
                            HKLM\software\wow6432node\microsoft\internet explorer\main[disable
diagnostics model
  Queries value:
                            HKCU\software\microsoft\internet explorer\main[move system caret]
  Queries value:
                            HKCU\software\microsoft\internet explorer\main[enable autoimageresize]
                            HKCU\software\microsoft\internet explorer\main[usehr]
HKCU\software\microsoft\internet explorer\main[q300829]
  Oueries value:
  Queries value:
  Queries value:
                            HKCU\software\microsoft\internet explorer\main[cleanup htcs]
  Queries value:
                            \label{local-operator} \mbox{HKCU\software\mbox{\sc microsoft\internet explorer\mbox{\sc main}[xdomainrequest]} \label{local-operator}
                            HKLM\software\wow6432node\microsoft\internet
  Oueries value:
explorer\main[xdomainrequest]
  Queries value:
                            \label{local-equation} \mbox{HKCU\software\mbox{\sc microsoft\internet explorer\mbox{\sc main[domstorage]}} \label{local-equation}
  Oueries value
                            HKCU\software\microsoft\internet
explorer\main[jscriptprofilecacheeventdelay]
                            HKCU\software\microsoft\internet
  Queries value:
explorer\international[default_codepage]
                            HKCU\software\microsoft\internet explorer\international[autodetect]
  Oueries value:
                            HKCU\software\microsoft\internet
  Queries value:
explorer\international\scripts[default_iefontsizeprivate]
  Queries value:
                            HKCU\software\microsoft\internet explorer\settings[anchor color]
                            HKCU\software\microsoft\internet explorer\settings[anchor color visited]
  Oueries value:
                            HKCU\software\microsoft\internet explorer\settings[anchor color hover]
  Queries value:
                            HKCU\software\microsoft\internet explorer\settings[always use my colors]
  Queries value:
  Queries value:
                            HKCU\software\microsoft\internet explorer\settings[always use my font
size1
 Queries value:
                            HKCU\software\microsoft\internet explorer\settings[always use my font
face]
 Queries value:
                            HKCU\software\microsoft\internet explorer\settings[disable visited
hyperlinks]
  Queries value:
                            HKCU\software\microsoft\internet explorer\settings[use anchor hover
color]
  Queries value:
                            HKCU\software\microsoft\internet explorer\settings[miscflags]
                            HKCU\software\microsoft\windows\currentversion\policies[allow
  Oueries value:
programmatic cut_copy_paste]
                            HKLM\software\policies\microsoft\windows\currentversion\internet
 Queries value:
settings[disablecachingofsslpages]
Queries value: HKCU\software\policies\microsoft\windows\currentversion\internet
settings[disablecachingofsslpages]
  Queries value:
                            \label{lem:hkcu} \verb+KKCU\+ software\+ internet explorer\+ pagesetup[print\_background]
                            HKLM\svstem\currentcontrolset\control\nls\codepage[950]
  Oueries value:
  Queries value:
                            HKCU\software\microsoft\internet
explorer\international\scripts\3[iefontsize]
  Oueries value:
                            {\tt HKCU \ } software \verb|\ microsoft \> internet|
explorer\international\scripts\3[iefontsizeprivate]
                            HKCU\software\microsoft\internet
  Queries value:
explorer\international\scripts\3[iepropfontname]
  Oueries value:
                            HKCU\software\microsoft\internet
explorer\international\scripts\3[iefixedfontname]
  Queries value:
                            HKCU\software\microsoft\internet explorer\international[acceptlanguage]
Queries value: HKLM\software\wow6432node\microsoft\internet explorer\main\featurecontrol\feature_restrict_filedownload[flashplayer18_a_install.exe]
  Queries value:
                            HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_restrict_filedownload[*]
  Queries value:
                            HKCR\wow6432node\clsid\{e569bde7-a8dc-47f3-893f-fd2b31b3eefd}\[]
                            HKCR\wow6432node\clsid\{e569bde7-a8dc-47f3-893f-
  Oueries value:
fd2b31b3eefd}\inprocserver32[inprocserver32]
                            HKCR\wow6432node\clsid\{e569bde7-a8dc-47f3-893f-
  Queries value:
fd2b31b3eefd}\inprocserver32[]
                            HKCR\wow6432node\clsid\{e569bde7-a8dc-47f3-893f-
 Oueries value:
fd2b31b3eefd}\inprocserver32[threadingmodel]
 Queries value:
                            HKLM\software\wow6432node\microsoft\internet explorer\version
vector[vml]
                            HKLM\software\wow6432node\microsoft\internet explorer\version vector[ie]
  Oueries value:
                            HKLM\software\wow6432node\microsoft\internet
  Oueries value:
\verb|explorer| main\featurecontrol\feature_zone_elevation[flashplayer18\_a\_install.exe]| \\
  Queries value:
                            HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_zone_elevation[*]
  Queries value:
                            HKCR\mime\database\content type\text/xml[clsid]
  Queries value:
                            HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[2700]
 Queries value:
                            HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[2700]
                            HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\policies\microsoft\windows\currentversion\internet settings[mbcsapiforcrack]
 Queries value:
                            HKLM\software\wow6432node\microsoft\internet
explorer \verb|\main\featurecontrol\feature_http\_username\_password\_disable[svchost.exe]|
                            HKU\s-1-5-21-1923240461-1905901954-2556564120-
  Oueries value:
1001\software\microsoft\internet explorer\main\featurecontrol[feature_clientauthcertfilter]
  Queries value:
                            HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_mime_handling[svchost.exe]
                            HKLM\software\wow6432node\microsoft\internet
 Oueries value:
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback[svchost.exe]
                            HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001 \verb|\software\microsoft\windows\currentversion\current settings[from cache time out]|
```

```
Oueries value:
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\policies\microsoft\windows\currentversion\internet settings[secureprotocols]
 Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
                          windows\currentversion\internet settings[secureprotocols]
HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft
 Oueries value:
1001\software\microsoft\windows\currentversion\internet settings[certificaterevocation]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
  Queries value:
1001\software\microsoft\windows\currentversion\internet settings[disablekeepalive] Queries value: HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[idnenabled]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet settings[preconnectlimit] Queries value: HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft
                          windows\currentversion\internet settings[preresolvelimit]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet
settings[sqmhttpstreamrandomuploadpoolsize]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
  Oueries value
1001\software\microsoft\windows\currentversion\internet settings[cachemode]
 Queries value:
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\policies\microsoft\windows\currentversion\internet settings[enablehttp1_1]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120
  Queries value:
HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\policies\microsoft\windows\currentversion\internet settings[proxyhttp1.1]
  Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120
1001\software\microsoft\windows\currentversion\internet settings[proxyhttp1.1]

Queries value: HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[enablenegotiate]
  Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft
                          windows\currentversion\internet settings[clientauthbuiltinui]
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\policies\microsoft\windows\currentversion\internet
settings[enableautoproxyresultcache]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\policies\microsoft\windows\currentversion\internet
settings[displayscriptdownloadfailureui]
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\policies\microsoft\windows\currentversion\internet settings[mbcsservername]
 Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001 \verb|\software| policies| microsoft| windows| current version| internet settings[utf8servernameres]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet settings[disableworkerthreadhibernation]
 Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[disablereadrange]
 Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft
                          windows\currentversion\internet settings[socketsendbufferlength]
 Queries value:
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[socketreceivebufferlength]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
  Oueries value:
HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft
                         \windows\currentversion\internet settings[maxhttpredirects]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[maxconnectionsperserver]

Oueries value: HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[maxconnectionsper1_0server]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001 \\ \ software \\ \ microsoft \\ \ windows \\ \ current version \\ \ internet\ settings \\ [max connection sper proxy] \\
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet settings[serverinfotimeout]
  Queries value:
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001 \verb|\software\microsoft\windows\currentversion\current settings[connect time out]
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet settings[connectretries]
 Queries value:
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[sendtimeout]
 Queries value:
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft
                          windows\currentversion\internet settings[receivetimeout]
 Queries value:
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[disablentlmpreauth]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet settings[scavengecachelowerbound]
Queries value: HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[certcachenovalidate]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\microsoft\windows\currentversion\internet
settings\5.0\cache[scavengecachefilelifetime]
Queries value: HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\policies\microsoft\windows\currentversion\internet
\tt settings \verb|\| 5.0 \verb|\| cache[scavengecachefile limit]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet
settings\5.0\cache[scavengecachefilelimit]
 Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[httpdefaultexpirytimesecs]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microso
                          windows\currentversion\internet settings[ftpdefaultexpirytimesecs]
 Oueries value:
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[disablecachingofsslpages]
 Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\mi
                   osoft\windows\currentversion\internet settings[leashlegacycookies]
                          HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\microsoft\windows\currentversion\internet settings[dialupuselansettings]
 Queries value:
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
                          windows\currentversion\internet settings[sendextracrlf]
HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft
 Oueries value:
1001\software\microsoft\windows\currentversion\internet settings[wpadsearchalldomains]
                           HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001 \setminus software \setminus microsoft \setminus windows \setminus current version \setminus internet \ settings[by pass httpnocachecheck]]
```

```
Oueries value
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[bypasssslnocachecheck]
 Queries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
                         windows\currentversion\internet settings[nocheckautodialoverride]
1001\software\m
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\microsoft\windows\currentversion\internet settings[dontusednsloadbalancing]
 Queries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value
1001 \verb|\software\microsoft\windows\currentversion\current settings[dnscacheenabled]|
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\microsof
                         windows\currentversion\internet settings[dnscacheentries]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[dnscachetimeout]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\microsoft\windows\currentversion\internet settings[warnonpost]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet settings[warnalwaysonpost]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\microsof
                         windows\currentversion\internet settings[warnonzonecrossing]
 Queries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[warnonbadcertrecving]
 Queries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[warnonpostredirect]
 Oueries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[a]waysdrainonredirect]
 Queries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\mic
                         windows\currentversion\internet settings[warnonhttpstohttpredirect]
 Oueries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[badproxyexpirestime]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
                  osoft\windows\currentversion\internet settings[enableautodial]
1001\software\mic
 Oueries value
                         HKII\s-1-5-21-1923240461-1905901954-2556564120-
1001\software\microsoft\windows\currentversion\internet settings[nonetautodial]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001 \verb|\software\microsoft\windows\currentversion\internet settings[global user offline]|
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\microsoft\windows\currentversion\internet settings[usefirstavailable]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001 \setminus software \setminus microsoft \setminus windows \setminus current version \setminus internet settings [combine false start data]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Oueries value:
1001\software\microsoft
                        \windows\currentversion\internet settings[disablefalsestartblacklist]
 Queries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001 \\ \ software \\ \ microsoft \\ \ windows \\ \ current version \\ \ internet\ settings \\ [enforcep3pvalidity]
 Oueries value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings[proxyserver]
 Queries value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings[autoconfigurl]
                         HKLM\software\microsoft\windows
 Oueries value:
nt\currentversion\peerdist\service[enable]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-1001\control
 Queries value:
panel\international[localename]
                         HKLM\software\wow6432node\microsoft\internet
 Queries value:
\verb| explorer\main\featurecontrol\feature_xssfilter[flashplayer18\_a\_install.exe]| \\
 Queries value:
                         explorer\main\featurecontrol\feature xssfilter[*]
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet
{\tt settings} \verb|\connections[defaultconnectionsettings]|\\
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Queries value:
1001\software\microsoft\windows\currentversion\internet settings\connections[savedlegacysettings]
  Queries value:
                         HKU\s-1-5-21-1923240461-1905901954-2556564120-
1001 \\ \verb|\software\microsoft\windows\currentversion\currenterset settings[autoproxydetect type]|
 Queries value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings\zones[securitysafe]
 Queries value:
                         \begin{tabular}{ll} HKCU\software\mbox{\tt microsoft\internet explorer\mbox{\tt main[noprotected mode banner]}} \end{tabular}
 Oueries value:
                         HKLM\software\wow6432node\microsoft\internet explorer\low
rights[protectedmodeoffforallzones]
 Queries value:
                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\winhttp[disablebranchcache]
 Oueries value:
HKLM\system\currentcontrolset\services\winhttpautoproxysvc\parameters[proxydllfile]
                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[winhttplowercasehost]
                         HKCU\software\microsoft\windows\currentversion\internet
 Oueries value:
settings\zones\0[icon]
 Queries value:
                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[minlevel]
                         Oueries value:
settings\zones\0[reco
                         ndedlevel]
                         HKCU\software\microsoft\windows\currentversion\internet
 Queries value:
settings\zones\0[currentlevel]
 Queries value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings\zones\1[icon]
 Queries value:
                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\1[minlevel]
Oueries value: HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\1[r
                         ndedlevel]
 Oueries value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings\zones\1[currentlevell
 Queries value:
                         \label{localization} \mbox{HKCU\software\mbox{\sc windows\currentversion\internet}} \\
settings\zones\1[2500]
 Oueries value:
                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\1[2500]
 Queries value:
                         \label{thm:local_equation} \mbox{HKCU\software\mbox{\sc microsoft\windows\currentversion\sc internet}} \\
settings\zones\2[icon]
 Oueries value:
                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\2[minlevel]
 Queries value:
                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\2[recommendedlevel]
```

```
Oueries value
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\zones\2[currentlevel]
   Queries value:
                                              \label{localization} \mbox{HKCU\software\mbox{\sc windows\currentversion\internet}} \\
settings\zones\2[2500]
   Oueries value:
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\2[2500]
   Queries value:
                                              \label{lem:hkcu} \verb+KKCU\+ software\+ icrosoft\+ windows\+ current version\+ internet
settings\zones\3[icon]
   Oueries value:
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\3[minlevel]
   Queries value:
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\3[recommendedlevel]
   Oueries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[current
                                             level1
   Queries value:
                                              \label{lem:hkcu} \verb+KKCU\+ software\+ icrosoft\+ windows\+ current version\+ internet
settings\zones\3[2500]
   Oueries value:
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\3[2500]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[icon]
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
   Oueries value:
settings\zones\4[minlevel]
   Queries value:
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\4[recommendedlevel]
                                              HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings\zones\4[currentlevel]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[2500]
   Queries value:
                                              HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet
settings\zones\4[2500]
   Oueries value:
                                              HKCR\msxml2.domdocument.3.0\clsid[]
                                              HKCR\wow6432node\clsid\{f5078f32-c551-11d3-89b9-0000f81fe221}[]
   Queries value:
    Queries value:
                                              HKCR\wow6432node\clsid\{f5078f32-c551-11d3-89b9-
0000f81fe221}\inprocserv
                                             er32[inprocserver32]
                                              HKCR\wow6432node\clsid\{f5078f32-c551-11d3-89h9-
   Oueries value
0000f81fe221}\inprocserver32[]
   Queries value:
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0000f81fe221}\inprocserver32[threadingmodel]
   Oueries value:
                                              HKLM\system\currentcontrolset\services\winsock2\parameters[autodialdll]
   Queries value:
                                              HKLM\software\wow6432node\microsoft\internet
\verb|explorer| main feature control feature with the lattice of the
   Queries value:
                                              HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature mshtml autoload ieframe[*]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[1400]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[2106]
   Queries value:
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[2106]
   Queries value:
                                              HKCU\software\microsoft\internet explorer\main[operationaldata]
                                              HKCU\software\microsoft\internet
   Oueries value:
explorer\browseremulation[cvlistxmlversionlow]
                                              HKCU\software\microsoft
   Queries value:
explorer\browseremulation[cvlistxmlversionhigh]
                                              HKCU\software\microsoft\internet
   Queries value:
\verb|explorer\browseremulation[iecompatversionlow]|\\
   Queries value:
                                              HKCU\software\microsoft\internet
explorer\browseremulation[iecompatversionhigh]
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
   Queries value:
settings[warnonintranet]
   Oueries value:
                                              HKCU\software\policies\microsoft\windows\currentversion\internet
settings[warnonintranet]
   Queries value:
                                              \label{thm:local_equation} \mbox{HKCU\software\mbox{\sc microsoft\windows\currentversion\sc internet}} \\
settings[warnonintranet]
   Oueries value:
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[warnonintranet]
   Queries value:
                                              \label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet
settings\zonemap[autodetect]
                                              HKCR\wow6432node\clsid\{50d5107a-d278-4871-8989-f4ceaaf59cfc}[]
   Oueries value:
                                              HKCR\wow6432node\clsid\{50d5107a-d278-4871-8989-
   Queries value:
 f4ceaaf59cfc}\inprocserv
                                            er32[inprocserver32]
   Oueries value:
                                              HKCR\wow6432node\clsid\{50d5107a-d278-4871-8989-
f4ceaaf59cfc}\inprocserver32[]
                                              HKCR\wow6432node\clsid\{50d5107a-d278-4871-8989-
   Queries value:
f4ceaaf59cfc}\inprocserver32[threadingmodel]
\label{thm:continuous} Queries value: $$HKLM\software\microsoft\tip\\{0000897b-83df-4b96-be07-0fb58b01c4a4}\languageprofile\\0x00000000\\\{0001bea3-ed56-483d-a2e2-aeae25577436\}[enable]$
                                              HKCR\wow6432node\interface\{618736e0-3c3d-11cf-810c-
   Oueries value:
00aa00389b71}\proxystubclsid32[]
   Queries value:
                                              HKLM\software\wow6432node\microsoft\direct3d\drivers[size]
    Oueries value:
                                              HKLM\software\wow6432node\microsoft\direct3d\drivers[name]
    Oueries value
\label{thm:local_ham} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} wow 6432 node \end{tabular} microsoft \end{tabular} direct 3d \end{tabular} dx 6 texture enuminal usion list \end{tabular} is the linear lin
   Oueries value:
HKLM\software\wow6432node\microsoft\direct3d\dx6textureenuminclusionlist[name]
                                              HKCR\wow6432node\interface\{332c4425-26cb-11d0-b483
00c04fd90119}\proxystubclsid32[]
                                              HKCR\wow6432node\clsid\{00020424-0000-0000-c000-00000000046}[]
   Oueries value:
   Queries value:
                                              HKCR\wow6432node\clsid\{00020424-0000-0000-c000-
00000000046}\inprocserver32[inprocserver32]
   Oueries value
                                              HKCR\wow6432node\clsid\{00020424-0000-0000-c000-
000000000046}\inprocserver32[]
   Queries value:
                                              HKCR\wow6432node\clsid\{00020424-0000-0000-c000-
00000000046}\inprocserver32[threadingmodel]
   Oueries value:
                                              HKLM\software\microsoft\sqmclient\windows\disabledprocesses[d0fe44be]
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
   Queries value:
settings\url history[daystokeep]
   Queries value:
                                              HKCR\wow6432node\clsid\{16d51579-a30b-4c8b-a276-0ff4dc41e755}[]
    Oueries value:
                                              HKCR\wow6432node\clsid\{16d51579-a30b-4c8b-a276
Off4dc41e755}\inprocserver32[inprocserver32]
                                              HKCR\wow6432node\clsid\{16d51579-a30b-4c8b-a276-
Off4dc41e755}\inprocserver32[]
```

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Oueries value:
                                                      HKCR\wow6432node\clsid\{16d51579-a30b-4c8b-a276-
Off4dc41e755}\inprocserver32[threadingmodel]
   Queries value:
                                                       HKLM\system\currentcontrolset\control\wmi\security[57277741-3638-4a4b-
bdba-0ac6e45da56c]
   Oueries value:
                                                      HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[1201]
   Queries value:
                                                       HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[1201]
                                                      HKCR\wow6432node\clsid\{842a1268-6e6a-465c-868f-8bc445b9828f}[]
   Oueries value:
                                                      HKCR\wow6432node\clsid\{842a1268-6e6a-465c-868f-
   Queries value:
8bc445b9828f}\inprocserv
                                                     er32[inprocserver32]
   Queries value:
                                                      HKCR\wow6432node\clsid\{842a1268-6e6a-465c-868f-
8bc445b9828f}\inprocserver32[]
                                                      HKCR\wow6432node\clsid\{842a1268-6e6a-465c-868f-
   Queries value:
8bc445b9828f}\inprocserver32[threadingmodel]
   Queries value:
HKLM\svstem\currentcontrolset\services\fontcache\parameters[clientcachesize]
   Oueries value:
                                                      HKCU\software\microsoft\internet explorer\gpu[adapterinfo]
                                                      HKLM\software\policies\microsoft\windows\currentversion\internet
   Queries value:
settings[cointernetcombineiuricachesize]
                                                      HKCU\software\policies\microsoft\windows\currentversion\internet
   Oueries value:
settings[cointernetcombineiuricachesize]
   Queries value:
                                                      HKCU\software\microsoft\windows\currentversion\internet
settings[cointernetcombineiuricachesize]
                                                      HKLM\software\wow6432node\microsoft\windows\currentversion\internet
   Queries value:
settings[cointernetcombineiuricachesize]
   Queries value:
                                                      HKLM \ software \ wow 6432 node \ microsoft \ internet
explorer\main\featurecontrol\feature shim mshelp combine[flashplayer18 a install.exe]
   Queries value:
                                                      HKLM\software\wow6432node\microsoft\internet
explorer\main\featur
                                                      trol\feature_shim_mshelp_combine[*]
   Oueries value:
                                                      HKCR\wow6432node\clsid\{81397204-f51a-4571-8d7b-dc030521aabd}[]
                                                      HKCR\wow6432node\clsid\{81397204-f51a-4571-8d7b-
   Queries value:
dc030521aabd}\inprocserver32[inprocserver32]
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   Queries value
dc030521aabd}\inprocserver32[]
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   Queries value:
dc030521aabd}\inprocserver32[threadingmodel]
   Queries value:
                                                      HKCR\wow6432node\clsid\{d1fe6762-fc48-11d0-883a-3c8b00c10000}[]
                                                      HKCR\wow6432node\clsid\{d1fe6762-fc48-11d0-883a-
   Oueries value:
3c8b00c10000}\inprocserver32[inprocserver32]
   Queries value:
                                                      HKCR\wow6432node\clsid\{d1fe6762-fc48-11d0-883a-
3c8b00c10000}\inprocserver32[]
   Oueries value:
                                                      HKCR\wow6432node\clsid\{d1fe6762-fc48-11d0-883a-
3c8b00c10000}\inprocserver32[threadingmodel]
   Queries value
                                                      HKLM\software\wow6432node\microsoft\internet
explorer \verb|\main| featurecontrol| feature\_behaviors[flashplayer18\_a\_install.exe]|
   Oueries value:
                                                      HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_behaviors[*]
                                                       HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings\zones\0[2000]
   Oueries value:
                                                      HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[2000]
   Queries value:
                                                      \label{lem:hklm} \verb+Kklm\+ software\+ wow 6432 node\+ microsoft\+ internet\ explorer\+ default
behaviors[dxtfilterbehavior1
                                                      HKCR\wow6432node\clsid\{4fd2a832-86c8-11d0-8fca-00c04fd9189d}[]
   Queries value:
                                                       HKCR\wow6432node\clsid\{4fd2a832-86c8-11d0-8fca-
    Queries value
00c04fd9189d}\inprocserver32[inprocserver32]
                                                      HKCR\wow6432node\clsid\{4fd2a832-86c8-11d0-8fca-
   Queries value:
00c04fd9189d}\inprocserver32[]
   Queries value:
                                                      HKCR\wow6432node\clsid\{4fd2a832-86c8-11d0-8fca-
{\tt 00c04fd9189d} \verb|\inprocserver32[threading model]
   Oueries value:
                                                      HKLM\hardware\devicemap\video[maxobjectnumber]
    Queries value:
                                                       HKLM\hardware\devicemap\video[\device\video0]
    Queries value
                                                      HKLM\system\currentcontrolset\control\class\{4d36e968-e325-11ce-bfc1-
08002be10318}\0000[pruningmode]
   Queries value:
HKLM \ system \ \ current control set \ \ enum \ \ pci \ \ ven\_80ee \ \ dev\_beef \ \ subsys\_00000000 \ \ ev\_00 \ \ \ 3\&267a616a\&1\&10[hardwareid]
                                                       HKLM\software\wow6432node\microsoft\directdraw\compatibility\bug![name]
   Queries value:
                                                       HKLM\software\wow6432node\microsoft\directdraw\compatibility\bug![flags]
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    Queries value
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   Oueries value:
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HKLM\software\wow6432node\microsoft\directdraw\compatibility\demolitionderby2[id]
   Oueries value:
Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\diablo[flags]
                                                      HKLM\software\wow6432node\microsoft\directdraw\compatibilitv\diablo[id]
   Oueries value:
    Oueries value
HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus direct draw \setminus compatibility \setminus mortal kombat \\ 3[name]
   Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\mortalkombat3[flags]
   Queries value:
HKLM \verb|\software| wow 6432 node \verb|\microsoft| direct draw \verb|\compatibility| mortal kombat3[id]| and the software \verb|\com
   Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\msgolf98[name]
   Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\msgolf98[flags]
   Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibilitv\nhlpowerplav[name]
   Queries value:
\label{thm:local_ham} \begin{tabular}{ll} HKLM \end{tabular} $$ HKLM \end{tabular} $$ HKLM \end{tabular} $$ in the local compatibility \end{tabular} $$ 
   Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\nhlpowerplay[id]
   Oueries value:
HKLM \verb|\software| \verb|\wow6432| node \verb|\microsoft| direct draw \verb|\compatibility| nor ton system in fo[name]
   Queries value:
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HKLM\software\wow6432node\microsoft\directdraw\compatibilitv\nortonsysteminfo[flags]
     Queries value:
\label{thm:local_ham} \begin{tabular}{ll} HKLM \end{tabular} $$ HKLM \end{tabular} $$ Addition{Additional content of the con
                                                                                 HKLM\software\wow6432node\microsoft\directdraw\compatibility\rogue
     Queries value
squadron[name]
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squadron[flags]
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squadron[id]
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\savage[name]
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\savage[flags]
     Queries value:
                                                                                 HKLM\software\wow6432node\microsoft\directdraw\compatibility\savage[id]
      Queries value
HKLM\software\wow6432node\microsoft\directdraw\compatibility\scorchedplanet[name]
     Oueries value:
HKLM \label{limits} \label{limits} HKLM \label{limits} HKLM \label{limits} White \label{limits} HKLM \label{limits} White \label{limits} HKLM \label{limits} White \label{limits} HKLM \label{limits} \label{limits} HKLM \label{limits} White \label{limits} HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} White \label{limits} HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} White \label{limits} White \label{limits} HKLM \label{limits} White \label{lim
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\scorchedplanet[id]
     Oueries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\silentthunder[name]
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\silentthunder[flags]
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\silentthunder[id]
     Oueries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\starcraft100[name]
     Queries value:
Oueries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\starcraft100[id]
     Queries value:
HKLM\software\w
                                                        /6432node\microsoft\directdraw\compatibility\starcraft115[name]
     Oueries value
HKLM\software\wow6432node\microsoft\directdraw\compatibility\starcraft115[flags]
     Queries value:
HKLM \label{limits} HKLM \label{limits} HKLM \label{limits} If the limits of the lim
     Oueries value:
HKLM \label{limit} \verb+KKLM \label{limit} HKLM \label{limit} A software \label{limit} \verb+wow6432 \ node \ \ microsoft \ \ directdraw \ \ compatibility \ \ starcraft demo[name]
     Queries value
HKLM \verb|\software| wow 6432 node \verb|\microsoft| direct draw \verb|\compatibility| starcraft demo[flags]| the following the following starcraft demo[flags] and the followi
     Oueries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\starcraftdemo[id]
     Queries value
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     Oueries value:
HKLM \label{limit} \begin{tabular}{ll} HKLM \label{limit} HKLM \label{limit} Wow 6432 node \label{limit} microsoft \label{limit} direct draw \label{limit} compatibility \label{limit} \end{tabular} \begin{tabular}{ll} HKLM \label{limit} \begin{tabular
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\terracide[id]
     Oueries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibilitv\thirddimension[name]
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\thirddimension[flags]
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\thirddimension[id]
     Queries value:
HKLM\software\wow6432node\microsoft\directdraw\compatibility\ziffdavisqualitybenchmark[name]
     Queries value:
\label{thm:local_transform} \begin{tabular}{ll} HKLM \end{tabular} $$HKLM \end{tabular} $$ HKLM \end{tabular} $$ if for each of the compaction of the comp
     Oueries value
HKLM\software\wow6432node\microsoft\directdraw\compatibility\ziffdavisqualitybenchmark[id]
     Queries value:
HKLM\software\v
                                                        /6432node\microsoft\directdraw\compatibility\ziffdaviswinmarkbenchmark[name]
     Oueries value
HKLM\software\wow6432node\microsoft\directdraw\compatibility\ziffdaviswinmarkbenchmark[flags]
     Queries value:
HKLM \ software \ wow 6432 node \ microsoft \ direct draw \ compatibility \ ziff daviswin mark benchmark \ [id]
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[modexonly]
     Oueries value:
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[emulationonly]
     Queries value:
                                                                                 \label{thm:hammon} {\tt HKLM \cooptware \wow6432} node \verb|\microsoft \directdraw[showframerate]| \\
     Queries value:
     Queries value:
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[enableprintscreen]
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[forceagpsupport]
     Oueries value:
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[disableagpsupport]
     Queries value:
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[disablemmx]
      Queries value:
     Queries value:
                                                                                 HKLM \setminus software \setminus wow6432 node \setminus microsoft \setminus direct draw[disabledds capsinddsd]
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[disablewidersurfaces]
     Oueries value:
      Oueries value:
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[usenonlocalvidmem]
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[forcerefreshrate]
      Queries value:
     Queries value:
                                                                                 HKLM\software\wow6432node\microsoft\direct3d[flipnovsync]
     Oueries value:
                                                                                 HKLM\software\wow6432node\microsoft\directdraw[owndc]
      Oueries value:
                                                                                 HKCR\dximagetransform.microsoft.gradient\clsid[]
                                                                                 HKCR\wow6432node\clsid\{623e2882-fc0e-11d1-9a77-0000f8756a10}[]
      Queries value:
     Oueries value:
                                                                                 HKCR\wow6432node\clsid\{623e2882-fc0e-11d1-9a77-
0000f8756a10}\inprocserver32[inprocserver32]
      Queries value
                                                                                 HKCR\wow6432node\clsid\{623e2882-fc0e-11d1-9a77-
0000f8756a10}\inprocserver32[]
     Queries value
                                                                                 HKCR\wow6432node\clsid\{623e2882-fc0e-11d1-9a77-
0000f8756a10}\inprocserver32[threadingmodel]
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     Oueries value
                                                                                 HKCR\wow6432node\clsid\{c6365470-f667-11d1-9067-
00c04fd9189d}\inprocserver32[inprocserver32]
                                                                                 HKCR\wow6432node\clsid\{c6365470-f667-11d1-9067-
     Queries value:
00c04fd9189d}\inprocserver32[]
     Oueries value
                                                                                 HKCR\wow6432node\clsid\{c6365470-f667-11d1-9067-
00c04fd9189d}\inprocserver32[threadingmodel]
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                                                                                 HKCR\wow6432node\clsid\{4cb26c03-ff93-11d0-817e-0000f87557db}[]
                                                                                 HKCR\wow6432node\clsid\{4cb26c03-ff93-11d0-817e-
      Queries value
0000f87557db}\inprocserver32[inprocserver32]
                                                                                 HKCR\wow6432node\clsid\{4cb26c03-ff93-11d0-817e-
     Queries value:
0000f87557db}\inprocserver32[]
     Queries value:
                                                                                 HKCR\wow6432node\clsid\{4cb26c03-ff93-11d0-817e-
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0000f87557db}\inprocserver32[threadingmodel]
                                             HKCR\typelib\{5e77eb03-937c-11d1-b047-00aa003b6061}\1.1\0\win32[]
   Queries value:
   Queries value:
                                             HKCR\typelib\{00020430-0000-0000-c000-00000000046}\2.0\0\win32[]
   Queries value:
                                             HKCR\typelib\{54314d1d-35fe-11d1-81a1-0000f87557db}\1.1\0\win32[]
   Oueries value:
                                             HKLM\software\wow6432node\microsoft\internet explorer\feed
discovery[sound]
                                             HKCU\software\microsoft\ftp[use web based ftp]
   Queries value:
   Queries value:
                                             HKCU\software\microsoft\internet
explorer\services[selectionactivitybuttondisable]
   .
Queries value:
                                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecor
                                            ntrol\feature_subdownload_lockdown[flashplayer18_a_install.exe]
   Queries value:
                                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_subdownload_lockdown[*]
                                             HKLM\software\wow6432node\microsoft\internet
   Queries value:
explorer \verb|\main| featurecontrol| feature\_block\_lmz\_script[flashplayer18\_a\_install.exe]|
  Queries value:
                                             HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature block lmz script[*1
                                             HKCU\software\microsoft\windows\currentversion\internet
   Oueries value:
settings\5.0\user agent[]
                                             HKLM\software\wow6432node\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\user agent[]
                                             HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\user agent[compatible]
                                             .
HKLM\software\wow6432node\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\user agent[compatible]
   Queries value:
                                             HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\user agent[version]
                                             HKLM\software\wow6432node\microsoft\windows\currentversion\internet
  Oueries value:
settings\5.0\user agent[version]
   Queries value:
                                             HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\user agent[platform]
                                             HKLM\software\wow6432node\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\user agent[platform]
                                             HKLM\software\wow6432node\microsoft\windows\tablet pc[istabletpc]
   Queries value:
   Oueries value:
                                             HKCR\http\shell\open\command[]
                                             HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings\connections[defaultconnectionsettings]
   Oueries value:
                                             HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\connections[winhttpsettings]
   Queries value:
HKLM\system\currentcontrolset\control\securityproviders[securityproviders]
   Queries value:
                                             HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[name]
   Oueries value:
                                             HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[comment]
   Queries value:
\label{thm:local_ham} \begin{tabular}{ll} HKLM \end{tabular} system \current control \end{tabular} a \colored \colored
   Queries value:
                                             \label{thm:local_ham} HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[rpcid] \\ HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[version]] \\
   Oueries value:
   Oueries value:
                                             HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[type]
   Queries value:
HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[tokensize]
  Oueries value:
HKLM\system\currentcontrolset\control\securityproviders\schannel\u00edusercontextlockcountl
HKLM\system\currentcontrol\securityproviders\schannel[usercontextlistcount]
Queries value: HKLM\system\currentcontrolset\services\crypt32[diaglevel]
                                             HKLM\system\currentcontrolset\services\crypt32[diagmatchany
   Queries value:
   Oueries value:
HKLM\software\microsoft\systemcertificates\authroot\autoupdate[disallowedcertsyncde]tatime]
                                             HKLM\software\microsoft\cryptography\oid\encodingtype
   Queries value:
O\certdllcreatecertificatechainengine\config[disablemandatorybasicconstraints]
   Oueries value:
                                             {\tt HKLM \setminus software \setminus microsoft \setminus cryptography \setminus oid \setminus encoding type}
0\certdllcreatecertificatechainengine\config[disablecanameconstraints]
   Queries value:
                                             HKLM\software\microsoft\cryptography\oid\encodingtype
{\tt 0} \verb| certdllcreate certificate chain engine \verb| config[disable unsupported critical extensions]|
   Oueries value:
                                             {\tt HKLM \setminus software \setminus microsoft \setminus cryptography \setminus oid \setminus encoding type}
0\certdllcreatecertificatechainengine\config[maxaiaurlcountincert]
   Queries value:
                                             HKLM\software\microsoft\cryptography\oid\encodingtype
{\tt 0} {\tt certdllcreatecertificate chain engine \tt  {\tt config[maxaiaurlretrieval countper chain]}
   Oueries value:
                                             {\tt HKLM \setminus software \setminus microsoft \setminus cryptography \setminus oid \setminus encoding type}
0\certdllcreatecertificatechainengine\config[maxurlretrievalbytecount]
                                             HKLM\software\microsoft\cryptography\oid\encodingtype
{\tt 0} {\tt certdllcreatecertificate chain engine \tt  {\tt config[maxaiaurlretrieval by tecount]}
Queries value: HKLM\software\microsoft\cryptography\oid\encodingtype 0\certdllcreatecertificatechainengine\config[maxaiaurlretrievalcertcount]
                                             HKLM\software\microsoft\cryptography\oid\encodingtype
{\tt 0} \verb| certdllcreatecertificate chain engine \verb| config[cryptnetprefetchtriggerperiod seconds]| \\
HKLM\software\microsoft\cryptography\oid\encodingtype
{\tt 0} {\tt certdllcreatecertificate chain engine \tt `config[minrsapubkeybitlength]}
                                             HKLM\software\microsoft\cryptography\oid\encodingtype
  Oueries value:
0\certdllcreatecertificatechainengine\config[weakrsapubkeytime]
                                             {\tt HKLM \ } software \verb|\ microsoft \ \ cryptography \verb|\ oid \ \ encoding type \\
   Queries value:
0\certdllcreatecertificatechainengine\config[chaincacheresyncfiletime]
   Queries value:
HKL\\ M\ software \ microsoft\ system certificates \ \ 109f1 caed 645 bb 78 b3 ea 2 b94 c0 697 c740733031 c[blob]
   Queries value:
HKLM\software\microsoft\systemcertificates\ca\certificates\d559a586669b08f46a30a133f8a9ed3d038e2ea8[blob]
   Queries value:
HKL^{M} software \verb|\microsoft| system certificates \verb|\ca| certificates \verb|\fee449ee0e3965a5246f000e87fde2a065fd89d4[blob]| and the system certificates \verb|\ca| certificates certicates certificates certificates certificates certificates certifi
   Oueries value:
HKLM\software\microsoft\systemcertificates\ca\cr\s\a377d1b1c0538833035211f4083d00fecc414dab[b]ob]
   Queries value:
Oueries value:
HKLM \software \wow6432 node \microsoft \cryptography \defaults \provider \microsoft \enhanced \ rsa \ and \ aes
cryptographic provider[type]
   Queries value:
HKLM\software\wow6432node\microsoft\cryptography\defaults\provider\microsoft enhanced rsa and aes
cryptographic provider[image path]
HKCU\software\microsoft\systemcertificates\root\protectedroots[certificates]
```

```
Oueries value
HKLM\software\microsoft\systemcertificates\root\certificates\18f7c1fcc3090203fd5baa2f861a754976c8dd25[blob]
   Queries value:
Oueries value:
HKLM\software\microsoft\systemcertificates\root\certificates\3b1efd3a66ea28b16697394703a72ca340a05bd5[blob]
   Queries value:
Oueries value:
HKLM \label{lem:hklm} KLM \label{lem:hklm} HKLM \label{lem:hklm} Software \label{lem:hklm} wicrosoft \label{lem:hklm} Software \label{lem:hklm} wicrosoft \label{lem:hklm} Software \label{lem:hklm} Wilson \label{lem:hklm} HKLM \label{lem:hklm} Software \label{lem:hklm} Wilson \label{lem:hklm}
  Oueries value:
HKLM \setminus software \setminus microsoft \setminus system certificates \setminus root \setminus certificates \setminus be 36a 4562 fb 2ee 05dbb 3d32323adf 445084ed 656 [blob]
HKLM \setminus software \setminus microsoft \setminus system certificates \setminus cod4eeae6000ac7f40c3802c171e30148030c072[blob]
  Oueries value:
Queries value:
Oueries value:
Oueries value:
HKLM\software\microsoft\systemcertificates\authroot\certificates\97817950d81c9670cc34d809cf794431367ef474[blob]
  Oueries value:
HKL\\ MN software \verb|\microsoft| system certificates \verb|\authroot| certificates \verb|\authroot| d23209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| certificates \verb|\authroot| d23209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d23209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d33209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d33209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d33209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d33209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d33209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d33209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d33209 ad 23d 314232174 e40d 7f 9d 6213978 6633 a [blob] and the system certificates \verb|\authroot| d33209 ad 23d 314232174 e40d 7f 9d 6213978 e40d 7f 9d 6
   Oueries value:
HKLM\software\microsoft\systemcertificates\authroot\certificates\d4de20d05e66fc53fe1a50882c78db2852cae474[b]ob]
   Queries value:
HKLM \setminus software \setminus microsoft \setminus system certificates \setminus de 28f4a4ffe 5b92fa 3c503d1a 349a7f9962a 8212[blob]
  Oueries value:
                                         HKLM\software\wow6432node\microsoft\windows
nt\currentversion\winlogon[userenvdebuglevel]
   Queries value:
                                          HKLM\software\policies\microsoft\windows\system[gpsvcdebuglevel]
                                         HKLM\system\currentcontrolset\control\notifications[0d891e2aa3bc10f5]
   Queries value:
   Oueries value:
HKLM\software\microsoft\systemcertificates\authroot\autoupdate[disallowedcertlastsynctime]
   Queries value:
Oueries value:
Queries value:
                                         HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| cryptography\\| oid\\| encoding type
{\tt 0\backslash cryptdllfindoidinfo\backslash 1.3.6.1.4.1.311.47.1.1!7[name]}
  Oueries value:
HKLM \verb|\system| current controls et \verb|\control| mui \verb|\string cache settings[string cache generation]|
                                         HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype
{\tt 0} \verb| cryptdllfindoidinfo \verb| 1.3.6.1.4.1.311.64.1.1!7[name] \\
  Oueries value:
                                         HKCU\software\classes\local
settings\muicache\13\52c64b7e[@%systemroot%\system32\dnsapi.dll,-103]
                                          HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings\zones\0[1c00]
  Oueries value:
                                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\zones\0[1c00]
  Queries value:
                                         HKLM \ software \ wow 6432 node \ microsoft \ internet\ explorer \ default
behaviors[homepage]
   Queries value:
                                          HKCR\typelib\{7e8bc440-aeff-11d1-89c2-00c04fb6bfc4}\1.0\0\win32[]
   Queries value:
                                          HKCU\software\microsoft\internet explorer\main[start page]
   Queries value:
                                         HKLM\software\wow6432node\microsoft\internet explorer\default
behaviors[clientcaps]
                                          HKCR\typelib\{3050f1c5-98b5-11cf-bb82-00aa00bdce0b}\4.0\0\win32[]
   Queries value:
   Queries value:
                                          HKCU\software\microsoft\windows\currentversion\internet
settings[migrateproxy]
  Oueries value:
                                         HKCU\software\microsoft\windows\currentversion\internet
settings[proxyoverride]
   Queries value:
                                          HKCU\software\microsoft\windows\currentversion\internet
settings[autodetect]
                                         HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\connections[savedlegacysettings]
  Queries value:
                                         HKCU\software\microsoft\windows\currentversion\internet
settings[autoproxydetecttype]
  Queries value:
                                         HKLM\software\wow6432node\microsoft\internet
explorer \verb|\main| featurecontrol| feature\_max connections perserver [flashplayer 18\_a\_install.exe]|
                                         HKLM\software\wow6432node\microsoft\internet
   Queries value:
explorer\main\featurecontrol\feature_maxconnectionsperserver[*]
   Queries value:
                                         HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_maxconnectionsper1_Oserver[flashplayer18_a_install.exe]
  Queries value:
                                         HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature maxconnectionsper1 Oserver[*]
                                         HKCU\software\policies\microsoft\windows\currentversion\internet
   Oueries value:
settings[enableutf8]
  Queries value:
                                         HKLM\software\policies\microsoft\windows\currentversion\internet
settings[securitvidiuricachesize]
                                          HKCU\software\policies\microsoft\windows\currentversion\internet
  Oueries value:
settings[securityidiuricachesize]
  Oueries value:
                                         HKCU\software\microsoft\windows\currentversion\internet
settings[securityidiuricachesize]
   Queries value:
                                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings[securityidiuricachesize]
  Queries value:
                                         HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_block_lmz_img[flashplayer18_a_install.exe]
   Queries value:
                                         HKLM\software\wow6432node\microsoft\internet
```

Queries value: HKCR\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-79ce68d8abc2}\inprocserver32[inprocserver32]
Queries value: HKCR\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-79ce68d8abc2}\inprocserver32[]
Queries value: HKCR\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-

HKCR\.png[content type]

HKCU\software\classes\.png[content type]

HKCU\software\microsoft\internet explorer\recovery[autorecover]

HKCR\wow6432node\clsid\{317d06e8-5f24-433d-bdf7-79ce68d8abc2}[]

HKCU\software\microsoft\windows\currentversion\internet

explorer\main\featurecontrol\feature\_block\_lmz\_img[\*]

Queries value: Queries value:

Queries value:

Queries value:

settings\zones\3[1a10]
Oueries value:

```
79ce68d8abc2}\inprocserver32[threadingmodel]
                    HKCU\software\microsoft\windows\currentversion\internet
 Queries value:
settings\zones\3[{a8a88c49-5eb2-4990-a1a2-0876022c854f}]
 Queries value:
                    HKCU\software\microsoft\windows\currentversion\internet
settings[privacyadvanced]
 Queries value:
                    HKLM\software\wow6432node\microsoft\cryptography\defaults\provider
types\type 001[name]
 Queries value:
                    HKCR\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\1.1\0\win32[]
 Sets/Creates value:
Sets/Creates value:
1.00[displayversion]
 Sets/Creates value:
1.00[versionmajor]
 Sets/Creates value:
1.00[versionminor]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\windows\currentversion\uninstall\newproduct 1.00[publisher]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\windows\currentversion\uninstall\newproduct 1.00[displayicon]
 Sets/Creates value:
1.00[uninstallstring]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\windows\currentversion\uninstall\newproduct
1.00[urlinfoabout]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\windows\currentversion\uninstall\newproduct 1.00[helplink]
 Sets/Creates value:
1.00[installlocation]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\windows\currentversion\uninstall\newproduct
1.00[installsource]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\windows\currentversion\uninstall\newproduct 1.00[installdate]
 Sets/Creates value:
HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ uninstall \ new product \ 1.00 [language]
 Sets/Creates value:
HKLM\software\wow6432node\microsoft\windows\currentversion\uninstall\newproduct
1.00[estimatedsize]
 Sets/Creates value:
Sets/Creates value:
HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ uninstall \ new product \ 1.00 [nor epair]
                    HKLM\system\currentcontrolset\services\devicesync[description]
 Sets/Creates value:
 Value changes:
                    HKCU\software\microsoft\windows\currentversion\internet
settings\zonemap[uncasintranet]
 Value changes:
                    HKCU\software\microsoft\windows\currentversion\internet
settings\zonemap[autodetect]
 Value changes:
Value changes:
                    HKLM\system\currentcontrolset\services\devicesync[type]
 Value changes:
                    HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\content[cacheprefix]
 Value changes:
                    HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\cookies[cacheprefix]
 Value changes:
                    HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\history[cacheprefix]
                    HKU\s-1-5-21-1923240461-1905901954-2556564120-
 Value changes:
1001\software\microsoft\windows\currentversion\internet settings[proxyenable]
 Value changes:
                    HKII\s-1-5-21-1923240461-1905901954-2556564120-
Value changes:
HKLM\software\wow6432node\microsoft\directdraw\mostrecentapplication[name]
                    HKLM\software\wow6432node\microsoft\directdraw\mostrecentapplication[id]
 Value changes:
```

Value changes: HKCU\software\classes\local settings\muicache\13\52c64b7e[languagelist]

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

settings[proxyenable]

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

settings\connections[savedlegacysettings]