Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Task ID: Risk Level:

Date Processed: 2016-03-29 05:50:03 (UTC) 63.04 seconds IntelliVM

Processing Time: Virtual Environment:

Execution Arguments: "c:\windows\temp\spyeye_inj_ector_.exe"

Sample ID: Type: Owner: Label: basic admin

spyeye%inj%ector%.exe 2016-03-29 05:50:03 (UTC) PE32:win32:gui Date Added: File Type: File Size:

103936 bytes

MD5: SHA256: b98bb67428c3dbffcfcab2414c6daa2 fc7f54ce456c164452d8429a7fd5f52629a69338f8954e287d2664c03c37e029

Description:

Pattern Matching Results

6 Modifies registry autorun entries
7 Writes to memory of system processes
6 Writes to system32 folder
10 Suspicious writeprocess: Spyeye [Banking]
5 Abnormal sleep detected
5 Installs service
8 Possible kernel API resolver

3 HTTP connection - response code 200 (success)
3 Connects to local host
2 PE: Nonstandard section

Pe: Nonstandard section
Terminates process under Windows subfolder
Reads process memory
Pe: Contains compressed section
Notifies system about Internet connection change
Connects to local IP

5 Packer: UPX
5 Adds autostart object

10 Creates malicious mutex: Spyeye [Banking]

Static Events

Anomaly: PE: Contains a virtual section Anomaly: Packer: PE: Contains one or more non-standard sections

Process/Thread Events

Creates process:	C:\windows\temp\spyeye_inj_ectorexe
["C:\windows\temp\spyeye	_inj_ectorexe"]
Creates process:	<pre>C:\WinOldFileq\83A494219A6.exe ["C:\WinOldFileq\83A494219A6.exe"]</pre>
Creates process:	C:\Windows\system32\rundl132.exe ["C:\Windows\system32\rundl132.exe"
"C:\Windows\system32\WIN	INET.dll",DispatchAPICall 1]
Reads from process:	PID:2600 C:\Windows\System32\rundll32.exe
Reads from process:	PID:2680 C:\Windows\System32\calc.exe
Reads from process:	PID:2712 C:\Windows\System32\rundll32.exe
Reads from process:	PID:2792 C:\Windows\System32\rundll32.exe
Reads from process:	PID:3076 C:\Windows\System32\rundll32.exe
Reads from process:	PID:3128 C:\Windows\System32\rundll32.exe
Reads from process:	PID:3180 C:\Windows\System32\rundll32.exe
Reads from process:	PID:3228 C:\Windows\System32\rundll32.exe
Reads from process:	PID:3284 C:\Windows\System32\rundll32.exe
Reads from process:	PID:3348 C:\Windows\System32\rundll32.exe
Writes to process:	PID:1180 C:\Windows\explorer.exe
Writes to process:	PID:360 C:\Windows\System32\wininit.exe
Writes to process:	PID:408 C:\Windows\System32\winlogon.exe
Writes to process:	PID:452 C:\Windows\System32\lsass.exe
Writes to process:	PID:460 C:\Windows\System32\lsm.exe
Writes to process:	PID:580 C:\Windows\System32\svchost.exe
Writes to process:	PID:644 C:\Windows\System32\svchost.exe
Writes to process:	PID:692 C:\Windows\System32\svchost.exe
Writes to process:	PID:808 C:\Windows\System32\svchost.exe
Writes to process:	PID:860 C:\Windows\System32\svchost.exe
Writes to process:	PID:976 C:\Windows\System32\svchost.exe
Writes to process:	PID:1164 C:\Windows\System32\dwm.exe
Writes to process:	PID:1248 C:\Windows\System32\spoolsv.exe
Writes to process:	PID:1284 C:\Windows\System32\taskhost.exe
Writes to process:	PID:1312 C:\Windows\System32\svchost.exe
Writes to process:	PID:1380 C:\Program Files\Adobe\Reader 9.0\Reader\reader_sl.exe
Writes to process:	PID:1464 C:\Windows\System32\svchost.exe
Writes to process:	PID:1520 C:\Windows\System32\svchost.exe
Writes to process:	PID:1944 C:\Windows\System32\UIODetect.exe
Writes to process:	PID:2032 C:\Windows\System32\svchost.exe
Writes to process:	PID:1716 C:\Windows\System32\mobsync.exe
Writes to process:	PID:1692 C:\Windows\System32\taskhost.exe
Writes to process:	PID:1804 C:\Windows\System32\wbem\unsecapp.exe
Writes to process:	PID:2104 C:\Windows\System32\wbem\WmiPrvSE.exe
Writes to process:	PID:2160 C:\Windows\System32\conhost.exe
Writes to process:	PID:2172 C:\Windows\Temp\spyeye_inj_ectorexe
Writes to process:	PID:2600 C:\Windows\System32\rundll32.exe
Writes to process:	PID:2712 C:\Windows\System32\rundll32.exe
Writes to process:	PID:2792 C:\Windows\System32\rundll32.exe
Writes to process:	PID:3076 C:\Windows\System32\rundll32.exe
Writes to process:	PID:3128 C:\Windows\System32\rundll32.exe
Writes to process:	PID:3180 C:\Windows\System32\rundll32.exe
Writes to process:	PID:3228 C:\Windows\System32\rundll32.exe
Writes to process:	PID:3284 C:\Windows\System32\rundll32.exe
Writes to process:	PID:3348 C:\Windows\System32\rundll32.exe
Terminates process:	C:\WinOldFileq\83A494219A6.exe
Terminates process:	C:\Windows\Temp\spyeye_inj_ectorexe
Terminates process:	C:\Windows\System32\rundl132.exe
Terminates process:	C:\Windows\System32\mobsync.exe
Creates remote thread:	System

Named Object Events

Creates mutex:	\Sessions\1\BaseNamedObjects\DBWinMutex
Creates mutex:	\BaseNamedObjects\RPCController
Creates mutex:	\Sessions\1\BaseNamedObjects\zXeRY3a_PtW 00000000
Creates mutex:	\BaseNamedObjects\zXeRY3a_PtW 00000000
Creates mutex:	\BaseNamedObjects\M3wSKWK7maYCqA95g79Wq3uQs1gCA
Creates mutex:	\Sessions\1\BaseNamedObjects_!MSFTHISTORY!_
Creates mutey:	

```
\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!local!microsoft!windows!temporary internet
files!content.ie5!
 Creates mutex
\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!roaming!microsoft!windows!cookies!
\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!local!microsoft!windows!history!history.ie5!
 Creates mutex:
                          \Sessions\1\BaseNamedObjects\WininetStartupMutex
\Sessions\1\BaseNamedObjects\WininetConnectionMutex
 Creates mutex:
                          Creates mutey
                          \Sessions\1\BaseNamedObjects\_!MSFTHISTORY!_LOW!
 Creates mutex:
 Creates mutex
\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!local!microsoft!windows!temporary internet
files!low!content ie5!
 Creates mutex:
\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!roaming!microsoft!windows!cookies!low!
 Creates mutex
\Sessions\1\BaseNamedObjects\c:!users!admin!appdata!local!microsoft!windows!history!low!history.ie5!
                          \Sessions\1\BaseNamedObjects\IESQMMUTEX_0_208
\Sessions\1\BaseNamedObjects\!IETld!Mutex
 Creates mutey
```

\BaseNamedObjects\SvcctrlStartEvent A3752DX \KernelObjects\SuperfetchTracesReady \KernelObjects\SuperfetchParametersChanged

\KernelObjects\PrefetchTracesReady \BaseNamedObjects\BFE_Notify_Event_{4c5d64bd-7721-4661-8bc5-

\Security\LSA_AUTHENTICATION_INITIALIZED \Sessions\1\BaseNamedObjects\4FBEA4B1 Creates semaphore:

Creates mutex: Creates event:

Creates event: Creates event: Creates event: Creates event:

6cc92228969f}

File System Events C:\WinOldFileq C:\WinOldFileq\ Creates Creates: C:\WinOldFileg\83A494219A6.exe Creates: Creates C:\WinOldFileq\9C413B7B23C1D6D C:\Users\Admin Creates Creates C:\Users\Admin\AppData\Local Creates C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files Creates: C:\Users\Admin\AppData\Roaming C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies C:\Users\Admin\AppData\Local\Microsoft\Windows\History Creates: Creates C:\Windows\Prefetch\NTOSBOOT-BOODFAAD.pf
C:\Windows\Prefetch\CONHOST.EXE-1F3E9D7E.pf Creates Creates: Creates: C:\Users\Admin\Favorites C:\Users\Admin\AppData\Roaming\Microsoft\Windows\PrivacIE
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatCache
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IETldCache
C:\Windows\Prefetch\RUNDLL32.EXE-1304AE86.pf Creates Creates: Creates: Creates: Creates

Creates:

C:\Windows\System32\wfp\wfpdiag.etl Creates:

Opens: C:\Windows\Prefetch\SPYEYE_INJ_ECTOR_.EXE-76AA8D3E.pf

Opens:

C:\Windows\System32 C:\Windows\System32\sechost.dll Opens:

Opens: C:\Windows\System32\kernel32.dll Opens:

Opens:

C:\Windows\Globalization\Sorting\SortDefault.nls C:\Windows\System32\ntdl1.dl1 Opens:

Opens: C:\WinOldFilea

C:\WinOldFileq\
C:\Windows\Temp\spyeye_inj_ector_.exe Opens: Opens:

C:\WinOldFileq\83A494219A6.exe C:\Windows\AppPatch\sysmain.sdb C:\WinOldFileq\ui\SwDRM.dll Opens: Opens: Opens:

C:\Windows\Prefetch\83A494219A6.EXE-0D3DE1A1.pf
C:\Windows\System32\imm32.dll Opens:

Opens: Opens: C:\WinOldFileq\MSIMG32.dl1
C:\Windows\System32\msimg32.dl1 Opens: C:\WinOldFilea\9C413B7B23C1D6D Opens: C:\Windows\MSIMG32.dll C:\Windows\System32\user32.dll Opens: Opens: Opens C:\Windows\CSC\v2 0 6\namesnace :\Windows\System32\wininet.dll Opens: Opens: C:\Windows\Svstem32\ws2 32.dll C:\Windows\System32\advapi32.dll C:\Windows\System32\crypt32.dll Opens: Opens: Opens: C:\Windows\System32\tzres.dll
C:\Windows\System32\en-US\tzres.dll.mui Opens: Opens: C:\Windows\Svstem32\mswsock.dll C:\Windows\System32\WSHTCPIP.DLL
C:\Windows\Explorer.EXE.Local\ Opens:

Opens: C:\Windows\winsxs\x86_microsoft.windows.common-controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2

Opens: C:\Users\Admin

Opens: C:\Users\Admin\AppData\Local

C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files Opens: ${\tt C:\Wsers\Admin\AppData\Local\Microsoft\Windows\Temporary\ Internet}$ Opens:

Files\desktop.ini Opens:

C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporarv Internet Files\Content.IE5

Opens:

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

Files\Content.IE5\desktop.ini
Opens: C:\Users\Admin\AppData\Roaming
Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies C:\Users\Admin\AppData\Local\Microsoft\Windows\History
C:\Users\Admin\AppData\Local\Microsoft\Windows\History\desktop.ini

Opens: Opens: $C: \verb|\Users\Admin\AppData\Local\Microsoft\Windows\History\History.IE5| \\$

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

 ${\tt C: \ Vars \ Admin\ AppData \ Local \ Microsoft\ Windows\ Temporary\ Internet}$ Files\Content.IE5\index.dat

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

Opens:

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

C:\windows\temp\MSIMG32.dll C:\Windows\dnsapi.DLL Opens: Opens: Opens: C:\Windows\System32\dnsapi.dll

Opens C:\Users\Admin\AppData\Roaming\Microsoft\SystemCertificates\My\Certificates

C:\Users\Admin\AppData\Roaming\Microsoft\SystemCertificates\My\CRLs
C:\Users\Admin\AppData\Roaming\Microsoft\SystemCertificates\My\CTLs Opens: Opens:

C:\windows\temp\spyeye_inj_ector_.exe
C:\Program Files\Adobe\Reader 9.0\Reader\MSIMG32.dll Opens:

Opens Opens: C:\Windows\System32\dot3api.dll

Opens C:\Windows\Svstem32\eappcfg.dll C:\Windows\System32\wlanhlp.dll C:\Windows\System32\wlanapi.dll Opens: Opens: C:\Windows\System32\wlanutil.dll
C:\Windows\System32\onex.dll Opens: Opens: C:\Windows\Svstem32\eappprxv.dll Opens: C:\ProgramData\Microsoft\Network\Connections\Pbk\C:\Windows\System32\ras Opens: Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Network\Connections\Pbk Opens Opens Opens: C:\Windows\Prefetch \\?\Volume{69d250e3-6c18-11e3-b3bc-806e6f6e6963} \\?\Volume{69d250e3-6c18-11e3-b3bc-806e6f6e6963}\ Opens: Opens: $\label{lem:c:windows} $$C:\windows\System32\en-US\sysmain.dll.mui $$\\column{2.5cm} \column{2.5cm} \column{2$ Opens Opens Opens: \\?\Volume{69d250e3-6c18-11e3-b3bc-806e6f6e6963}\ReadvBoost.sfcache C:\ReadyBoostPerfTest.tmp C:\ReadyBoost.sfcache Opens: Opens: C:\Windows\Prefetch\AgGlGlobalHistory.db
C:\Windows\Prefetch\AgGlFaultHistory.db Opens: Opens C:\Windows\Prefetch\AgGlFgAppHistory.db C:\Windows\Prefetch\AgAppLaunch.db C:\Windows\Prefetch\MSIEXEC.EXE-A2D55CB6.pf Opens: Opens: Opens: Opens: Opens: C:\Windows\Prefetch\TEXPLORE.EXE-908C99F8.pf C:\Windows\Prefetch\CMD.EXE-4A81B364.pf C:\Windows\Prefetch\EXPLORER.EXE-A80E4F97.pf Opens: C:\Windows\Prefetch\TASKHOST.EXE-7238F31D.pf
C:\Windows\Prefetch\SYSTEMPROPERTIESADVANCED.EXE-68C7C4F0.pf Opens: Opens: Opens: C:\Windows\Prefetch\LOGONUI.EXE-09140401.pf C:\Windows\Prefetch\ACRORD32.EXE-172CF576.pf Opens: C:\Windows\Prefetch\AgRobust.db C:\Windows\Prefetch\LongTermHist.db C:\Windows\System32\secur32.dll Opens: C:\Windows\System32\credssp.dl1
C:\Windows\Prefetch\PfSvPerfStats.bin
C:\Windows\Prefetch\NTOSBOOT-BOODFAAD.pf Opens: Opens Opens: C:\Windows\Prefetch\CONHOST.EXE-1F3E9D7E.pf
C:\Windows\Prefetch\PYTHONW.EXE-DD01C6BD.pf Opens: Opens: Opens: C:\Windows\Prefetch\REG.EXE-E7E8BD26.pf
C:\Windows\RASAPI32.dll Opens Opens: C:\Windows\System32\rasapi32.dll \Windows\rasman.dll Opens: C:\Windows\Svstem32\rasman.dll Opens: Opens: C:\Windows\rtutils.dll
C:\Windows\System32\rtutils.dll Opens: Opens: C:\Windows\sensapi.dll \Windows\System32\SensApi.dll Opens: C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Opens: Files\Low C:\Users\Admin\AppData\Local\Microsoft\Windows Opens: Opens: C:\Users\Admin\AppData\Local\Microsoft :\Users\Admin\AppData Opens: Opens: C:\Users Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\Low C:\Users\Admin\AppData\Roaming\Microsoft\Windows Opens: C:\Users\Admin\AppData\Roaming\Microsoft
C:\Windows\System32\Sens.dll Opens Opens: C:\Users\Admin\AppData\Local\Microsoft\Windows\Historv\Low Opens: Opens: C:\Windows\System32\stdole2.tlb
C:\Users\Admin\Favorites Opens: Onens C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files\Virtualized C:\Users\Admin\AppData\Roaming\Microsoft\Windows\PrivacIE Opens: Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\PrivacIE\Low
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatCache Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IECompatCache\Low C:\Users\Admin\AppData\Roaming\Microsoft\Windows\IETldCache Opens: Opens: $C: Users \land dmin \land ppData \land Gaming \land Microsoft \land Windows \land ETIdCache \land C: \Users \land dmin \land ppData \land C: \Users \land Gamin \land ppData \land C: \Users \land Gamin \land Gami$ Opens: Opens: Opens: C:\Windows\System32\rundl132.exe
C:\Windows\Prefetch\RUNDLL32.EXE-1304AE86.pf Opens: Opens: Opens: C:\Windows\rasadhlp.dll C:\Windows\System32\rasadhlp.dll
C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low\History.IE5 Opens: Onens ${\tt C:\Windows\Temporary\ Internet} \\$ Files\Low\Content.IE5 Opens: C:\Windows C:\Windows\AppPatch
C:\Windows\Globalization Opens: C:\Windows\Globalization\Sorting
C:\Windows\System32\NapiNSP.dll Opens: Opens C:\Windows\System32\pnrpnsp.dll
C:\Windows\System32\en-US
C:\Windows\System32\apisetschema.dll Opens: Opens: Opens: Opens: C:\Windows\System32\KernelBase.dll
C:\Windows\System32\locale.nls Opens C:\Windows\System32\gdi32.dll C:\Windows\System32\lpk.dll C:\Windows\System32\usp10.dll Opens: Opens: Opens: C:\Windows\System32\msvcrt.dll
C:\Windows\System32\imagehlp.dll Opens: Opens: Opens: C:\Windows\System32\winrnr.dll C:\Windows\System32\apphelp.dll
C:\Windows\AppPatch\AcLayers.dll Opens: Opens: C:\Windows\System32\sspicli.dll C:\Windows\System32\rpcrt4.dll Opens: Opens: C:\Windows\System32\shell32.dll
C:\Windows\System32\shlwapi.dll Opens: Opens: C:\Windows\Svstem32\wship6.dll Opens: C:\Windows\System32\ole32.dll C:\Windows\System32\oleaut32.dll Opens: Opens: C:\Windows\System32\userenv.dll
C:\Windows\System32\profapi.dll Opens Opens: Opens: C:\Windows\Svstem32\winspool.dry C:\Windows\System32\mpr.dll
C:\Windows\System32\msctf.dll Opens: Opens: C:\Windows\System32\en-US\rundll32.exe.mui
C:\Windows\System32\urlmon.dll Opens Opens:

C:\Windows\System32\dwmapi.dll
C:\Windows\winsxs\x86_microsoft.windows.common Opens controls 6595b64144ccf1df 6.0.7601.17514 none 41e6975e2bd6f2b2\comctl32.dll

C:\Windows\Svstem32\msasn1.dll

C:\Windows\System32\iertutil.dll C:\Windows\System32\uxtheme.dll

C:\Windows\WindowsShell.Manifest

Opens:

Opens: Opens:

Onens:

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

Files\Low\Content.IE5\index.dat
Opens:

C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\Low\index.dat
C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low\History.IE5\index.dat
  Opens:
                                  C:\Windows\Svstem32\nsi.dll
                                  C:\Windows\System32\IPHLPAPI.DLL
C:\Windows\System32\winnsi.dll
  Opens:
  Opens:
                                  C:\Windows\System32\nlaapi.dll
C:\Windows\System32\cryptbase.dll
  Opens
  Opens:
  Opens:
                                  C:\Windows\Svstem32\en-US\wininet.dll.mui
                                  C:\Windows\System32\rpcss.dll
C:\Windows\System32\drivers\etc\hosts
  Opens:
  Opens:
                                  C:\Windows\System32\FWPUCLNT.DLL
C:\Windows\system32\WININET.dll.manifest
  Opens
  Opens:
  Opens:
                                  C:\Windows\system32\rundl132.exe.Local\
                                  C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
Files\Low\desktop.ini
                                  {\tt C:\Wers\Admin\AppData\Local\Microsoft\Windows\Temporary\ Internet}
Files\Low\Content.IE5\desktop.ini
  Opens:
                                  C:\Users\Admin\AppData\Local\Microsoft\Windows\Historv\Low\desktop.ini
C:\Users\Admin\AppData\Local\Microsoft\Windows\History\Low\History.IE5\desktop.ini
  Opens:
                                  C:\Windows\System32\drivers\etc\lmhosts
C:\Windows\System32\calc.exe
  Opens:
                                  C:\dump.pcap
                                  C:\Windows\System32\en-US\urlmon.dll.mui
  Opens:
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@www.microsoft[2].txt
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@microsoft[1].txt
                                  C:\Windows\Prefetch\ReadyBoot\Trace3.fx
  Opens:
Opens:
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@microsoft[2].txt
  Opens:
                                  C:\$MFT
                                  C:\$Secure:$SDS
                                  C:\$Extend\$UsnJrnl:$J
  Opens:
  Opens:
                                  C:\System Volume Information
C:\Windows\System32\CodeIntegrity\driver.stl
  Opens:
  Opens:
                                  C:\ProgramData
                                  C:\ProgramData\Microsoft
  Opens:
                                  C:\ProgramData\Microsoft\MF\Active.GRL
  Opens:
  Opens:
                                  C:\Windows\System32\drivers
C:\Windows\System32\drivers\cdrom.sys
  Opens:
                                  C:\Windows\System32\CodeIntegrity\bootcat.cache
C:\Windows\System32\drivers\null.sys
C:\Windows\System32\drivers\beep.sys
  Opens:
  Opens:
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\vga.sys
C:\Windows\System32\drivers\videoprt.sys
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\watchdog.sys
                                  C:\Windows\System32\drivers\RDPCDD.sys
  Opens:
                                  C:\Windows\Svstem32\drivers\RDPENCDD.svs
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\RDPREFMP.sys
C:\Windows\System32\drivers\msfs.sys
  Opens:
                                  C:\Windows\System32\drivers\npfs.sys
C:\Windows\System32\drivers\tdx.sys
  Opens
  Opens:
                                  C:\Windows\Svstem32\drivers\tdi.svs
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\afd.sys
C:\Windows\System32\drivers\netbt.sys
  Opens:
                                  C:\Windows\System32\drivers\wfplwf.sys
C:\Windows\System32\drivers\pacer.sys
  Opens
  Opens:
  Opens:
                                  C:\Windows\Svstem32\drivers\netbios.svs
  Opens:
                                  C:\Windows\System32\drivers\wanarp.sys
C:\Windows\System32\drivers\termdd.sys
  Opens:
                                  C:\Windows\System32\drivers\rdbss.sys
C:\Windows\System32\drivers\nsiproxy.sys
  Opens:
  Opens:
  Opens:
                                  C:\Windows\Svstem32\drivers\mssmbios.svs
  Opens:
                                  C:\Windows\System32\drivers\discache.sys
C:\Windows\System32\drivers\csc.sys
  Opens:
                                  C:\Windows\System32\drivers\dfsc.sys
C:\Windows\System32\drivers\blbdrive.sys
  Opens:
  Opens
  Opens:
                                  C:\Windows\bootstat.dat
                                  C:\Windows\System32\smss.exe
C:\Windows\System32\drivers\tunnel.sys
  Opens:
                                  C:\Windows\System32\drivers\i8042prt.sys
C:\Windows\System32\drivers\kbdclass.sys
  Opens:
  Opens
  Opens:
                                  C:\Windows\Svstem32\drivers\mouclass.svs
                                  C:\Windows\System32\drivers\parport.sys
C:\Windows\System32\drivers\vgapnp.sys
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\E1G60I32.sys
C:\Windows\System32\drivers\CmBatt.sys
  Opens:
  Opens
  Opens:
                                  C:\Windows\System32\drivers\CompositeBus.sys
                                  C:\Windows\System32\drivers\agilevpn.sys
C:\Windows\System32\drivers\ras12tp.sys
  Opens:
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\ndistapi.sys
C:\Windows\System32\drivers\ndiswan.sys
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\raspppoe.sys
                                  C:\Windows\System32\drivers\raspptp.sys
C:\Windows\System32\drivers\rassstp.sys
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\rdpbus.sys
C:\Windows\System32\drivers\swenum.sys
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\ks.sys
C:\Windows\System32\drivers\umbus.sys
C:\Windows\System32\autochk.exe
  Opens:
  Opens:
  Opens:
                                  C:\Windows\System32\drivers\ndproxy.sys
C:\Users\Admin\Documents
  Opens:
  Opens:
  Opens:
                                  C:\Users\Default
  Opens:
                                     \Users\Default\AppData\Local
  Opens:
                                  C:\Users\Default\Documents
  Opens:
                                  C:\Users\Public
                                  C:\Users\Public\Documents
  Opens:
                                  C:\Windows\System32\difxapi.dll
C:\Windows\System32\normaliz.dll
  Opens
  Opens:
  Opens:
                                  C:\Windows\Svstem32\Wldap32.dll
                                  C:\Windows\System32\clbcatq.dll
C:\Windows\System32\psapi.dll
  Opens:
  Opens:
                                  C:\Windows\System32\setupapi.dll
C:\Windows\System32\comdlg32.dll
  Opens
  Opens:
  Opens:
                                  C:\Windows\Svstem32\devobi.dll
                                  C:\Windows\System32\wintrust.dll
C:\Windows\System32\cfgmgr32.dll
  Opens:
  Opens:
                                  C:\Windows\System32\comctl32.dl1
C:\Windows\System32\config
  Opens:
  Opens:
  Opens:
                                  C:\Windows\Svstem32\config\SOFTWARE
```

C:\Windows\System32\LogFiles

```
Opens
                                                C:\Windows\Svstem32\LogFiles\WMI
                                                C:\Windows\System32\LogFiles\WMI\RtBackup
C:\Windows\System32\LogFiles\WMI\RtBackup\EtwRTEventLog-Application.etl
   Opens:
   Opens:
                                                 \label{lem:c:windows} C: \windows \system 32 \config\TxR \\ C: \windows \system 32 \config\TxR \\
   Opens:
   Opens:
                                                C:\Windows\System32\config\TxR\{6cced301-6e01-11de-8bed
   Opens:
001e0bcd1824}.TM.blf
                                                C:\Windows\System32\config\TxR\{6cced301-6e01-11de-8bed-
   Opens
001e0bcd1824}.TMContainer000000000000000001.regtrans-ms
Opens: C:\Windows\System32\win32k.sys
                                                {\tt C:\Windows\System32\LogFiles\WMI\RtBackup\EtwRTDiagLog.etl}
   Opens:
                                                C:\Windows\System32\drivers\dxapi.sys
C:\Windows\System32\config\DEFAULT
   Opens:
   Opens:
                                                C:\Windows\System32\csrss.exe
C:\Windows\System32\csrsrv.dll
   Opens
   Opens:
   Opens:
                                                C:\Windows\Svstem32\basesrv.dll
                                                C:\Windows\System32\winsrv.dll
C:\Windows\System32\en-US\csrss.exe.mui
   Opens:
   Opens:
                                                C:\Windows\System32\en-US\winsrv.dll.mui
C:\Windows\System32\drivers\dxg.sys
   Opens:
   Opens:
   Opens:
                                                C:\Windows\Svstem32\FNTCACHE.DAT
                                                C:\Windows\System32\en-US\win32k.sys.mui
C:\Windows\System32\drivers\monitor.sys
   Opens:
   Opens:
Opens:
                                                C:\Windows\AppPatch\drvmain.sdb
C:\Windows\System32\tsddd.dl1
   Opens:
                                                C:\Windows\Fonts
                                                C:\Windows\Fonts\vgasys.fon
C:\Windows\Fonts\vgaoem.fon
   Opens:
   Opens:
Opens:
                                                C:\Windows\Fonts\vgafix.fon
C:\Windows\Fonts\dosapp.fon
   Opens:
                                                C:\Windows\Fonts\cga40woa.for
                                                C:\Windows\Fonts\cga80woa.fon
C:\Windows\Fonts\ega40woa.fon
   Opens:
                                                C:\Windows\Fonts\ega80woa.fon
C:\Windows\System32\sxssrv.dll
   Opens:
   Opens
   Opens:
                                                C:\Windows\Svstem32\wininit.exe
                                                C:\Windows\System32\en-US\wininit.exe.mui
C:\Windows\System32\RpcRtRemote.dll
   Opens:
   Opens:
   Opens:
                                                C:\Windows\System32\vga.dl1
C:\Windows\System32\framebuf.dl1
   Opens:
   Opens:
                                                C:\Windows\System32\vga256.dll
                                                C:\Windows\System32\vga64k.dll
C:\Windows\System32\winlogon.exe
   Opens:
   Opens:
   Opens:
                                                C:\Windows\System32\KBDUS.DLL
C:\Windows\Fonts\batang.ttc
   Opens:
                                                C:\Windows\Fonts\gulim.ttc
C:\Windows\Fonts\malgun.ttf
   Opens:
   Opens:
   Opens:
                                                C:\Windows\Fonts\malgunbd.ttf
   Opens:
                                                C:\Windows\Fonts\meiryo.ttc
C:\Windows\Fonts\meiryob.ttc
   Opens:
   Opens:
                                                C:\Windows\Fonts\msih.ttf
                                                 C:\Windows\Fonts\msjhbd.ttf
   Opens:
   Opens:
                                                C:\Windows\Fonts\msvh.ttf
   Opens:
                                                C:\Windows\Fonts\msyhbd.ttf
C:\Windows\Fonts\mingliu.ttc
   Opens:
   Opens
                                                C:\Windows\Fonts\mingliub.ttc
                                                 C:\Windows\Fonts\msgothic.ttc
   Opens:
   Opens:
                                                C:\Windows\Fonts\msmincho.ttc
   Opens:
                                                C:\Windows\Fonts\segoeui.ttf
C:\Windows\Fonts\segoeuib.ttf
   Opens:
   Opens
                                                C:\Windows\Fonts\simsun ttc
                                                 C:\Windows\Fonts\simsunb.ttf
   Opens:
   Opens:
                                                C:\Windows\Fonts\tahoma.ttf
   Opens:
                                                C:\Windows\Fonts\micross.ttf
C:\Windows\System32\en-US\user32.dll.mui
   Opens:
   Opens:
                                                C:\Windows\Fonts\marlett ttf
                                                    :\Windows\Prefetch\ReadyBoot\ReadyBoot.etl
   Opens:
   Opens:
                                                C:\Windows\Cursors
   Opens:
                                                C:\Windows\Cursors\aero_arrow.cu
C:\Windows\Cursors\aero_busy.ani
   Opens:
   Opens:
                                                C:\Windows\Cursors\aero_up.cur
                                                 C:\Windows\Cursors\aero_nwse.cur
   Opens
   Opens:
                                                C:\Windows\Cursors\aero nesw.cur
                                                C:\Windows\Cursors\aero_ew.cur
C:\Windows\Cursors\aero_ns.cur
   Opens:
                                                C:\Windows\Cursors\aero_move.cur
C:\Windows\Cursors\aero_unavail.cur
   Opens:
   Opens
                                                C:\Windows\Cursors\aero_working.ani
C:\Windows\Cursors\aero_helpsel.cur
C:\Windows\Cursors\aero_pen.cur
   Opens:
   Opens:
                                                C:\Windows\Cursors\aero_link.cur
C:\Windows\System32\WlSOWndH.dll
   Opens:
   Opens:
   Opens:
                                                C:\Windows\System32\services.exe
                                                 C:\Windows\System32\sxs.dll
    Opens:
                                                C:\Windows\winsxs
   Opens:
   Opens:
                                                C:\Windows\winsxs\Manifests
C: Windows \\ wins xs \\ Manifests \\ x86\_microsoft. \\ windows. \\ system compatible\_6595b64144ccf1df\_6.0.7600.16385\_n \\ one\_49adccbde8169a03. \\ manifests \\ values \\ v
                                                C:\Windows\assembly
C:\Windows\assembly\GAC_32
   Opens:
   Opens:
Opens
                                                C:\Windows\winsxs\Manifests\x86 microsoft.windows.common-
controls\_6595b64144ccf1df\_5.82.7601.17514\_none\_ec83dffa859149af.manifest
C:\Windows\winsxs\Manifests\x86_microsoft.windows.i..utomation.proxystub_6595b64144ccf1df_1.0.7600.16385_none_9d148a8db8d32238.manifest
Opens: C:\Windows\winsxs\Manifests\x86_microsoft.windows.c..-
controls.resources_6595b64144ccf1df_5.82.7600.16385_en-us_020378a8991bbcc2.manifest
                                                C:\Windows\System32\lsass.exe
C:\Windows\System32\lsm.exe
   Opens:
                                                C:\Windows\System32\winsta.dll
C:\Windows\System32\en-US\winlogon.exe.mui
   Opens
   Opens:
                                                C:\Windows\Svstem32\scext.dll
   Opens:
                                                C:\Windows\System32\scesrv.dll
C:\Windows\System32\srvcli.dll
   Opens:
   Opens:
                                                C:\Windows\System32\en-US\services.exe.mui
C:\Windows\System32\aelupsvc.dll
   Opens
   Opens:
   Opens:
                                                C:\Windows\Svstem32\en-US\aelupsvc.dll.mui
                                                C:\Windows\System32\drivers\en-US
C:\Windows\System32\drivers\en-US\afd.sys.mui
   Opens:
   Opens:
                                                C:\Windows\System32\alg.exe
C:\Windows\System32\en-US\alg.exe.mui
   Opens:
   Opens:
   Opens:
                                                C:\Windows\System32\appidsvc.dl1
C:\Windows\System32\en-US\appidsvc.dl1.mui
```

Opens C:\Windows\Svstem32\appinfo.dll C:\Windows\System32\en-US\appinfo.dll.mui
C:\Windows\System32\appmgmts.dll Opens: Opens: C:\Windows\System32\en-US\appmgmts.dll.mui
C:\Windows\System32\rascfg.dll Opens: Opens: Opens: C:\Windows\System32\en-US\rascfg.dll.mui C:\Windows\System32\audiosrv.dll
C:\Windows\System32\en-US\AudioSrv.dll.mui Opens: Opens: C:\Windows\System32\AxInstSv.dll
C:\Windows\System32\en-US\AxInstSv.dll.mui Opens Opens Opens: C:\Windows\Svstem32\bdesvc.dll C:\Windows\System32\en-US\bdesvc.dll.mui
C:\Windows\System32\BFE.DLL Opens: Opens: C:\Windows\System32\en-US\bfe.dll.mui
C:\Windows\System32\qmgr.dll Onens: Opens C:\Windows\System32\en-US\qmgr.dll.mui Opens: C:\Windows\System32\sysntfy.dll C:\Windows\System32\wmsgapi.dll Opens: Opens: C:\Windows\System32\browser.dl1
C:\Windows\System32\en-US\browser.dl1.mui Opens: Opens

Opens: C:\Windows\Svstem32\bthserv.dll C:\Windows\System32\en-US\bthserv.dll.mui
C:\Windows\System32\certprop.dll Opens: Opens: Opens: C:\Windows\System32\en-US\certprop.dll.mui
C:\Windows\System32\clfs.sys C:\Windows\Svstem32\en-US\clfs.svs.mui Opens: C:\Windows\System32\sspisrv.dll
C:\Windows\System32\lsasrv.dll Opens: Opens: Opens: C:\Windows\System32\samsrv.dll
C:\Windows\System32\cryptdll.dll Opens: C:\Windows\Svstem32\wevtapi.dll C:\Windows\System32\cngaudit.dll C:\Windows\System32\authz.dll Opens: C:\Windows\System32\ncrypt.dll
C:\Windows\System32\bcrypt.dll Opens: Opens Opens: C:\Windows\Svstem32\en-US\lsasrv.dll.mui C:\Windows\System32\comres.dll
C:\Windows\System32\en-US\comres.dll.mui Opens: Opens: Opens: C:\Windows\System32\cryptsvc.dl1
C:\Windows\System32\en-US\cryptsvc.dl1.mui Opens Opens: C:\Windows\Svstem32\cscsvc.dll

Opens: C:\Windows\System32\en-US\oleres.dll.mui
C:\Windows\System32\defragsvc.dll Opens: Opens: C:\Windows\System32\config\SECURIT\ \Windows\System32\en-US\defragsvc.dll.mui Opens: C:\Windows\Svstem32\dhcpcore.dll Opens: Opens: C:\Windows\System32\en-US\dhcpcore.dll.mui
C:\Windows\System32\en-US\dnsapi.dll.mui Opens:

Opens: Opens: C:\Windows\System32\en-US\cscsvc.dll.mui
C:\Windows\System32\oleres.dll

Opens: C:\Windows\Svstem32\dot3svc.dll \Windows\System32\en-US\dot3svc.dll.mui Opens:

Opens: C:\Windows\Fonts\modern.fon Opens: C:\Windows\Fonts\roman.fon
C:\Windows\Fonts\script.fon Opens: Opens C:\Windows\Fonts\coure fon \Windows\Fonts\serife.fon Opens: Opens: C:\Windows\Fonts\sserife.fon Opens: C:\Windows\Fonts\smalle.fon
C:\Windows\Fonts\smallf.fon Opens: Opens C:\Windows\System32\msprivs.dll \Windows\System32\netjoin.dll Opens: Opens: C:\Windows\System32\negoexts.dll Opens:

C:\Windows\System32\kerberos.dll
C:\Windows\System32\cryptsp.dll Opens: C:\Windows\System32\msv1_0.dl1
C:\Windows\System32\wdi Opens: Opens Opens: C:\Windows\Svstem32\wdi\LogFiles

C:\Windows\System32\wdi\LogFiles\BootCKCL.etl
C:\Windows\System32\netlogon.dll

Opens: C:\Windows\System32\logoncli.dll
C:\Windows\System32\schannel.dll Opens: Opens Opens: C:\Windows\Svstem32\wdigest.dll C:\Windows\System32\C_28591.NLS C:\Windows\System32\rsaenh.dll Opens: C:\Windows\System32\TSpkg.dl1
C:\Windows\System32\pku2u.dl1 Opens: Opens

C:\Windows\System32\bryptprimitives.dll
C:\Windows\System32\efslsaext.dll
C:\Windows\System32\Microsoft\Protect\S-1-5-18 Opens:

Opens: Opens:

C:\Windows\System32\Microsoft\Protect\S-1-5-18\User
C:\Windows\System32\dps.dl1 Opens Opens: C:\Windows\System32\en-US\dps.dll.mui C:\Windows\System32\eapsvc.dll
C:\Windows\System32\eapsvc.dll.mui Opens Opens: Opens: C:\Windows\System32\efssvc.dl1
C:\Windows\System32\en-US\efssvc.dl1.mui Opens

Opens: C:\Windows\ehome

\Windows\ehome\ehrecvr.exe Opens Opens: C:\Windows\ehome\en-US

C:\Windows\ehome\en-US\ehrecvr.exe.mui
C:\Windows\System32\config\SAM Opens: Opens Opens: C:\Windows\ehome\ehsched.exe \Windows\ehome\en-US\ehsched.exe.mui Opens C:\Windows\Svstem32\wevtsvc.dll Opens: C:\Windows\System32\en-US\wevtsvc.dll.mui
C:\Windows\System32\FXSRESM.dll Opens: Opens: Opens:

C:\Windows\System32\en-US\FXSRESM.dll.mui C:\Windows\System32\scecli.dll C:\Windows\System32\fdPHost.dll Opens Opens: C:\Windows\System32\en-US\fdPHost.dll.mui
C:\Windows\System32\FDResPub.dll Opens: Opens: C:\Windows\System32\en-US\fdrespub.dll.mui C:\Windows\System32\drivers\fileinfo.sys Opens Opens: C:\Windows\System32\drivers\filetrace.sys Opens: C:\Windows\System32\drivers\fltMgr.sys
C:\Windows\System32\drivers\en-US\fltmgr.sys.mui Opens: Opens:

C:\Windows\System32\FntCache.dll
C:\Windows\System32\en-US\FntCache.dll.mui Onens: Opens: Opens: C:\Windows\Svstem32\PresentationHost.exe C:\Windows\System32\en-US\PresentationHost.exe.mui
C:\Windows\System32\drivers\fsdepends.sys Opens:

Opens: C:\Windows\System32\drivers\fvevol.sys
C:\Windows\System32\drivers\en-US\fvevol.sys.mui Opens: Opens: Opens:

C:\Windows\System32\gpapi.dll
C:\Windows\System32\en-US\gpapi.dll.mui

```
C:\Windows\Svstem32\hidserv.dll
  Opens
  Opens:
                                     C:\Windows\System32\en-US\hidserv.dll.mui
                                     C:\Windows\System32\KMSVC.DLL
  Opens:
                                    C:\Windows\System32\en-US\KMSVC.DLL.MUI
C:\Windows\System32\ListSvc.dll
  Opens:
  Opens:
  Opens:
                                     C:\Windows\Svstem32\en-US\listsvc.dll.mui
                                    C:\Windows\System32\provsvc.dll
C:\Windows\System32\en-US\provsvc.dll.mui
  Opens:
  Opens:
                                    C:\Windows\System32\drivers\http.sys
C:\Windows\System32\drivers\en-US\http.sys.mui
  Opens
  Opens
                                     C:\Windows\System32\drivers\hwpolicy.sys
  Opens:
                                    C:\Windows\Microsoft.NET
C:\Windows\Microsoft.NET\Framework
  Opens:
  Opens:
  Onens:
                                    C:\Windows\Microsoft NFT\Framework\v3 0\Windows Communication Foundation
                                     C:\Windows\Microsoft.NET\Framework\v3.0\Windows Communication
  Opens
Foundation\ServiceModelInstallRC.dll
Opens: C:\Windows\Microsoft.NET\Framework\v3.0\Windows Communication Foundation\en-US\ServiceModelInstallRC.dll.mui
                                    C:\Windows\System32\IKEEXT.DLL
C:\Windows\System32\en-US\ikeext.dll.mui
  Onens
  Opens:
  Opens:
                                    C:\Windows\Svstem32\IPBusEnum.dll
                                    C:\Windows\System32\en-US\IPBusEnum.dll.mui
C:\Windows\System32\iphlpsvc.dll
  Opens:
  Opens:
Opens:
                                    C:\Windows\System32\en-US\iphlpsvc.dll.mui
C:\Windows\System32\drivers\irenum.sys
                                    C:\Windows\System32\keyiso.dll
C:\Windows\System32\en-US\keyiso.dll.mui
C:\Windows\System32\srvsvc.dll
  Opens:
  Opens:
  Opens:
Opens:
                                    C:\Windows\System32\en-US\srvsvc.dll.mui
C:\Windows\System32\wkssvc.dll
  Opens:
                                     C:\Windows\Svstem32\en-US\wkssvc.dll.mui
                                    C:\Windows\System32\lltdres.dll
C:\Windows\System32\en-US\lltdres.dll.mui
  Opens:
                                    C:\Windows\System32\lmhsvc.dl1
C:\Windows\System32\en-US\lmhsvc.dl1.mui
  Opens:
  Opens
  Opens:
                                     C:\Windows\Svstem32\drivers\luafv.svs
                                       \Windows\System32\drivers\en-US\luafv.sys.mui
   Opens:
                                     C:\Windows\ehome\ehres.dll
  Opens:
  Opens:
                                    C:\Windows\ehome\en-US\ehres.dll.mui
C:\Windows\System32\mmcss.dll
  Opens
  Opens:
                                     C:\Windows\Svstem32\en-US\mmcss.dll.mui
                                    C:\Windows\System32\drivers\mountmgr.sys
C:\Windows\System32\drivers\en-US\mountmgr.sys.mui
  Opens:
  Opens:
  Opens:
                                    C:\Windows\System32\FirewallAPI.dll
C:\Windows\System32\en-US\FirewallAPI.dll.mui
  Opens:
  Opens:
                                     C:\Windows\System32\WebClnt.dll
                                    C:\Windows\System32\en-US\webclnt.dll.mui
C:\Windows\Prefetch\CALC.EXE-77FDF17F.pf
  Opens:
  Opens:
  Opens:
                                    C:\Windows\System32\drivers\mshidkmdf.sys
C:\Windows\System32\iscsidsc.dll
  Opens:
  Opens:
                                     C:\Windows\Svstem32\en-US\iscsidsc.dll.mui
                                       \Windows\System32\msimsg.dll
  Opens:
                                     C:\Windows\Svstem32\en-US\msimsg.dll.mui
  Opens:
  Opens:
                                    C:\Windows\System32\drivers\mup.sys
C:\Windows\System32\QAGENTRT.DLL
  Opens:
                                    C:\Windows\System32\en-US\QAgentRT.dll.mui
C:\Windows\System32\drivers\ndis.sys
  Opens
  Opens:
                                     C:\Windows\System32\drivers\en-US\ndis.sys.mui
  Opens:
  Opens:
                                    C:\Windows\System32\en-US\netlogon.dll.mui
C:\Windows\System32\netman.dll
  Opens:
                                    C:\Windows\System32\en-US\netman.dll.mui
C:\Windows\System32\netprofm.dll
  Opens
  Opens:
  Opens:
                                     C:\Windows\Svstem32\en-US\netprofm.dll.mui
  Opens:
                                    C:\Windows\System32\nlasvc.dll
C:\Windows\System32\en-US\nlasvc.dll.mui
  Opens:
                                    C:\Windows\System32\nsisvc.dl1
C:\Windows\System32\en-US\nsisvc.dl1.mui
  Opens:
  Opens
  Opens:
                                     C:\Windows\Svstem32\pnrpsvc.dll
                                    C:\Windows\System32\en-US\pnrpsvc.dll.mui
C:\Windows\System32\p2psvc.dll
  Opens:
                                    C:\Windows\System32\en-US\p2psvc.dll.mui
C:\Windows\System32\drivers\partmgr.sys
  Opens:
  Opens
  Opens:
                                     C:\Windows\System32\drivers\en-US\partmgr.sys.mui
                                    C:\Windows\System32\pcasvc.dl1
C:\Windows\System32\en-US\pcasvc.dl1.mui
  Opens:
                                    C:\Windows\System32\PeerDistSvc.dll
C:\Windows\System32\en-US\PeerDistSvc.dll.mui
  Opens:
  Opens
  Opens:
                                     C:\Windows\Svstem32\pla.dll
                                    C:\Windows\System32\en-US\pla.dll.mui
C:\Windows\System32\umpnpmgr.dll
  Opens:
                                    C:\Windows\System32\en-US\umpnpmgr.dll.mui
C:\Windows\System32\pnrpauto.dll
  Opens:
  Opens
                                    C:\Windows\System32\en-US\pnrpauto.dll.mui
C:\Windows\System32\polstore.dll
C:\Windows\System32\en-US\polstore.dll.mui
  Opens:
  Opens
  Opens:
  Opens:
                                    C:\Windows\System32\umpo.dll
C:\Windows\System32\en-US\umpo.dll.mui
  Opens
  Opens:
                                     C:\Windows\System32\profsvc.dll
                                    C:\Windows\System32\en-US\profsvc.dll.mui
C:\Windows\System32\psbase.dll
  Opens:
  Opens:
                                    C:\Windows\System32\en-US\psbase.dll.mui
C:\Windows\System32\drivers\en-US\pacer.sys.mui
  Opens:
  Opens:
                                    C:\Windows\System32\qwave.dll
C:\Windows\System32\en-US\qwave.dll.mui
C:\Windows\System32\drivers\qwavedrv.sys
  Opens:
  Opens:
  Opens:
                                    C:\Windows\System32\drivers\en-US\qwavedrv.sys.mui
C:\Windows\System32\rasauto.dl1
  Opens:
  Opens:
                                    C:\Windows\System32\en-US\rasauto.dll.mui
C:\Windows\System32\rasmans.dll
  Opens:
  Opens:
                                     C:\Windows\Svstem32\en-US\rasmans.dll.mui
  Opens:
                                    C:\Windows\System32\sstpsvc.dll
C:\Windows\System32\en-US\sstpsvc.dll.mui
  Opens:
  Opens:
                                    C:\Windows\System32\mprdim.dl1
C:\Windows\System32\en-US\mprdim.dl1.mui
  Opens
  Opens:
                                    C:\Windows\System32\regsvc.dll
C:\Windows\System32\en-US\regsvc.dll.mui
C:\Windows\System32\RpcEpMap.dll
  Opens:
  Opens:
  Opens:
                                    C:\Windows\System32\en-US\RpcEpMap.dll.mui
C:\Windows\System32\Locator.exe
  Onens:
  Opens:
  Opens:
                                     C:\Windows\Svstem32\en-US\Locator.exe.mui
                                    C:\Windows\System32\en-US\samsrv.dll.mui
C:\Windows\System32\SCardSvr.dll
  Opens:
  Opens:
                                    C:\Windows\System32\en-US\SCardSvr.dll.mui
C:\Windows\System32\drivers\scfilter.sys
  Opens:
  Opens:
  Opens:
                                     C:\Windows\System32\drivers\en-US\scfilter.sys.mui
```

C:\Windows\System32\schedsvc.dll

Opens C:\Windows\Svstem32\en-US\schedsvc.dll.mui C:\Windows\System32\sdrsvc.dll
C:\Windows\System32\en-US\sdrsvc.dll.mui Opens: Opens: C:\Windows\System32\seclogon.dll
C:\Windows\System32\en-US\seclogon.dll.mui Opens: Opens: Opens: C:\Windows\Svstem32\en-US\sens.dll.mui C:\Windows\System32\sensrsvc.dll
C:\Windows\System32\en-US\sensrsvc.dll.mui Opens: Opens: C:\Windows\System32\SessEnv.dll
C:\Windows\System32\en-US\sessenv.dll.mui Opens Opens Opens: C:\Windows\Svstem32\ipnathlp.dll C:\Windows\System32\en-US\ipnathlp.dll.mui
C:\Windows\System32\shsvcs.dll Opens: Opens: C:\Windows\System32\en-US\shsvcs.dll.mui
C:\Windows\System32\tcpipcfg.dll Opens Opens Opens: C:\Windows\System32\en-US\tcpipcfg.dll.mui C:\Windows\System32\snmptrap.exe
C:\Windows\System32\en-US\snmptrap.exe.mui Opens: Opens: C:\Windows\System32\spoolsv.exe
C:\Windows\System32\en-US\spoolsv.exe.mui Opens: Opens: Opens: C:\Windows\Svstem32\sppsvc.exe C:\Windows\System32\en-US\sppsvc.exe.mui
C:\Windows\System32\sppuinotify.dll

Opens: Opens: Opens: C:\Windows\System32\en-US\sppuinotify.dll.mui
C:\Windows\System32\ssdpsrv.dll Opens: C:\Windows\Svstem32\en-US\ssdpsrv.dll.mui C:\Windows\System32\wiaservc.dll
C:\Windows\System32\en-US\wiaservc.dll.mui Opens: Opens: Opens: C:\Windows\System32\vmstorfltres.dll
C:\Windows\System32\StorSvc.dll Opens: C:\Windows\System32\en-US\StorSvc.dll.mui C:\Windows\System32\swprv.dll
C:\Windows\System32\en-US\swprv.dll.mui Opens: C:\Windows\System32\sysmain.dll
C:\Windows\System32\TabSvc.dll Opens: Opens Opens: C:\Windows\Svstem32\en-US\TabSvc.dll.mui

C:\Windows\System32\tapisrv.dll
C:\Windows\System32\en-US\tapisrv.dll.mui Opens: Opens: Opens: C:\Windows\System32\tbssvc.dl1
C:\Windows\System32\en-US\tbssvc.dl1.mui Opens Opens: C:\Windows\Svstem32\termsrv.dll C:\Windows\System32\en-US\termsrv.dll.mui
C:\Windows\System32\themeservice.dll Opens: Opens: Opens: C:\Windows\System32\en-US\themeservice.dll.mui
C:\Windows\System32\trkwks.dll

Opens: C:\Windows\System32\en-US\trkwks.dll.mui
C:\Windows\servicing Opens: Opens: C:\Windows\servicing\TrustedInstaller.exe Opens:

Opens: C:\Windows\servicing\en-US\TrustedInstaller.exe.mui
C:\Windows\System32\drivers\tssecsrv.sys

Opens:

Opens: C:\Windows\Svstem32\drivers\TsUsbFlt.svs \Windows\System32\drivers\en-US\tsusbflt.sys.mui Opens:

C:\Windows\Svstem32\UI0Detect.exe Opens:

Opens: C:\Windows\System32\en-US\ui0detect.exe.mui
C:\Windows\System32\umrdp.dl1 Opens:

C:\Windows\System32\en-US\umrdp.dll.mui C:\Windows\System32\upnphost.dll Opens Opens: Opens: C:\Windows\Svstem32\en-US\upnphost.dll.mui Opens: C:\Windows\System32\dwm.exe
C:\Windows\System32\en-US\dwm.exe.mui Opens: Opens

C:\Windows\System32\vaultsvc.dll
C:\Windows\System32\en-US\vaultsvc.dll.mui Opens: Opens: C:\Windows\Svstem32\vds.exe C:\Windows\System32\en-US\vds.exe.mui
C:\Windows\System32\drivers\volmgrx.sys Opens Opens: C:\Windows\System32\drivers\en-US\volmgrx.sys.mui
C:\Windows\System32\VSSVC.exe Opens: Opens

Opens: C:\Windows\Svstem32\en-US\VSSVC.exe.mui C:\Windows\System32\drivers\\wifibus.sys
C:\Windows\System32\drivers\en-US\\wifibus.sys.mui Opens: Opens:

C:\Windows\System32\w32time.dl1
C:\Windows\System32\en-US\w32time.dl1.mui Opens Opens: C:\Windows\Svstem32\wbengine.exe

C:\Windows\System32\en-US\wbengine.exe.mui
C:\Windows\System32\wbiosrvc.dll Opens: C:\Windows\System32\en-US\wbiosrvc.dll.mui
C:\Windows\System32\wcncsvc.dll Opens: Opens Opens: C:\Windows\Svstem32\en-US\wcncsvc.dll.mui C:\Windows\System32\WcsPlugInService.dll
C:\Windows\System32\en-US\WcsPlugInService.dll.mui Opens:

C:\Windows\System32\wdi.dll
C:\Windows\System32\en-US\wdi.dll.mui Opens: Opens Opens: C:\Windows\System32\wecsvc.dll C:\Windows\System32\en-US\wecsvc.dll.mui
C:\Windows\System32\wercplsupport.dll Opens Opens: Opens: C:\Windows\System32\en-US\wercplsupport.dll.mui
C:\Windows\System32\wersvc.dll

Opens Opens: C:\Windows\System32\en-US\wersvc.dll.mui Opens

C:\Program Files
C:\Program Files\Windows Defender Opens: Opens:

C:\Program Files\Windows Defender\MsMpRes.dll
C:\Program Files\Windows Defender\en-US\MsMpRes.dll.mui Opens: Opens:

C:\Windows\System32\winhttp.dll \Windows\System32\en-US\winhttp.dll.mui Opens C:\Windows\Svstem32\wbem Opens: C:\Windows\System32\wbem\WMIsvc.dll
C:\Windows\System32\wbem\en-US Opens: Opens:

C:\Windows\System32\wbem\en-US\WMIsvc.dll.mui
C:\Windows\System32\WsmSvc.dll Opens: Opens:

C:\Windows\Svstem32\en-US\WsmSvc.dll.mui Opens: C:\Windows\System32\wlansvc.dll
C:\Windows\System32\en-US\wlansvc.dll.mui Opens: Opens: C:\Windows\System32\wbem\WmiApSrv.exe
C:\Windows\System32\wbem\en-US\WmiApSrv.exe.mui Opens Opens: Opens: C:\Program Files\Windows Media Player

C:\Program Files\Windows Media Player\wmpnetwk.
C:\Program Files\Windows Media Player\en-US Opens: Opens:

Onens:

C:\Program Files\Windows Media Player\en-US\wmpnetwk.exe.mui
C:\Windows\System32\wpcsvc.dll Opens:

Opens: Opens: Opens: C:\Windows\System32\drivers\ws2ifsl.sys
C:\Windows\System32\drivers\en-US\ws2ifsl.sys.mui Opens: Opens:

Opens: C:\Windows\Svstem32\wscsvc.dll

C:\Windows\System32\en-US\wscsvc.dll.mui

```
C:\Windows\System32\en-US\SearchIndexer.exe.mui
C:\Windows\System32\wuaueng.dll
    Opens:
    Opens:
                                                  C:\Windows\System32\en-US\wuaueng.dll.mui
C:\Windows\System32\WUDFSvc.dll
   Opens:
    Opens:
   Opens:
                                                   C:\Windows\Svstem32\en-US\wudfsvc.dll.mui
                                                   C:\Windows\System32\wwansvc.dll
C:\Windows\System32\en-US\wwansvc.dll.mui
    Opens:
   Opens:
                                                  C:\Windows\System32\LogFiles\WMI\RtBackup\EtwRTEventlog-Security.etl
C:\Windows\security
C:\Windows\System32\ubpm.dll
   Opens
    Opens:
   Opens:
                                                  C:\Windows\System32\LogFiles\Scm
C:\Windows\System32\svchost.exe
    Opens:
   Opens:
                                                  C:\Windows\System32\SPInf.dll
C:\Windows\System32\devrtl.dll
   Opens
    Opens:
   Opens:
                                                   C:\Windows\Svstem32\en-US\svchost.exe.mui
                                                  C:\Windows\System32\pcwum.dl1
C:\Windows\System32\en-US\setupapi.dll.mui
    Opens:
   Opens:
                                                  C:\Windows\System32\powrprof.dll
C:\Program Files\Common Files
    Opens:
    Opens:
   Opens:
                                                   C:\Windows\ServiceProfiles\NetworkService
                                                  C:\Windows\Service\nTUSER.DAT
C:\Windows\Service\nTUSER.DAT
C:\Windows\Service\nTUSER.DAT\{6cced2f1-6e01-11de-
   Opens
8bed-001e0bcd1824}.TM.blf
                                                  .
C:\Windows\ServiceProfiles\NetworkService\NTUSER.DAT{6cced2f1-6e01-11de-
   Opens:
| Sed-001e0bcd1824}.TMContainer000000000000000001.regtrans-ms
| Opens: C:\Windows\System32\en-US\wshtppi.dll.mui
| Opens: C:\Windows\System32\en-US\wship6.dll.mui
                                                  C:\Windows\System32\wshqos.dl1
C:\Windows\System32\en-US\wshqos.dl1.mui
   Opens:
   Opens:
                                                   C:\Windows\ServiceProfiles\LocalService
                                                  C:\Windows\Service\Profiles\LocalService\NTUSER.DAT
C:\Windows\Service\Profiles\LocalService\NTUSER.DAT
6cced2f1-6e01-11de-
   Opens
8bed-001e0bcd1824}.TM.blf
                                                  .
C:\Windows\ServiceProfiles\LocalService\NTUSER.DAT{6cced2f1-6e01-11de-
   Opens:
| Sbed-001e0bcd1824}.TMContainer00000000000000001.regtrans-ms
| Opens: C:\Windows\ServiceProfiles\LocalService\AppData\Local
| Opens: C:\Windows\System32\version.dll
                                                  C:\Windows\System32\LogonUI.exe
C:\Windows\winsxs\Manifests\x86_microsoft.windows.common-
    Opens:
   Opens
controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2.manifest
Opens: C:\Windows\winsxs\Manifests\x86_microsoft.windows.c..-
controls.resources_6595b64144ccf1df_6.0.7600.16385_en-us_581cd2bf5825dde9.manifest
                                                  C:\Windows\System32\en-US\lsm.exe.mui
C:\Windows\System32\ntmarta.dll
   Opens:
   Opens:
                                                  C:\Windows\Svstem32\authui.dll
                                                   C:\Windows\System32\cryptui.dll
    Opens:
                                                   C:\Windows\en-US
   Opens:
    Opens:
                                                  C:\Windows\System32\shacct.dll
C:\Windows\System32\samlib.dll
    Opens:
   Opens:
                                                  C:\Windows\System32\propsys.dll
C: \verb|\windows| winsxs| x86_microsoft.windows.gdiplus_6595b64144ccf1df\_1.1.7601.17514\_none\_72d18a4386696c80\\ |\windows| windows| x86_microsoft.windows.gdiplus\_6595b64144ccf1df\_1.1.7601.17514\_none\_72d18a4386696c80\\ |\windows| x86_microsoft.windows| x86_microsoft| 
                                                  C:\Windows\System32\dui70.dl1
C:\Windows\System32\duser.dl1
   Opens:
                                                  C:\Windows\System32\en-US\authui.dll.mui
C:\Windows\System32\SndVolSSO.dll
C:\Windows\System32\hid.dll
   Opens
    Opens:
   Opens:
    Opens:
                                                  C:\Windows\System32\MMDevAPI.dll
C:\Windows\System32\xmllite.dll
   Opens:
                                                  C:\Windows\System32\imageres.dll
C:\Windows\System32\WindowsCodecs.dll
   Opens
    Opens
                                                  C:\Windows\System32\winbrand.dll
C:\Windows\Branding\Basebrd\basebrd.dll
C:\Windows\Branding\Basebrd\en-US\basebrd.dll.mui
   Opens:
    Opens:
   Opens:
                                                  C:\Windows\System32\wtsapi32.dll
C:\Windows\System32\VaultCredProvider.dll
   Opens:
    Opens
   Opens:
                                                   C:\Windows\Svstem32\SmartcardCredentialProvider.dll
                                                  C:\Windows\System32\BioCredProv.dll
C:\Windows\System32\winbio.dll
    Opens
   Opens:
                                                   C:\Windows\System32\credui.dll
C:\Windows\System32\vaultcli.dll
   Opens:
    Opens
   Opens:
                                                   C:\Windows\System32\netapi32.dll
                                                  C:\Windows\System32\netutils.dll
C:\Windows\System32\wkscli.dll
   Opens:
                                                   C:\Windows\System32\samcli.dl1
C:\Windows\System32\certCredProvider.dl1
    Opens:
    Opens
                                                  C:\Windows\System32\rasplap.dll
C:\Windows\ServiceProfiles\LocalService\AppData\Local\lastalive0.dat
C:\Windows\System32\LogFiles\WMI\RtBackup\EtwRTUBPM.etl
   Opens:
   Opens:
                                                   C:\Windows\System32\input.dl1
C:\Windows\System32\en-US\input.dl1.mui
    Opens:
    Opens
                                                   C:\Program Files\Common Files\microsoft shared
C:\Program Files\Common Files\microsoft shared\ink
C:\Program Files\Common Files\microsoft shared\ink\tiptsf.dll
   Opens:
    Opens:
   Opens:
    Opens:
                                                   C:\Program Files\Common Files\microsoft shared\ink\en-US
C:\Program Files\Common Files\microsoft shared\ink\en-US\TipTsf.dll.mui
    Opens
   Opens:
                                                   C:\Windows\IME\SPTIP.DLL
                                                  C:\Windows\IME\en-US\SpTip.dll.mui
C:\Program Files\Windows NT\TableTextService
    Opens:
    Opens:
                                                  C:\Program Files\Windows NT\TableTextService\TableTextService.dll
C:\Program Files\Windows NT\TableTextService\en-
    Opens:
US\TableTextService.dll.mui
                                                  nuı
C:\Windows\System32\en-US\KernelBase.dll.mui
C:\Windows\ServiceProfiles\LocalService\AppData\Local\lastalive1.dat
   Opens:
   Opens:
                                                  C:\Windows\System32\winevt\Logs
C:\Windows\System32\winevt\Logs\System.evtx
    Opens:
   Opens:
                                                  C:\Windows\System32\winevt\Logs\Application.evtx
C:\Windows\System32\winevt\Logs\Security.evtx
C:\Windows\System32\winevt\Logs\Windows PowerShell.evtx
   Opens:
    Opens:
   Opens:
                                                  C:\Windows\System32\winevt\Logs\Media Center.evtx
C:\Windows\System32\winevt\Logs\Key Management Service.evtx
    Opens:
    Opens:
                                                   C:\Windows\System32\winevt\Logs\Microsoft-Windows-User Profile
 Service%40perational.evtx
                                                  C:\Windows\Svstem32\adtschema.dll
   Opens:
                                                  C:\Windows\System32\winevt\Logs\HardwareEvents.evtx
C:\Windows\System32\winevt\Logs\HardwareEvents.evtx
    Opens:
    Opens:
   Opens
                                                   C:\Windows\Eonts\StaticCache dat
    Opens:
                                                   C:\Windows\System32\en-US\imageres.dll.mui
   Opens:
                                                  C:\Program Files\Windows Defender\MpEvMsg.dll
                                                   C:\Windows\System32\winevt\Logs\Microsoft-Windows-Windows
Defender%40perational.evtx
                                                   C:\Windows\System32\winevt\Logs\Microsoft-Windows-Windows
   Onens:
   Opens:
                                                   C:\Windows\Svstem32\radardt.dll
                                                   C:\Windows\System32\winevt\Logs\Microsoft-Windows-Resource-Exhaustion-
```

Opens

C:\Windows\Svstem32\SearchIndexer.exe

```
Detector%40perational.evtx
                                         C:\Windows\System32\diagperf.dll
   Opens:
                                          C:\Windows\System32\winevt\Logs\Microsoft-Windows-Diagnostics-
  Opens:
Performance%40perational.evtx
                                         C:\Windows\System32\avrt.dll
  Opens:
                                         C:\Windows\System32\winevt\Logs\Microsoft-Windows-TerminalServices-
  Opens:
LocalSessionManager%4Admin.evtx
                                         C:\Windows\System32\winevt\Logs\Microsoft-Windows-TerminalServices-
  Opens:
LocalSessionManager%4Operational evtx
                                         C:\Windows\setupact.log
  Opens:
  Opens:
                                          C:\Windows\Svstem32\microsoft-windows-kernel-power-events.dll
   Opens:
                                          C:\Windows\System32\winevt\Logs\Microsoft-Windows-Kernel-Power%4Thermal-
Operational.evtx
  Onens
                                          C:\Windows\Svstem32\PSHED.DLL
                                          C:\Windows\System32\winevt\Logs\Microsoft-Windows-Kernel-
   Opens
WHEA%4Errors.evtx
                                          C:\Windows\System32\winevt\Logs\Microsoft-Windows-Kernel-
WHEA%40perational.evtx
                                          C:\Windows\Svstem32\PeerDist.dll
  Opens
                                          C:\Windows\CSC\v2.0.6
   Opens:
                                         C:\Windows\System32\gpsvc.dl1
C:\Windows\System32\wdi\LogFiles\WdiContextLog.et1.002
C:\Windows\System32\atl.dl1
  Opens:
   Opens
  Opens:
                                         C:\Windows\System32\taskschd.dll
C:\Windows\System32\mstask.dll
  Opens:
   Opens:
  Opens:
                                          C:\Windows\Svstem32\dsrole.dll
                                         C:\Windows\System32\slc.dll
C:\Windows\System32\es.dll
   Opens:
                                          C: \verb|\windows\System32\winevt\Logs\Microsoft-Windows-|
GroupPolicy%4Operational.evtx
                                         C:\Windows\Svstem32\winevt\Logs\Microsoft-Windows-
  Opens:
OfflineFiles%4Operational.evtx
                                         C:\Windows\System32\UXInit.dll
  Opens:
                                         C:\Windows\Resources\Themes
C:\Windows\Resources\Themes\Aero\aero.msstyles
   Opens:
   Opens
  Opens:
                                          C:\Windows\Resources\Themes\Aero\en-US\aero.msstyles.mui
                                         C:\ProgramData\Microsoft\User Account Pictures
C:\ProgramData\Microsoft\User Account Pictures\user.bmp
   Opens:
  Opens:
   Opens:
                                         C:\Windows\System32\config\SAM.LOG1
C:\Users\Admin\NTUSER.DAT
   Opens:
                                          C:\Users\Admin\NTUSER.DAT{6cced2f1-6e01-11de-8bed-001e0bcd1824}.TM.blf
  Opens:
Opens: C:\Users\Admin\NTUSER.DAT{6cced2f1-6e01-11de-8bed-
001e0bcd1824}.TMContainer0000000000000001.regtrans-ms
                                         C:\Users\Admin\AppData\Local\Microsoft\Windows\UsrClass.dat
C:\Users\Admin\AppData\Local\Microsoft\Windows\UsrClass.dat{976abdbf-
  Opens:
   Opens
6c18-11e3-bf1c-080027ca8fe0}.TM.blf
                                          C:\Users\Admin\AppData\Local\Microsoft\Windows\UsrClass.dat{976abdbf-
6c18-11e3-bf1c-080027ca8fe0}.TMContainer00000000000000001.regtrans-ms
                                         C:\Windows\System32\dllhost.exe
C:\Windows\winsxs\x86_microsoft.windows.common
  Opens:
  Opens:
controls 6595b64144ccf1df 5.82.7601.17514 none ec83dffa859149af\comctl32.dll
                                         C:\ProgramData\Microsoft\Windows
  Opens:
                                         C:\Windows\System32\winevt\Logs\Microsoft-Windows-
  Opens:
Winlogon%40perational.evtx
Opens: C:\Windows\System32\IDStore.dll
                                         C:\Windows\System32\slui.exe
C:\Windows\System32\sppcommdlg.dll
  Onens:
   Opens:
  Opens:
                                          C:\Windows\Svstem32\sppc.dll
   Opens:
                                         C:\Windows\System32\en-US\slui.exe.mui
C:\Windows\System32\sppcomapi.dll
  Opens:
                                         C:\Windows\System32\sppcext.dll
C:\Windows\System32\WinSCard.dll
  Opens
   Opens:
  Opens:
                                          C:\Windows\Svstem32\webio.dll
   Opens:
                                         C:\Windows\System32\tapi32.dll
C:\Windows\System32\msi.dll
  Opens:
                                         C:\Windows\System32\slwga.dll
C:\Windows\System32\uxsms.dll
  Opens:
   Opens
  Opens:
                                          C:\Windows\System32\drivers\lltdio.svs
                                         C:\Windows\System32\drivers\rspndr.sys
C:\Windows\System32\dwmredir.dll
   Opens:
  Opens:
                                         C:\Windows\System32\dwmcore.dll
C:\Windows\System32\d3d10_1.dll
  Opens:
   Opens
  Opens:
                                          C:\Windows\Svstem32\d3d10 1core.dll
                                         C:\Windows\System32\dxgi.dll
C:\Windows\System32\nrpsrv.dll
  Opens:
                                         C:\Windows\System32\en-US\gpsvc.dll.mui
C:\Windows\System32\dhcpcore6.dll
  Opens:
   Opens
  Opens:
                                          C:\Windows\Svstem32\dnsrslvr.dll
                                         C:\Windows\System32\dnsext.dll
C:\Windows\System32\dhcpcsvc6.dll
  Opens:
                                         C:\Windows\System32\dhcpcsvc.dl1
C:\Windows\System32\fveapi.dl1
   Opens:
   Opens:
  Opens:
                                          C:\Windows\System32\tbs.dll
                                         C:\Windows\System32\fvecerts.dll
C:\Windows\System32\wiarpc.dll
   Opens:
  Opens:
   Opens:
                                          C:\Windows\System32\winevt\Logs\Microsoft-Windows-Dhcp-
Client%4Admin.evtx
  Opens:
                                         C:\Windows\System32\winevt\Logs\Microsoft-Windows-Dhcpv6-
Client%4Admin.evtx
                                         C:\Windows\System32\winevt\Logs\Microsoft-Windows-
  Opens:
BranchCacheSMB%4Operational.evtx
Opens: C:\Windows\System32\ktmw32.dll
                                         C:\Windows\System32\taskcomp.dll
C:\Windows\System32\en-US\taskcomp.dll.mui
C:\Windows\Tasks\SCHEDLGU.TXT
  Opens:
   Opens:
  Opens:
                                         C:\Windows\System32\Tasks\Microsoft\Windows
C:\Windows\System32\Tasks\Microsoft\Windows\Autochk\Proxy
   Opens:
   Opens:
  Opens:
                                          C:\Windows\System32\Tasks\Microsoft\Windows\MUI\LPRemov
   Opens:
                                          C:\Windows\System32\Tasks\Microsoft\Windows\Media Center
                                         C:\Windows\System32\Tasks\Microsoft\Windows\Media
  Opens:
Center\RecordingRestart
  Opens:
                                         C:\Windows\System32\Tasks\Microsoft\Windows\SystemRestore\SR
C:\Windows\System32\Tasks\Microsoft\Windows\CertificateServicesClient\SystemTask
  Opens:
C: \verb|\windows\system32\tasks\wicrosoft\windows\appID\tasks\table | PublisherCertStoreCheck | P
                                         C:\Windows\System32\Tasks\Microsoft\Windows\SideShow
  Opens:
  Onens:
                                         C:\Windows\System32\Tasks\Microsoft\Windows\SideShow\SessionAgent
   Opens
C:\Windows\System32\Tasks\Microsoft\Windows\Shell\WindowsParentalControls
                                         C:\Windows\System32\Tasks\Microsoft\Windows\SideShow\SystemDataProviders
C:\Windows\System32\Tasks\Microsoft\Windows\MobilePC\HotStart
  Opens:
  Opens:
                                         C:\Windows\System32\Tasks\Microsoft\Windows\Active Directory Rights
  Opens
Management Services Client
                                         C:\Windows\System32\Tasks\Microsoft\Windows\Active Directory Rights
Management Services Client\AD RMS Rights Policy Template Management (Automated
```

```
Opens:
                             C:\Windows\Svstem32\Tasks\Microsoft\Windows\SideShow\AutoWake
Opens:
C:\Windows\System32\Tasks\Microsoft\Windows\WindowsColorSystem\Calibration Loader
 Opens:
                             C:\Windows\Svstem32\Tasks\Microsoft\Windows\Offline Files
                             C:\Windows\System32\Tasks\Microsoft\Windows\Offline Files\Logon
  Opens:
Synchronization
  Opens:
C:\Windows\System32\Tasks\Microsoft\Windows\Multimedia\SystemSoundsService
                             C:\Windows\System32\Tasks\Microsoft\Windows\DiskDiagnostic
C:\Windows\System32\Tasks\Microsoft\Windows\DiskDiagnostic\Microsoft-
  Onens:
  Opens:
Windows-DiskDiagnosticResolver
                             C:\Windows\System32\taskhost.exe
C:\Windows\System32\en-US\taskhost.exe.mui
  Opens:
  Opens:
 Onens
                             C:\Windows\System32\Tasks\Microsoft\Windows\Windows Error
Reporting\QueueReporting
  Opens:
C:\Windows\System32\Tasks\Microsoft\Windows\CertificateServicesClient\UserTask
Opens: C:\Windows\System32\Tasks\Microsoft\Windows\Active Directory Rights
Management Services Client\AD RMS Rights Policy Template Management (Manual)
C:\Windows\System32\Tasks\Microsoft\Windows\Shell\WindowsParentalControlsMigration
C:\Windows\System32\Tasks\Microsoft\Windows\TextServicesFramework\MsCtfMonitor
                              C: \windows\System32\Tasks\Microsoft\Windows\Media\ Center\PvrRecovery\Task \\ C: \windows\System32\Tasks\Microsoft\Windows\Tcpip\IpAddress\Conflict1 \\
  Opens:
  Opens:
 Opens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\Diagnosis\Scheduled
                              C:\Windows\System32\Tasks\Microsoft\Windows\Media
Center\SqlLiteRecoveryTask
                             C:\Windows\system32\wbem\MSIMG32.dll
C:\Windows\System32\Tasks\Microsoft\Windows\Time
 Opens:
  Opens:
Synchronization\SynchronizeTime
                             C:\Windows\System32\Tasks\Microsoft\Windows\Tcpip\IpAddressConflict2
C:\Windows\System32\Tasks\Microsoft\Windows\Application
 Opens:
Experience\ProgramDataUpdater
Opens: C:\W
                             C:\Windows\System32\Tasks\Microsoft\Windows\Windows Media
\dot{\rm Sharing}\ UpdateLibrary
C:\Windows\System32\Tasks\Microsoft\Windows\PerfTrack\BackgroundConfigSurveyor
Opens: C:\Windows\System32\Tasks\Microsoft\Windows\Media
 Opens:
C:\Windows\System32\Tasks\Microsoft\Windows\MemoryDiagnostic\CorruptionDetector
Opens: C:\Windows\System32\HotStartUserAgent.dll
  Opens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\Defender\MpIdleTask
C:\Windows\System32\Tasks\Microsoft\Windows\Ras\MobilityManager
  Opens:
  Opens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\Media
Center\ObjectStoreRecoveryTask
                             C:\Windows\Svstem32\Tasks\Microsoft\Windows\User Profile
 Opens
Service\HiveUploadTask
Opens.

C:\Windows\System32\Tasks\Microsoft\Windows\WindowsBackup\ConfigNotification

Opens:

C:\Windows\System32\Tasks\Microsoft\Windows\Windows Filtering
Platform\BfeOnServiceStartTvpeChange
Opens: C:\Windows\
Windows-DiskDiagnosticDataCollector
                             C:\Windows\System32\Tasks\Microsoft\Windows\DiskDiagnostic\Microsoft-
                             C:\Windows\Svstem32\Tasks\Microsoft\Windows\AnnID\PolicyConverter
 Onens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\WDI\ResolutionHost
  Opens:
  Opens:
C:\Windows\System32\Tasks\Microsoft\Windows\SoftwareProtectionPlatform\SvcRestartTask
Opens: C:\Windows\System32\Tasks\Microsoft\Windows\Media Center\PBDADiscovery
  Opens
                             C:\Windows\System32\Tasks\Microsoft\Windows\Power Efficiency
Diagnostics\AnalyzeSystem
                             ..
C:\Windows\System32\Tasks\Microsoft\Windows\Media
 Opens:
Center\ActivateWindowsSearch
 Opens:
C:\Windows\System32\Tasks\Microsoft\Windows\RemoteAssistance\RemoteAssistanceTask
                             C:\Windows\System32\PlaySndSrv.dll
  Opens:
  Opens:
Opens: C:\Windows\System32\Tasks\Microsoft\Windows\CertificateServicesClient\UserTask-Roam
Opens: C:\Windows\System32\Tasks\Microsoft\Windows\Media Center\PvrScheduleTask
  Opens
C:\Windows\System32\Tasks\Microsoft\Windows\Bluetooth\UninstallDeviceTask
 Opens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\Offline Files\Background
Synchronization
                             C:\Windows\System32\Tasks\Microsoft\Windows\Media Center\OCURDiscovery
 Opens:
 Onens
                             C:\Windows\System32\Tasks\Microsoft\Windows\Media
Center\DispatchRecoveryTasks
                             C:\Windows\Svstem32\Tasks\Microsoft\Windows\Customer Experience
 Opens:
Improvement Program
                             C:\Windows\System32\Tasks\Microsoft\Windows\Customer Experience
 Opens:
Improvement Program\KernelCeipTask
  Opens:
C:\Windows\System32\Tasks\Microsoft\Windows\MemoryDiagnostic\DecompressionFailureDetector
                             C:\Windows\System32\MsCtfMonitor.dll
C:\Windows\System32\msutb.dll
  Opens:
  Opens:
                             C:\Windows\System32\winevt\Logs\Microsoft-Windows-Kernel-
  Opens:
Opens:

StoreMgr%4Operational.evtx
Onens:

C:\Windows\System32\Tasks\Microsoft\Windows\RAC\RacTask
                             C:\Windows\System32\Tasks\Microsoft\Windows\Maintenance\WinSAT
C:\Windows\System32\Tasks\Microsoft\Windows\Customer Experience
 Opens:
Upens. C:\Windows\System32\Tasks\Microsoft\Windows\Customer Experience
Improvement Program\Consolidator
  Opens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\Media Center\OCURActivate
C:\Windows\System32\Tasks\Microsoft\Windows\Defrag\ScheduledDefrag
  Opens:
  Opens
                             C:\Windows\System32\Tasks\Microsoft\Windows\Media
Center\UpdateRecordPath
                             C:\Windows\Svstem32\Tasks\Microsoft\Windows\Media Center\PBDADiscovervW2
 Opens:
  Opens:
                              C:\Windows\System32\Tasks\Microsoft\Windows Defender\MP Scheduled Scan
                             C:\Windows\System32\Tasks\Microsoft\Windows\Media
  Opens:
Center\PeriodicScanRetry
                             C:\Windows\System32\Tasks\Microsoft\Windows\Application
 Opens:
Experience\AitAgent
  Opens:
                              C:\Windows\system
                              C:\Windows\Svstem32\WindowsPowerShell\v1.0
 Opens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\UPnP\UPnPHostConfig
C:\Windows\System32\Tasks\Microsoft\Windows\Media
  Opens:
  Opens:
Center\MediaCenterRecoveryTask
Opens: C:\Windows\System32\Tasks\Microsoft\Windows\Registry\RegIdleBackup
 Opens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\Media
Center\InstallPlayReady
                             C:\Windows\System32\Tasks\Microsoft\Windows\Media
 Opens:
Center\ConfigureInternetTimeService
  Opens:
                             C:\Windows\System32\Tasks\Microsoft\Windows\NetTrace\GatherNetworkInfo
  Opens:
                              C:\ProgramData\Microsoft\Windows\Caches
                              C:\ProgramData\Microsoft\Windows\Caches\cversions.2.db
```

```
Opens
                                                     C:\ProgramData\Microsoft\Windows\Caches\{6AF0698E-D558-4F6E-9B3C-
3716689AF493}.2.ver0x000000000000007.db
                                                    C:\ProgramData\Microsoft\Windows\Caches\{DDF571F2-BE98-426D-8288-
   Opens
1A9A39C3FDA2}.2.ver0x00000000000000002.db
                                                     C:\Windows\System32\en-US\propsys.dll.mui
   Opens:
   Opens:
                                                     C:\Windows\System32\Tasks\Microsoft\Windows\Media Center\mcupdate
                                                    C:\Windows\System32\Tasks\Microsoft\Windows\Media Center\ePBDADiscoveryW1
C:\Windows\System32\Tasks\Microsoft\Windows\Media Center\ehDRMInit
   Opens:
   Opens:
                                                    C:\Windows\System32\Tasks\Microsoft\Windows\Location\Notifications
C:\Windows\System32\Tasks\Microsoft\Windows\Media Center\RegisterSearch
C:\Windows\System32\Tasks\Microsoft\Windows\Task Manager\Interactive
   Opens
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\bowser.sys
C:\Windows\System32\drivers\mrxsmb.sys
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\mrxsmb10.sys
C:\Windows\System32\drivers\mrxsmb20.sys
   Onens:
   Opens:
   Opens:
                                                     C:\Windows\Svstem32\drivers\parvdm.svs
                                                     C:\Windows\System32\vssapi.dll
C:\Windows\System32\vsstrace.dll
   Opens:
   Opens:
                                                     C:\Windows\System32\en-US\vsstrace.dll.mui
C:\Windows\System32\WSDApi.dll
   Opens:
   Opens:
   Opens:
                                                     C:\Windows\Svstem32\webservices.dll
                                                     C:\Windows\System32\fundisc.dll
C:\Windows\System32\drivers\PEAuth.sys
   Opens:
   Opens:
Opens:
                                                     C:\Windows\System32\drivers\secdrv.sys
C:\Windows\System32\drivers\srvnet.sys
   Opens:
                                                     C:\Windows\Svstem32\ncsi.dll
                                                    C:\Windows\System32\ntoskrnl.exe
C:\Windows\System32\halacpi.dll
   Opens:
                                                     C:\Windows\System32\kdcom.dl1
C:\Windows\System32\mcupdate_GenuineIntel.dl1
   Opens:
   Opens:
                                                     C:\Windows\Svstem32\BOOTVID.DLL
                                                     C:\Windows\System32\ci.dll
C:\Windows\System32\drivers\Wdf01000.sys
   Opens:
                                                     C:\Windows\System32\drivers\WdfLdr.sys
C:\Windows\System32\drivers\acpi.sys
   Opens:
   Opens
   Opens:
                                                     C:\Windows\Svstem32\drivers\wmilib.svs
                                                     C:\Windows\System32\drivers\msisadrv.sys
C:\Windows\System32\drivers\pci.sys
    Opens:
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\vdrvroot.sys
C:\Windows\System32\drivers\compbatt.sys
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\battc.sys
                                                     C:\Windows\System32\drivers\volmgr.sys
C:\Windows\System32\drivers\intelide.sys
   Opens:
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\pciidex.sys
C:\Windows\System32\drivers\atapi.sys
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\ataport.sys
                                                     C:\Windows\System32\drivers\amdxata.sys
C:\Windows\System32\drivers\ntfs.sys
   Opens:
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\msrpc.sys
C:\Windows\System32\drivers\ksecdd.sys
   Opens:
                                                     C:\Windows\System32\drivers\cng.sys
   Opens:
                                                         \Windows\System32\drivers\pcw.sys
   Opens:
                                                     C:\Windows\Svstem32\drivers\fs rec.svs
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\netio.sys
C:\Windows\System32\drivers\ksecpkg.sys
   Opens:
                                                     C:\Windows\System32\drivers\tcpip.sys
C:\Windows\System32\drivers\FWPKCLNT.SYS
   Opens
   Opens:
                                                     C:\Windows\System32\drivers\vmstorfl.svs
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\volsnap.sys
C:\Windows\System32\drivers\spldr.sys
   Opens:
                                                     C:\Windows\System32\drivers\rdyboost.sys
C:\Windows\System32\drivers\disk.sys
   Onens:
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\Classpnp.sys
   Opens:
                                                     C:\Windows\System32\ssdpapi.dll
C:\Windows\System32\vpnikeapi.dll
   Opens:
                                                    C:\Windows\System32\httpapi.dl1
C:\Windows\System32\msxml6.dl1
   Opens:
   Opens
   Opens:
                                                     C:\Windows\Svstem32\msxml6r.dll
                                                    C:\Windows\System32\en-US\MsCtfMonitor.dll.mui
C:\Windows\System32\drivers\tcpipreg.sys
   Opens
   Opens:
   Opens:
                                                     C:\Windows\System32\tlntsrv.exe
C: Windows \times winsxs \\ Manifests \\ \times 86\_policy. 9.0. \\ microsoft. \\ vc90. \\ crt\_1fc8b3b9a1e18e3b\_9.0.30729.4940\_none\_f47ed0f6f6564d90. \\ manifests \\ \times 86\_policy. 9.0. \\ microsoft. \\ vc90. \\ crt\_1fc8b3b9a1e18e3b\_9.0.30729.4940\_none\_f47ed0f6f6564d90. \\ manifests \\ \times 86\_policy. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0. \\ 0.0
C:\Windows\winsxs\Manifests\x86_microsoft.vc90.crt_1fc8b3b9a1e18e3b_9.0.30729.4940_none_50916076bcb9a742.manifest
                                                     C: \verb|\windows\System32\python27.dl1| \\
C:\Windows\winsxs\x86 microsoft.vc90.crt 1fc8b3b9a1e18e3b 9.0.30729.4940 none 50916076bcb9a742\msvcr90.dll
                                                    C:\Windows\System32\pywintypes27.dll
C:\Windows\System32\config\systemprofile
   Opens:
   Opens:
                                                    C:\Windows\System32\wbemcomn.dll
C:\Windows\System32\drivers\srv2.sys
   Opens:
   Opens:
   Opens:
                                                     C:\Windows\System32\drivers\srv.sys
                                                    C:\Windows\System32\sqmapi.dll
C:\Windows\System32\wdscore.dll
   Opens:
   Opens:
   Opens:
                                                     C:\Windows\System32\wbem\WmiDcPrv.dll
C:\Windows\System32\wbem\fastprox.dll
   Opens:
   Opens:
                                                     C:\Windows\System32\ntdsapi.dll
                                                     C:\Windows\system32\wbem\wbemprox.dll
C:\System Volume Information\tracking.log
   Opens:
   Opens:
                                                     C:\Windows\System32\wbem\WinMgmtR.dll
C:\Windows\System32\netmsg.dll
   Opens:
   Opens:
                                                    C: Windows\System32\en-US\netmsg.dll.mui
C:\Windows\System32\en-US\netmsg.dll.mui
C:\Windows\System32\netcfgx.dll
C:\Windows\System32\ipconfig.exe
C:\Windows\System32\updaybem\wbemcore.dll
C:\Windows\System32\updaybem\esscli.dll
   Opens:
   Opens:
   Opens:
   Opens:
   Opens:
                                                     C:\Windows\System32\wbem\wbemsvc.dll
C:\Windows\System32\conhost.exe
   Opens:
   Opens:
                                                     C:\Windows\Svstem32\nci.dll
   Opens:
                                                     C:\Windows\System32\en-US\conhost.exe.mui
C:\Windows\System32\sscore.dll
   Opens:
   Opens:
                                                     C:\Windows\System32\clusapi.dll
C:\Windows\System32\resutils.dll
   Opens
   Opens:
                                                     C:\Windows\System32\en-US\ipconfig.exe.mui
   Opens:
                                                     C:\Windows\System32\hnetcfg.dll
C:\Windows\System32\wbem\wmiutils.dll
   Opens:
   Opens:
                                                     C:\Windows\System32\wbem\repdrvfs.dll
C:\Windows\System32\wbem\Repository
   Opens:
   Opens:
                                                    C:\Windows\System32\wbem\Repository\MAPPING1.MAP
C:\Windows\System32\wbem\Repository\MAPPING2.MAP
C:\Windows\System32\wbem\Repository\MAPPING3.MAP
   Opens:
   Opens:
   Opens:
                                                    C:\Windows\System32\wbem\Repository\OBJECTS.DATA
C:\Windows\System32\wbem\Repository\INDEX.BTR
   Opens:
   Opens:
   Opens:
                                                     C:\Windows\System32\wbem\WmiPrvSD.dll
                                                     C:\Windows\System32\ncobjapi.dll
```

```
Opens:
                                             C:\Windows\Svstem32\wbem\wbemess.dll
                                             C:\Windows\System32\perftrack.dll
C:\Windows\System32\wer.dll
   Opens:
   Opens:
                                             C:\Windows\System32\aepic.dll
C:\Windows\System32\sfc.dll
  Opens:
   Opens:
  Opens:
                                             C:\Windows\Svstem32\sfc os.dll
                                             C:\Windows\System32\en-US\duser.dll.mui
C:\Windows\winsxs\x86_microsoft.windows.c.
   Opens:
  Opens
Opens:
                                             C:\Windows\Svstem32\lsmproxv.dll
                                             C:\Windows\System32\winmm.dll
C:\Windows\System32\en-US\winmm.dll.mui
  Opens:
                                             C:\Windows\System32\regapi.dll
C:\Windows\System32\rdpcorekmts.dll
  Opens
   Opens:
  Opens:
                                             C:\Windows\Svstem32\rdpwsx.dll
                                             C:\Windows\System32\tlscsp.dll
C:\Windows\System32\PortableDeviceApi.dll
   Opens:
  Opens:
                                             C:\Windows\System32\dimsjob.dll
C:\Windows\System32\PortableDeviceConnectApi.dll
   Opens:
   Opens:
  Opens:
                                             C:\Program Files\Windows Defender\MpSvc.dll
                                             C:\Program Files\Windows Defender\MpClient.dll
C:\Windows\System32\winevt\Logs\Microsoft-Windows-TerminalServices-
  Opens:
RemoteConnectionManager%4Admin.evtx

Opens: C:\Windows\System32\winevt\Logs\Microsoft-Windows-TerminalServices
  Opens:
RemoteConnectionManager%4Operational.evtx
                                             C:\Program Files\Windows Defender\MsMpLics.dll
C:\Windows\System32\IPSECSVC.DLL
  Opens:
                                             C:\Windows\System32\FwRemoteSvr.dll
C:\ProgramData\Microsoft\Windows Defender
  Opens:
                                             C:\Windows\System32\drivers\rdpdr.sys
  Opens:
                                             C:\Windows\System32\Apphlpdm.dll
C:\Windows\System32\pnpts.dll
  Opens:
                                             C:\Windows\System32\wdiasqmmodule.dll
C:\Windows\System32\npmproxy.dll
   Opens:
   Opens
  Opens:
                                             C:\Windows\System32\drivers\tdtcp.sys
                                             C:\Windows\System32\drivers\rdpwd.sys
C:\Windows\System32\drivers\rdpwd.sys
C:\Windows\System32\winevt\Logs\Microsoft-Windows-Windows Firewall With
  Opens:
Advanced Security%4Firewall.evtx
Opens: C:\Windows\System32\winevt\Logs\Microsoft-Windows-NCSI%4Operational.evtx
  Opens:
                                             C:\ProgramData\Microsoft\Crypto\RSA\MachineKeys
C:\ProgramData\Microsoft\Crypto\RSA\MachineKevs\f686aace6942fb7f7ceb231212eef4a4 577c175f-2428-
49fc-a95e-635c93546ef9
                                             C:\Windows\System32\winevt\Logs\Microsoft-Windows-Diagnosis-
  Opens:
DPS%40perational.evtx
  Opens:
                                              C:\Windows\System32\drivers\spsys.sys
                                             C:\Windows\System32\spp\plugin-manifests-signed\sppwinob-spp-plugin-
  Opens:
manifest-signed.xrm-ms
                                             C:\Windows\System32\sppwinob.dll
  Opens:
  Opens
                                             C:\Windows\Svstem32\7B296FB0-376B-497e-B012-9C450E1B7327-5P-0.C7483456-
A289-439d-8115-601632D005A0
                                             C:\Windows\Svstem32\LogFiles\SOM
  Opens:
   Opens:
                                             C:\Windows\System32\LogFiles\SQM\SQMLogger.et1.003
C:\Windows\System32\Tb296FB0-376B-497e-B012-9C450E1B7327-5P-1.C7483456-
  Opens
A289-439d-8115-601632D005A0
  Opens
                                             C:\Windows\System32\spp\plugin-manifests-signed\sppobjs-spp-plugin-
manifest-signed.xrm-ms
                                             C:\Windows\System32\winevt\Logs\Microsoft-Windows-
NetworkProfile%4Operational.evtx
                                             C:\Windows\System32\en-US\crypt32.dll.mui
C:\Windows\System32\p2pcollab.dll
C:\Windows\System32\en-US\p2pcollab.dll.mui
  Onens
   Opens:
  Opens:
   Opens:
                                             C:\Windows\System32\fveui.dll
C:\Windows\System32\en-US\fveui.dll.mui
  Opens:
  Onens
                                             C:\ProgramData\Microsoft\Windows Defender\Support\MPLog-07132009-
215552.log
  Opens:
                                             C:\Windows\System32\sppobjs.dll
   Opens:
                                             C:\Windows\inf
C:\Windows\System32\DriverStore
  Opens:
                                             C:\Windows\System32\DriverStore\en-US
C:\Windows\inf\netip6.PNF
  Opens:
   Opens
  Opens:
                                             C:\Windows\inf\netnwifi.PNF
                                             C:\Windows\inf\ndiscap.PNF
C:\Windows\inf\netserv.PNF
  Opens:
                                             C:\Windows\inf\netnb.PNF
C:\Windows\inf\wfplwf.PNF
   Opens:
   Opens
  Opens:
                                             C:\Windows\inf\netrass.PNF
                                             C:\Windows\inf\netmscli.PNF
C:\Windows\inf\netavpnt.PNF
  Opens:
                                             C:\Windows\inf\nettcpip.PNF
C:\Windows\inf\netrast.PNF
   Opens:
   Opens
  Opens:
                                             C:\Windows\inf\lltdio.PNF
                                             C:\Windows\inf\rspndr.PNF
C:\Windows\inf\netsstpt.PNF
   Opens:
  Opens:
   Opens:
                                             C:\Windows\inf\ndisuio.PNF
C:\Windows\System32\ndiscapCfg.dll
   Opens:
  Opens:
                                             C:\Windows\System32\mprapi.dll
                                             C:\Windows\System32\mprmsg.dll
C:\Windows\System32\en-US\mprmsg.dll.mui
   Opens:
  Opens:
                                             C:\Windows\ServiceProfiles\NetworkService\AppData\Roaming\Microsoft
C:\Windows\System32\config\SYSTEM.LOG1
   Opens:
   Opens:
   Opens
{\tt C: Windows Service Profiles \ Network Service \ AppData \ Roaming \ Microsoft \ Software Protection Platform \ tokens. data of the protection of the pr
                                             C:\Windows\Svstem32\config\SYSTEM
  Opens:
                                             C:\Windows\System32\umb.dl1
C:\Program Files\Windows Defender\MpRTP.dl1
   Opens:
  Opens:
                                             C:\Windows\System32\wshnetbs.dll
C:\Windows\System32\localspl.dll
  Opens:
   Opens:
                                             C:\Windows\Svstem32\spoolss.dll
  Opens:
                                             C:\Windows\System32\PrintIsolationProxy.dll
C:\Windows\System32\en-US\localspl.dll.mui
   Opens:
  Opens:
                                             C:\Windows\System32\FXSMON.dl1
C:\Windows\System32\pautoenr.dl1
  Opens
   Opens:
  Opens:
                                             C:\Windows\Svstem32\certcli.dll
                                             C:\Windows\System32\CertEnroll.dll
C:\Windows\System32\tcpmon.dll
   Opens:
  Opens:
                                             C:\Windows\System32\snmpapi.dll
C:\Windows\System32\wsnmp32.dll
  Opens
   Opens:
  Opens:
                                             C:\Windows\Svstem32\tcpbidi.xml
                                             C:\Windows\System32\usbmon.dll
C:\Windows\System32\WSDMon.dll
   Opens:
  Opens:
                                             C:\Windows\System32\en-US\WSDMon.dll.mui
C:\Windows\System32\fdPnp.dll
   Opens:
   Opens:
  Opens:
                                             C:\Windows\Svstem32\spool\prtprocs\w32x86\winprint.dll
                                             C:\Windows\System32\win32spl.dll
```

```
C:\Windows\Svstem32\en-US\win32spl.dll.mui
   Opens:
                                                 C:\Windows\System32\inetpp.dll
C:\Windows\System32\DriverStore\infpub.dat
   Opens:
   Opens:
                                                C:\Windows\System32\DriverStore\infstrng.dat
C:\Windows\System32\DriverStore\infstor.dat
   Opens:
   Opens:
   Opens:
                                                 C:\Windows\inf\faxcn002.inf
                                                 C:\Windows\System32\en-US\inetpp.dll.mui
C:\Windows\System32\spool\drivers\w32x86\3
   Opens:
   Opens:
                                                 C:\Windows\System32\userinit.exe
C:\Windows\System32\cscapi.dll
   Opens
   Opens:
   Opens:
                                                 C:\Windows\System32\en-US\userinit.exe.mui
                                                 C:\Windows\explorer.exe
C:\Windows\System32\ExplorerFrame.dll
   Opens:
   Opens:
                                                 C:\Windows\en-US\explorer.exe.mui
C:\Users\Admin\AppData\Local\IconCache.db
   Opens
   Opens:
   Opens:
                                                 C:\Windows\Svstem32\catroot2
                                                 C:\Windows\System32\EhStorShell.dll
C:\Windows\System32\cscui.dll
   Opens:
   Opens:
                                                C:\Windows\System32\cscdll.dll
C:\Windows\System32\ntshrui.dll
   Opens:
   Opens
   Opens:
                                                 C:\Windows\Svstem32\esent.dll
                                                 C:\Windows\System32\catroot2\{127D0A1D-4EF2-11D1-8608-
00C04FC295EE}\catdb
                                                C:\Windows\System32\netevent.dll
C:\Windows\System32\en-US\netevent.dll.mui
   Opens
   Opens:
   Opens
                                                 C:\Windows\System32\catroot2\{F750E6C3-38EE-11D1-85E5-
00C04FC295EE}\catdb
                                                 C:\Windows\System32\catroot2\edb.log
   Opens:
                                                C:\Windows\System32\IconCodecService.dll
C:\Windows\System32\wmploc.DLL
   Opens:
   Opens
   Opens:
                                                 C:\Windows\Svstem32\en-US\wmploc.DLL.mui
                                                 C:\Windows\System32\ie4uinit.exe
C:\Windows\System32\en-US\ie4uinit.exe.mui
   Opens:
                                                 C:\Windows\System32\iedkcs32.dl1
C:\Windows\System32\en-US\iedkcs32.dl1.mui
   Opens:
   Opens
   Opens:
                                                 C:\Windows\Svstem32\themeui.dll
                                                 C:\Windows\System32\en-US\themeui.dll.mui
C:\Windows\System32\en-US\shell32.dll.mui
    Opens:
   Opens:
   Opens:
                                                 C: \windows\System 32\catroot2\edb.chk \\ C: \windows\System 32\catroot\\ F750E6C3-38EE-11D1-85E5-00C04FC295EE\} 
   Opens
Opens: C:\Windows\System32\catroot\\F750E6C3-38EE-1101-8E55-
00C04FC295EE}\Microsoft-Windows-Client-Features-Package-31bf3856ad364e35-x86--6.1.7601.17514.cat
Opens: C:\Windows\System32\timedate.cpl
   Opens:
                                                C:\Windows\System32\actxprxy.dll
C:\Users\Admin\AppData\Local\Microsoft\Windows\Caches
   Opens
\label{thm:cosoftwindows} Opens: C: Users \admin\appData \coal\microsoft\windows \aches \cversions. 1. db Opens: C: \Users \admin\appData \coal\microsoft\windows \aches \aches
                                                C:\Windows\System32\shdocvw.dll
C:\Users\Admin\AppData\Roaming\Microsoft\Internet Explorer\Quick Launch
   Opens:
   Opens:
   Opens
                                                Launch\User Pinned\TaskBar

Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Internet Explorer\Quick
Launch\User Pinned\TaskBar\Internet Explorer.lnk
Opens: C:\Windows\System32\linkinfo.dll
                                                C:\Program Files\Internet Explorer
C:\Users\Admin\AppData\Roaming\Microsoft\Internet Explorer\Quick
   Opens
   Opens
Launch\User Pinned\TaskBar\Windows Explorer.lnk
Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Internet Explorer\Quick
Launch\User Pinned\TaskBar\Windows Media Player.lnk
                                                C:\Windows\System32\unregmp2.exe
C:\Windows\System32\en-US\unregmp2.exe.mui
   Opens:
                                                C:\Windows\System32\DriverStore\FileRepository
C:\Windows\System32\DriverStore\FileRepository\prnms001.inf_x86_neutral_a1ff1bc29207b04f
   Opens:
                                                C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start Menu\Programs C:\ProgramData\Microsoft\Windows\Start Menu
   Opens
   Opens:
                                                 C:\ProgramData\Microsoft\Windows\Start Menu\Programs
                                                 C:\Windows\System32\accessibilitycp1.dll
C:\Windows\System32\en-US\accessibilitycp1.dll.mui
   Opens:
                                                 C:\Windows\System32\sud.dll
C:\Windows\System32\en-US\sud.dll.mui
   Opens:
   Opens
   Opens:
                                                 C:\Windows\System32\wucltux.dll
                                                 C:\Windows\System32\en-US\wucltux.dll.mui
C:\Program Files\Windows Sidebar
   Opens:
                                                 C:\Program Files\Windows Sidebar\sidebar.exe
C:\Program Files\Windows Sidebar\en-US\Sidebar.exe.mui
   Opens:
   Opens
   Opens:
                                                 C:\Windows\System32\WindowsAnytimeUpgradeui.exe
                                                 C:\Windows\System32\en-US\windowsanytimeupgradeui.exe.mui
C:\Program Files\DVD Maker
   Opens:
                                                 C:\Program Files\DVD Maker\DVDMaker.exe
C:\Program Files\DVD Maker\en-US\DVDMaker.exe.mui
   Opens:
   Opens
                                                 C:\Program Files\Common Files\microsoft shared\ink\mip.exe
C:\Program Files\Common Files\microsoft shared\ink\en-US\mip.exe.mui
C:\Windows\System32\mblctr.exe
   Opens:
   Opens:
   Opens:
   Opens:
                                                 C:\Windows\System32\en-US\mblctr.exe.mui
C:\Windows\System32\NetProjW.dll
   Opens:
   Opens:
                                                 C:\Windows\System32\en-US\NetProjW.dll.mui
                                                 C:\Windows\System32\SoundRecorder.exe
C:\Windows\System32\en-US\SoundRecorder.exe.mui
   Opens:
   Opens:
                                                 C:\Windows\System32\SyncCenter.dll
C:\Windows\System32\en-US\SyncCenter.dll.mui
   Opens:
   Opens:
   Opens:
                                                 C:\Windows\System32\Speech\SpeechUX
                                                 C:\Windows\System32\Speech\SpeechUX\sapi.cpl
C:\Windows\System32\Speech\SpeechUX\en-us
   Opens:
   Opens:
                                                 C:\Windows\System32\Speech\SpeechUX\en-us\sapi.cpl.mui
C:\Windows\System32\dfrgui.exe
   Opens:
   Opens:
                                                 C:\Windows\System32\en-US\DfrgUI.exe.mui
C:\Windows\System32\wdc.dll
C:\Windows\System32\en-US\wdc.dll.mui
   Opens:
   Opens:
   Opens:
                                                 C:\Windows\System32\msinfo32.exe
C:\Windows\System32\en-US\msinfo32.exe.mui
   Opens:
   Opens:
                                                C: Windows\System32\ten-US\misHr032.exe.mu1
C: Windows\System32\ten-US\rstrui.exe
C: Windows\System32\ten-US\rstrui.exe.mui
C: Windows\System32\miguiresource.dll
C: Windows\System32\miguiresource.dll.mui
C: Windows\System32\miguiresource.dll.mui
   Opens
   Opens:
   Opens:
   Opens:
   Opens:
                                                 C:\Windows\System32\migwiz\wet.dll
C:\Windows\System32\migwiz\en-US\wet.dll.mui
   Opens:
   Opens:
                                                 C:\Program Files\Common Files\microsoft shared\ink\ShapeCollector.exe
   Opens:
                                                C:\Windows\System32\en-US\explorerframe.dll.mui
C:\Program Files\Common Files\microsoft shared\ink\en-
   Opens:
US\ShapeCollector.exe.mui
   Opens:
                                                C:\Windows\Resources\Themes\Aero\Shell\NormalColor\shellstyle.dll
   Opens:
                                                 C:\Windows\Svstem32\msftedit.dll
                                                 C:\Program Files\Windows Journal
```

```
Opens:
                                            C:\Program Files\Windows Journal\Journal.exe
                                            C:\Program Files\Windows Journal\en-US
C:\Windows\System32\msls31.dll
   Opens:
   Opens:
                                            C:\Windows\Fonts\segoeuii.ttf
C:\Program Files\Windows Journal\en-US\Journal.exe.mui
   Opens:
   Opens:
   Opens:
                                            C:\Windows\Svstem32\WindowsPowerShell\v1.0\powershell.exe
                                            C:\Windows\System32\WindowsPowerShell\v1.0\en-US
C:\Windows\System32\WindowsPowerShell\v1.0\en-US\powershell.exe.mui
   Opens:
   Opens:
                                            C:\Windows\System32\mycomput.dll
C:\Windows\System32\en-US\mycomput.dll.mui
   Opens
   Opens:
   Opens:
                                            C:\Windows\Svstem32\odbcint.dll
                                            C:\Windows\System32\en-US\odbcint.dll.mui
C:\Windows\System32\iscsicpl.dll
   Opens:
   Opens:
                                            C:\Windows\System32\en-US\iscsicp1.dll.mui
C:\Windows\System32\MdSched.exe
   Opens
   Opens:
   Opens:
                                            C:\Windows\Svstem32\en-US\MdSched.exe.mui
                                            C:\Windows\System32\pmcsnap.dll
C:\Windows\System32\en-US\pmcsnap.dll.mui
   Opens:
   Opens:
                                            C:\Windows\System32\wsecedit.dl1
C:\Windows\System32\en-US\wsecedit.dl1.mui
   Opens:
   Opens:
   Opens:
                                            C:\Windows\Svstem32\filemgmt.dll
                                            C:\Windows\System32\en-US\filemgmt.dll.mui
C:\Windows\System32\msconfig.exe
   Opens:
   Opens:
Opens:
                                            C:\Windows\System32\en-US\msconfig.exe.mui
C:\Windows\System32\AuthFWGP.dl1
                                            C:\Windows\System32\en-US\authfwgp.dll.mui
   Opens:
                                            C:\Windows\System32\gameux.dll
C:\Windows\System32\en-US\gameux.dll.mui
   Opens:
   Opens:
Opens:
                                            C:\Windows\System32\sdcpl.dl1
C:\Windows\System32\en-US\sdcpl.dl1.mui
   Opens:
                                            C:\Windows\Svstem32\recdisc.exe
                                            C:\Windows\System32\en-US\recdisc.exe.mui
C:\Windows\System32\msra.exe
   Opens:
                                            C:\Windows\System32\en-US\msra.exe.mui
C:\ProgramData\Microsoft\Windows\Start Menu\Programs\desktop.ini
   Opens:
   Opens:
   Opens:
                                            C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start
Menu\Programs\Accessories
                                            C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start
  Opens:
Menu\Programs\Accessories\Accessibility

Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start
Menu\Programs\Accessories\System Tools
                                            C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start
Menu\Programs\Accessories\System Tools\Desktop.ini
  Opens:
                                            C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories
C:\ProgramData\Microsoft\Windows\Start
   Opens
Menu\Programs\Accessories\Desktop.ini
   Opens:
                                            {\tt C:\ProgramData\Microsoft\Windows\Start\ Menu\Programs\Administrative}
Tools
  Opens:
                                            C: \verb|\ProgramData\Microsoft\Windows\Start\ Menu\Programs\Administrative and the context of the
Tools\desktop.ini
  Opens:
                                            C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Maintenance
                                            C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\System
   Opens:
Tools
  Opens:
                                            {\tt C:\ProgramData\Microsoft\Windows\Start\ Menu\Programs\Accessories\System}
Tools\Desktop.ini
  Opens:
                                            C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\Tablet
  Opens:
                                            C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\Windows
PowerShell
  Opens:
                                            C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Python 2.7
                                            C:\Windows\System32\msiltcfg.dll
C:\Program Files\Microsoft Office\OFFICE11
   Opens
   Opens
   Opens:
                                            C:\Windows\Svstem32\DeviceCenter.dll
   Opens:
                                            C:\Windows\System32\en-US\DeviceCenter.dll.mui
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Libraries
   Opens:
   Onens:
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Libraries\Documents.library-ms
\label{lem:opens:condition} Opens: C: \ProgramData\Microsoft\Windows\Caches\{7CD55808-3038-4DD5-90C9-62F0E6EE60D4}. 2. ver0x0000000000001. db
   Opens:
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Libraries\Pictures.library-ms
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Libraries\Music.library-ms
                                            C:\Windows\System32\thumbcache.dll
C:\Users\Admin\AppData\Local\Microsoft\Windows\Explorer
   Opens:
                                            C:\Users\Admin\AppData\Local\Microsoft\Windows\Explorer\thumbcache_32.db
C:\Users\Admin\AppData\Local\Microsoft\Windows\Explorer\thumbcache_96.db
   Opens:
   Opens:
   Opens:
C:\Users\Admin\AppData\Local\Microsoft\Windows\Explorer\thumbcache_256.db
C:\Users\Admin\AppData\Local\Microsoft\Windows\Explorer\thumbcache_idx.db
                                            C:\Windows\System32\networkexplorer.dll
   Opens:
                                            C:\Windows\System32\tdh.dll
C:\ProgramData\Microsoft\Windows Defender\Definition Updates\{9013FD8F-
   Opens:
1A53-49C9-9847-FE4C4078D288}\mpengine.dll
Opens: C:\ProgramData\Microsoft\Windows Defender\Definition Updates\{9013FD8F-1A53-49C9-9847-FE4C4078D288}\mpasbase.vdm
                                            C:\ProgramData\Microsoft\Windows Defender\Definition Updates\{9013FD8F-
  Opens:
1A53-49C9-9847-FE4C4078D288}\mpasdlta.vdm
                                            C:\Windows\System32\spool\drivers\w32x86\PCC
  Opens:
                                            C:\Windows\System32\stobject.dll
C:\Windows\System32\batmeter.dll
   Opens:
   Opens:
   Opens:
                                            C:\Windows\System32\en-US\stobject.dll.mui
                                            C:\Windows\System32\prnfldr.dll
C:\Windows\System32\en-US\sndvolsso.dll.mui
   Opens:
   Opens:
                                            C:\Windows\System32\DXP.dl1
C:\Windows\System32\Syncreg.dl1
   Opens:
   Opens:
   Opens:
                                            C:\Windows\ehome\ehSSO.dll
   Opens:
                                            C:\Windows\System32\netshell.dll
C:\Windows\System32\AltTab.dll
   Opens:
                                            C:\Windows\System32\en-US\AltTab.dll.mui
C:\Windows\System32\WPDShServiceObj.dll
   Opens:
   Opens:
                                            C:\Windows\System32\PortableDeviceTypes.dll
C:\Windows\System32\pnidui.dll
C:\Windows\System32\QUTIL.DLL
   Opens
   Opens:
   Opens:
                                            C:\Windows\System32\tquery.dll
C:\Windows\System32\mssrch.dll
   Opens:
   Opens:
                                            C:\Windows\System32\cscobj.dl1
C:\Windows\System32\en-US\pnidui.dl1.mui
   Opens
   Opens:
   Opens:
                                            C:\Windows\Svstem32\srchadmin.dll
   Opens:
                                             C:\Windows\System32\msidle.dll
                                            C:\ProgramData\Microsoft\Search\Data\Applications\Windows
   Opens:
                                            C:\Windows\System32\mssprxy.dll
C:\Windows\System32\ActionCenter.dll
   Opens:
   Opens:
   Opens:
                                            C:\Windows\Svstem32\rasdlg.dll
```

C:\Windows\System32\en-US\rasdlg.dll.mui

Opens C:\Windows\System32\en-US\tquery.dll.mui $\begin{tabular}{llll} $C:\Windows\System32\en-US\ESENT.dll.mui \\ $C:\ProgramData\Microsoft\Search\Data\Applications\Windows\MSS.log \\ \end{tabular}$ Opens: Opens: Opens: C:\ProgramData\Microsoft\Search\Data\Applications\Windows\MSS.chl Opens: C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Windows.edb Opens: Opens C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\INDEX.001 $C: \begin{tabular}{ll} \begin{tabular}{ll} C: \begin{tabular}{ll} \begin{tabular}{ll$ Opens $C: \begin{tabular}{ll} $ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\00010001.dir(\Berry). The property of th$ Opens Opens: C:\Windows\System32\wwapi.dll C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\00010002.dir $C: \begin{tabular}{ll} \begin{tabular}{ll} C: \begin{tabular}{ll} \begin{tabular}{ll$ Opens $C: \label{lem:condition} C: \label{lem:condi$ Opens $\label{lem:c:programDataMicrosoftSearch\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\00010004.wid Opens: C:\Windows\System32\QAGENT.DLL$ Opens: C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\00010004.dir Opens C:\Windows\System32\winevt\Logs\Microsoft-Windows-NetworkAccessProtection%40perational.evtx
Opens: C:\Windows\System32\bthprops.cpl Opens: C:\Windows\Svstem32\ieframe.dll C:\Windows\System32\oleacc.dll Opens: C:\Windows\System32\oleaccrc.dll Opens: Opens: C:\Windows\System32\en-US\bthprops.cpl.mui Opens: $C: \label{lem:condition} C: \label{lem:condi$ C:\ProgramData\Microsoft\Search\Data\Applications\Windows\tmp.edb Opens Opens: Opens $C: \begin{tabular}{ll} \begin{tabular}{ll} C: \begin{tabular}{ll} \begin{tabular}{ll$ C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\00010006.dir $C: \label{lem:condition} C: \label{lem:condi$ Open C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\00010007.dir Opens $C: \label{lem:condition} C: \label{lem:condi$ C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\00010011.wid C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\00010011.dir Opens C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\Microsoft C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\Microsoft\Windows Opens: C:\Windows\ServiceProfiles\LocalService\AppData\Local\Microsoft\Windows C:\Windows\ServiceProfiles\NetworkService\AppData\Local\Microsoft Opens: Opens: C:\Windows\Svstem32\webcheck.dll C:\Windows\System32\mlang.dll
C:\Windows\System32\imapi2.dll Opens: Opens: C:\Windows\System32\hgcpl.dll
C:\Windows\System32\mssitlb.dll Opens: Opens: Opens: C:\Windows\Svstem32\FXSST.dll C:\Windows\System32\FXSAPI.dl1
C:\Windows\System32\FXSSVC.exe Opens: C:\Windows\System32\SearchProtocolHost.exe
C:\Windows\System32\msshooks.dl1 Opens: Opens: Opens: C:\Windows\System32\SearchFilterHost.exe C:\Windows\System32\mscoree.dll
C:\Windows\Microsoft.NET\Framework\v2.0.50727 Opens: C:\Windows\System32\mssvp.dl1
C:\Windows\System32\mapi32.dl1 Opens: Opens: Opens: C:\Windows\System32\wscapi.dll C:\Windows\System32\wscisvif.dll
C:\Windows\System32\wscproxystub.dll Opens: Opens: Opens: C:\Windows\System32\en-US\advapi32.dll.mui
C:\Windows\System32\en-US\prnfldr.dll.mui Opens: Opens: C:\Windows\System32\en-US\netshell.dll.mui C:\Windows\ServiceProfiles\NetworkService\AppData\Roaming\Microsoft\SoftwareProtectionPlatform\Cache\cache.dat C:\Windows\Prefetch\ReadyBoot\Trace4.fx
C:\Windows\System32\wdi\LogFiles\WdiContextLog.etl.003 Opens: Opens: $C: \windows \S sideShow \GadgetManager \C: \windows \S sideShow \GadgetManager \C: \Windows \S stem 32 \ntkrnlpa.exe \GadgetManager \GadgetM$ Opens: Opens: C:\Windows\Svstem32\en-US\cscui.dll.mui Opens: C:\Windows\inf\setupapi.dev.log C:\Windows\System32\drvinst.exe Opens: Opens: C:\Windows\System32\en-US\drvinst.exe.mui
C:\Windows\System32\newdev.dll Opens: Opens: Opens: C:\Windows\inf\setupapi.ev3 C:\Windows\inf\setupapi.ev1
C:\Windows\System32\en-US\newdev.dll.mui Opens: Opens: Opens C:\Windows\System32\DriverStore\INFCACHE.1 Opens $C: \windows \system 32 \noise File Repository \cdrom. in f_x86_neutral_6381e09675524225 \cdrom. PNF \cdrom. The results of t$ C:\Windows\inf\apps.inf C:\Windows\System32\DriverStore\FileRepository\battery.inf_x86_neutral_5752155055c5e2d7 Opens: C:\Windows\System32\DriverStore\FileRepository\battery.inf_x86_neutral_5752155055c5e2d7\battery.PNF C:\Windows\System32\dinotify.exe
C:\Windows\inf\defltbase.inf Opens: Opens: C:\Windows\inf\dwup.inf
C:\Windows\inf\errata.inf Onens: Opens: Opens: C:\Windows\inf\fontsetup.inf C:\Windows\winsxs\FileMap

```
C:\Windows\System32\pnpui.dl1
C:\Windows\System32\en-US\dinotify.exe.mui
     Opens:
     Opens:
                                                                     C:\Windows\System32\en-US\pnpui.dll.mui
C:\Windows\inf\lltdio.inf
    Opens:
     Opens:
    Opens:
                                                                      C:\Windows\inf\ndiscap.inf
                                                                      C:\Windows\inf\ndisuio.inf
C:\Windows\inf\netavpna.inf
     Opens:
    Opens:
                                                                     C:\Windows\inf\netavpnt.inf
C:\Windows\inf\netbrdgm.inf
    Opens
     Opens:
    Opens:
                                                                      C:\Windows\inf\netbrdgs.inf
                                                                     C:\Windows\inf\netip6.inf
C:\Windows\inf\netmscli.inf
     Opens:
    Opens:
    Opens
                                                                      C:\Windows\inf\netnh inf
                                                                            \Windows\inf\netnwifi.inf
     Opens:
    Opens:
                                                                      C:\Windows\inf\netpacer.inf
                                                                     C:\Windows\inf\netpgm.inf
C:\Windows\inf\netrasa.inf
     Opens:
    Opens:
    Opens:
                                                                      C:\Windows\inf\netrass inf
     Opens:
                                                                            \Windows\inf\netrast.inf
    Opens:
                                                                      C:\Windows\inf\netserv.inf
                                                                     C:\Windows\inf\netsstpa.inf
C:\Windows\inf\netsstpt.inf
     Opens:
    Opens:
    Opens:
                                                                     C:\Windows\inf\nettcpip.inf
C:\Windows\inf\netvwififlt.inf
    Opens:
                                                                      C:\Windows\inf\netvwifimp.inf
                                                                     C:\Windows\inf\printupg.inf
C:\Windows\inf\puwk.inf
    Opens:
    Opens:
Opens:
                                                                     C:\Windows\inf\rspndr.inf
C:\Windows\inf\sceregvl.inf
    Opens:
                                                                      C:\Windows\inf\secrecs.inf
                                                                     C:\Windows\inf\wfplwf.inf
C:\Windows\inf\.NET Data Provider for Oracle
    Opens:
                                                                     C:\Windows\inf\MSDTC Bridge 3.0.0.0
C:\Windows\inf\ServiceModelEndpoint 3.0.0.0
     Opens:
     Opens
    Opens:
                                                                      C:\Windows\inf\ServiceModelOperation 3.0.0.0
                                                                     C:\Windows\inf\ServiceModelService 3.0.0.0
C:\Windows\inf\SMSvcHost 3.0.0.0
     Opens:
    Opens:
     Opens:
                                                                     C:\Windows\inf\Windows Workflow Foundation 3.0.0.0 C:\Windows\System32\batt.dll
     Opens:
    Opens:
                                                                      C:\Windows\System32\Storprop.dll
                                                                       C:\Windows\System32\en-US\batt.dll.mui
     Opens:
                                                                      C:\Windows\Svstem32\svsclass.dll
    Opens:
     Opens:
                                                                     C:\Windows\inf\battery.PNF
C:\Windows\inf\battery.inf
     Opens:
    Opens:
                                                                     C:\Windows\System32\spfileq.dll
C:\Windows\System32\DriverStore\FileRepository\battery.inf_x86_neutral_5752155055c5e2d7\CmBatt.sys
                                                                     C:\Windows\inf\setupapi.ev2
C:\Windows\System32\catroot\{F750E6C3-38EE-11D1-85E5-
    Opens:
    Opens:
00C04FC295EE}\Microsoft-Windows-Common-Drivers-Package~31bf3856ad364e35~x86~~6.1.7601.17514.cat
                                                                     C:\Windows\System32\cryptnet.dll
    Opens:
    Opens:
Opens: C:\Windows\System32\DriverStore\FileRepository\battery.inf_x86_neutral_5752155055c5e2d7\battc.sys
Opens: C:\Windows\inf\cdrom.PNF
    Onens:
                                                                     C:\Windows\inf\cdrom inf
C:\Windows\System32\DriverStore\FileRepositorv\cdrom.inf x86 neutral 6381e09675524225\cdrom.svs
    Opens:
                                                                     C:\Windows\System32\en-US\mpr.dll.mui
C:\Windows\System32\drprov.dll
    Opens:
                                                                     C:\Windows\System32\ntlanman.dll
C:\Windows\System32\davclnt.dll
    Opens
     Opens:
    Opens:
                                                                      C:\Windows\Svstem32\davhlpr.dll
     Opens:
                                                                     C:\Windows\System32\drivers\cdfs.sys
C:\System Volume Information\Syscache.hve
    Opens:
                                                                     C:\Windows\AppCompat\Programs\RecentFileCache.bcf
C:\Program Files\Internet Explorer\iexplore.exe
    Opens
     Opens
    Opens:
                                                                      C:\Program Files\Internet Explorer\en-US
     Opens:
                                                                     C:\Program Files\Internet Explorer\en-US\iexplore.exe.mui
C:\Program Files\Windows Media Player\wmplayer.exe
    Opens:
                                                                     C:\Program Files\Windows Media Player\en-US\wmplayer.exe.mui
C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\Welcome
    Opens:
     Opens
Center.lnk
                                                                      {\tt C:\Windows\Branding\ShellBrd\shellbrd.dll}
     Opens
                                                                     C:\ProgramData\Microsoft\Windows\Start
    Opens:
Menu\Programs\Accessories\displayswitch.lnk
Opens: C:\Windows\System32\DisplaySwitch.exe
    Opens:
                                                                     C:\ProgramData\Microsoft\Windows\Start
Menu\Programs\Accessories\Calculator.lnk
                                                                     C:\Windows\System32\en-US\calc.exe.mui
    Opens:
    Opens
                                                                     C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\Sticky
Notes.lnk
    Opens:
                                                                     C:\Windows\Svstem32\StikvNot.exe
Opens: C:\Windows\Systemis<\StitkyNot.exe
Opens: C:\ProgramData\Microsoft\Windows\Start
Menu\Programs\Accessories\Snipping Tool.lnk
Opens: C:\Windows\System32\SnippingTool.exe
Opens: C:\ProgramData\Microsoft\Windows\Start
Menu\Programs\Accessories\Paint.lnk
                                                                     C:\Windows\System32\mspaint.exe
C:\ProgramData\Microsoft\Windows\Start Menu\Programs\XPS Viewer.lnk
     Opens:
    Opens:
                                                                     C:\Windows\System32\xpsrchvw.exe
C:\Windows\System32\en-US\xpsrchvw.exe.mui
     Opens:
    Opens:
                                                                     C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Windows Fax and
    Opens:
 Scan.lnk
                                                                      C:\Windows\Svstem32\WFS.exe
    Opens:
                                                                     C:\Windows\System32\WFSR.dl1
C:\Windows\System32\en-US\WFSR.dl1.mui
     Opens:
     Opens:
    Opens:
                                                                      C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\Remote
Desktop Connection.lnk
    Opens
                                                                      C:\Windows\Svstem32\mstsc.exe
                                                                     C:\Windows\System32\en-US\mstsc.exe.mui
C:\Windows\System32\en-US\batmeter.dll.mui
     Opens:
     Opens:
     Onens
C: \label{lem:conditions} C: \label{lem:conditions} Windows \label{lem:conditions} Projects \label{lem:conditions} System Index \label{lem:conditions} Prop \label{lem:conditions} Applications \label{lem:conditions} Windows \label{lem:conditions} Projects \label{lem:conditions} System Index \label{lem:conditions} Prop \label{lem:condit
    Opens
                                                                     C:\ProgramData\Microsoft\Search\Data\Applications\Windows\MSS00004.log
C:\ProgramData\Microsoft\Search\Data\Applications\Windows\Projects\SystemIndex\Indexer\CiFiles\INDEX.002
C: \begin{tabular}{ll} ProgramData \begin{tabular}{ll} Microsoft \end{tabular} Search \begin{tabular}{ll} Projects \end{tabular} SystemIndex \end{tabular} Index \end{tabular} Index \end{tabular} Index \end{tabular} Applications \begin{tabular}{ll} Windows \end{tabular} Projects \end{tabular} SystemIndex \end{tabular} Index \end{tabular} Index
    Opens:
 C: \programData\mbox{$N$ c:\programData\mbox{$N$ c:
```

C:\Windows\System32\NaturalLanguage6.dl1
C:\Windows\System32\NlsData0009.dl1

C:\Windows\winsxs\FileMaps\\$\$ system32 21f9a9c4a2f8b514.cdf-ms

Opens:

```
C:\Windows\Svstem32\NlsLexicons0009.dll
     Opens:
      Opens:
                                                                            C:\Windows\System32\mssph.dl1
      Opens:
 C: \begin{tabular}{ll} C: \begin{tabular}{
Service.evtx
     Opens:
                                                                            C:\Windows\System32\syncui.dll
                                                                            C:\Windows\System32\synceng.dll
     Opens:
     Opens
                                                                            C:\Program Files\Internet Explorer\ieproxv.dll
                                                                            C:\Windows\System32\wpdshext.dll
      Opens:
     Opens:
                                                                            C:\Windows\Svstem32\audiodev.dll
                                                                           C:\Windows\System32\WMVCORE.DLL
C:\Windows\System32\WMASF.DLL
      Opens:
     Opens:
                                                                           C:\Windows\System32\EhStorAPI.dll
C:\Users\Admin\Links\Downloads.lnk
     Opens
      Opens:
     Opens:
                                                                           C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Recent
C:\Users\Admin\Downloads
      Opens:
      Opens:
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Libraries\Videos.library-ms
Opens: C:\Windows\System32\UIAnimation.dll
     Opens:
                                                                           C:\Windows\System32\StructuredOuerv.dll
                                                                           C:\Windows\System32\BdeUnlockWizard.exe
C:\Windows\System32\en-US\BdeUnlockWizard.exe.mui
     Opens:
      Onens
\label{lem:condition} C: \Users\Admin\AppData\Local\Microsoft\Windows\1033\Structured\QuerySchema.bin \AppData\Local\Microsoft\Windows\1033\Structured\QuerySchema.bin \AppData\Local\Microsoft\Windows\1033\Structured\QuerySchema.bin \AppData\Local\Microsoft\Windows\Normality \AppData\Local\Microsoft\Windows\Normality \AppData\Local\Microsoft\Windows\Normality \AppData\Local\Microsoft\Windows\Normality \AppData\Local\Microsoft\Windows\Normality \AppData\Local\Microsoft\Windows\Normality \AppData\Local\Microsoft\Windows\Normality \AppData\Local\Microsoft\Windows\Normality \AppData\Normality \AppD
                                                                          C:\Windows\System32\SearchFolder.dll
C:\Windows\Media
    Opens:
                                                                            C:\Windows\Media\Windows Navigation Start.wav
     Opens:
                                                                           C:\Windows\System32\en-US\ntshrui.dll.mui
C:\Windows\System32\notepad.exe
     Opens:
      Opens:
     Opens:
                                                                           C:\Windows\Svstem32\en-US\notepad.exe.mui
                                                                           C:\Windows\System32\zipfldr.dll
C:\Windows\System32\en-US\oleaccrc.dll.mui
     Opens:
Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start
Menu\Programs\Accessories\Accessibility\Magnify.lnk
    Opens:
                                                                         C:\Windows\System32\Magnify.exe
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Recent\CustomDestinations
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Recent\AutomaticDestinations
     Opens
ms
    Onens
                                                                           C:\Windows\System32\en-US\searchfolder.dll.mui
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start
     Opens
\label{lem:menu} $$ Menu\Programs\Accessories\Command\ Prompt.lnk $$ Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start $$
Menu\Programs\Accessories\System Tools\Private Character Editor.lnk
Opens: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Start
Menu\Programs\Accessories\Accessibility\Ease of Access.lnk
    Opens:
                                                                           C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Media Center.lnk
                                                                           C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Python 2.7\Python
      Opens:
(command line).lnk
     Opens:
                                                                           C: \windows \nstaller \\ C: \program Data \wicrosoft \windows \start \windows \nstaller \\ A in the ance \constant \windows \windows \nstaller \\ A in the ance \constant \windows \win
    Opens:
Recovery Disc.lnk
                                                                            {\tt C:\ProgramData\Microsoft\Windows\Start\ Menu\Programs\Administrative}
Tools\Component Services.lnk
                                                                           C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Administrative
Tools\Computer Management.lnk
                                                                           {\tt C:\ProgramData\Microsoft\Windows\Start\ Menu\Programs\Administrative}
Tools\System Configuration.lnk
                                                                           C:\Users\Public\Libraries
    Opens:
Opens: C:\Osersradilt\(Ctroprambata\)\(Microsoft\)\(Windows\)\(Start\)\
Menu\Programs\(Accessories\)\(Mobility\)\(Center.lnk\)
Opens: C:\ProgramData\Microsoft\Windows\Start
Menu\Programs\Accessories\NetworkProjection.lnk
                                                                           C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\Sync
    Opens
Center.lnk
                                                                           C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\System
    Opens:
Tools\Character Map.lnk
     Opens
                                                                          C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Accessories\System
Tools\Disk Cleanup.lnk
                                                                          C:\Windows\System32\cmd.exe
C:\Windows\System32\en-US\cmd.exe.mui
     Opens:
      Onens
Opens
C:\Windows\System32\en-US\mssvp.dll.mui
    Opens:
                                                                           C:\Users\Admin\Favorites\Links for United States
C:\Windows\System32\sc.exe
     Opens:
      Opens
     Opens:
                                                                           C:\Windows\Prefetch\ReadvBoot\Trace5.fx
Opens: C:\USers\Admin\AppData\Local\Microsoft\Windows\Caches\{AFBF9F1A-8EE8-4C77-AF34-C647E37CAOD9}.1.ver0x00000000000006.db
C: \label{lem:conditions} C: \label{lem:conditions} Windows \label{lem:conditions} Windows \label{lem:conditions} Gather Logs \label{lem:conditions} System Index. 11. gthrough \label{lem:conditions} System Index. 11. gthrough \label{lem:conditions} System Index. System Index. 11. gthrough \label{lem:conditions} System Index. System In
                                                                           C:\Program Files\Windows Media Player\wmpnscfg.exe
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\PeerNetworking
    Opens
      Opens:
                                                                            C:\Program Files\Windows Media Player\en-US\wmpnscfg.exe.mui
     Opens:
                                                                           C:\Program Files\Windows Media Player\wmpnssci.dll
C:\Windows\System32\wsock32.dll
      Opens:
      Opens:
                                                                           C:\Windows\System32\wmdrmdev.dll
C:\Windows\System32\drmv2clt.dll
C:\Windows\System32\mfplat.dll
     Opens:
      Opens:
     Opens:
                                                                           C:\Windows\System32\wmp.dll
C:\Users\Admin\AppData\Local\Microsoft\Media Player
      Opens:
      Opens:
     Opens
                                                                            C:\Users\Admin\AppData\Local\Microsoft\Media
Player\CurrentDatabase_372.wmdb
Opens: C:\Windows\System32\catroot\\F750E6C3-38EE-11D1-85E5-
00C04FC295EE}\Microsoft-Windows-Media-Format-Package-31bf3856ad364e35-x86~-6.1.7601.17514.cat
Opens: C:\ProgramData\Microsoft\Windows\DRM\drmstore.hds
                                                                           C:\Windows\System32\blackbox.dll
C:\Windows\System32\fdWSD.dll
C:\Windows\System32\fdSDP.dll
     Opens
      Opens:
     Opens:
                                                                           C:\Windows\System32\fdProxy.dll
C:\ProgramData\Microsoft\Windows\DRM\v3ks.sec
      Opens:
     Opens:
                                                                           C:\ProgramData\Microsoft\Windows\DRM\v3ks.bla
C:\Windows\System32\upnp.dl1
     Opens
      Opens:
     Opens:
                                                                           C:\Windows\System32\P2P.dll
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\PeerNetworking\idstore.sst
                                                                           C:\Windows\System32\P2PGraph.dl1
C:\Windows\System32\wmpps.dl1
     Onens:
      Opens:
     Opens:
                                                                            C:\Windows\Svstem32\wmpmde.dll
```

C:\Windows\System32\WinSATAPI.dll

```
Opens:
                                              C:\Windows\Performance\WinSAT
   Opens:
                                               C:\Windows\System32\en-US\WinSATAPI.dll.mui
                                               C:\Windows\System32\MSMPEG2ENC.DLL
   Opens:
   Opens:
                                               C:\Windows\Svstem32\devenum.dll
                                               C:\Windows\System32\msdmo.dll
   Opens:
   Opens:
                                               C:\Windows\Svstem32\wbem\WmiPrvSE.exe
                                              C:\Windows\System32\wbem\wmiprov.dl1
C:\Windows\System32\winevt\Logs\Microsoft-Windows-HomeGroup Provider
   Opens:
   Opens:
Service%40perational.evtx
                                              C:\Windows\System32\udhisapi.dll
   Opens:
   Opens:
                                              C:\Windows\Svstem32\msxml3.dll
                                               C:\Windows\System32\msxml3r.dll
                                              C:\Program Files\Windows Media Player\Network Sharing
   Opens:
   Opens
{\tt C:\Windows\ServiceProfiles\LocalService\AppData\Local\Microsoft\Windows\Temporary\ Internet}}
Files\Content.IE5\index.dat
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\Microsoft\Windows\Cookies\index.dat
Opens:
                                             C:\Program Files\Windows Media Player\Network
Sharing\ConnectionManager.xml
Opens: C:\Program Files\Windows Media Player\Network
Opens: C:......Sharing\ContentDirectory.xml
Onens: C:\Program Files\Windows Media Player\Network
Sharing\MediaReceiverRegistrar.xml
C:\ProgramData\Microsoft\Crypto\RSA\MachineKeys\0758d43fe07c2439041ddb5e8144f0e2_577c175f-2428-
49fc-a95e-635c93546ef9
   Opens:
\label{localServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServiceNormalServ
Device Host\upnphost\udhisapi.dll
  Opens:
                                              \hbox{C:\Program Files\Windows Media Player\Network Sharing\wmpnss\_color48.png}
Opens: C:\Usindows\ServiceProfiles\NetworkService\AppData\Local\Microsoft\Windows Media Player
NSS\3.0\Icon Files\0aef9a97-98cd-4f89-b183-3db737149306.png
Opens: C:\Users\Public\Libraries\RecordedTV.library-ms
Opens:
C:\ProgramData\Microsoft\Crypto\RSA\MachineKeys\c9b2a162fe2e8905ca66c1b53d166a01_577c175f-2428-
49fc-a95e-635c93546ef9
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\PeerNetworking\8d844364c535c5b5c8ba03cedd538a73.sst
Opens: C:\ProgramData\Microsoft\Crypto\RSA\MachineKeys\eb3bc6388b8f46d91ac65574d706a290_577c175f-2428-
49fc-a95e-635c93546ef9
   Opens:
   Opens:
Opens
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\PeerNetworking\65e9eda7bcb6088518aea0ddf13df80843a6ea25.HomeGroupClassifier\f8d4f95592ce335421d51fadb8712f5c\grouping
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\PeerNetworking\65e9eda7bcb6088518aea0ddf13df80843a6ea25.HomeGroupClassifier\f8d4f95592ce335421d51fadb8712f5c\grouping\edb.log
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\PeerNetworking\65e9eda7bcb6088518aea0ddf13df80843a6ea25.HomeGroupClassifier\f8d4f95592ce335421d51fadb8712f5c\grouping\edb.chk
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\PeerNetworking\65e9eda7bcb6088518aea0ddf13df80843a6ea25.HomeGroupClassifier\f8d4f95592ce335421d51fadb8712f5c\grouping\db.mdb
   Opens:
C:\Windows\ServiceProfiles\LocalService\AppData\Roaming\PeerNetworking\65e9eda7bcb6088518aea0ddf13df80843a6ea25.HomeGroupClassifier\f8d4f95592ce335421d51fadb8712f5c\grouping\tmp.edb
                                              C:\Windows\winsxs\FileMaps\$$.cdf-ms
  Opens:
                                              C:\Users\Public\Music\Sample Music
C:\Windows\System32\drttransport.dll
   Onens:
   Opens:
   Opens:
                                              C:\Windows\System32\drt.dll
   Opens:
                                               C:\Users\Public\Pictures\Sample Pictures
                                              C:\Users\Public\Pictures\Sample Pictures\desktop.ini
   Opens:
   Opens
    \Windows\ServiceProfiles\LocalService\AppData\Roaming\Microsoft\Crypto\RSA\S-1-5-
19\7e22207fe9846926e18c29d3e675240e 577c175f-2428-49fc-a95e-635c93546ef9
                                              C:\Windows\Prefetch\WMPNSCFG.EXE-FC0D39BF.pf
C:\Windows\AppPatch\pcamain.sdb
   Opens:
                                              C:\Windows\System32\wbem\cimwin32.dll
C:\Windows\System32\wbem\en-US\cimwin32.dll.mui
   Opens:
   Opens:
   Opens:
                                              C:\Windows\System32\browcli.dll
                                              C:\Windows\System32\framedynos.dll
C:\Windows\System32\schedcli.dll
   Opens:
                                              C:\Windows\System32\wmi.dll
C:\Windows\System32\catroot\{F750E6C3-38EE-11D1-85E5-
   Opens:
00C04FC295EE}\prnxx002.cat
                                              C:\Users\Admin\AppData\Local\Temp\~DF1FDE99B52F239651.TMP
C:\Windows\System32\asycfilt.dll
   Opens:
                                              C:\Windows\Fonts\ariali.ttf
C:\Windows\System32\aeevts.dll
   Opens:
   Opens:
Opens: C:\Windows\System32\winevt\Logs\Microsoft-Windows-Application-
Experience%4Program-Compatibility-Assistant.evtx
Opens: C:\Windows\System32\winevt\Logs\Microsoft-Windows-Application-
Experience%4Program-Telemetry.evtx
Opens: C:\Windows\System32\winevt\Logs\Microsoft-Windows-Application-
Experience%4Program-Inventory.evtx
Opens: C:\Windows\System32\winevt\Logs\Microsoft-Windows-Application-
Experience%4Problem-Steps-Recorder.evtx
Opens: C:\Windows\System32\winevt\Logs\Microsoft-Windows-Application-
Experience%4Program-Compatibility-Troubleshooter.evtx
                                              C:\Windows\Prefetch\ReadyBoot\Trace6.fx
  Opens:
                                               C:\Windows\System32\winevt\Logs\Microsoft-Windows
   Opens
International%40perational.evtx
                                              C:\Windows\System32\en-US\sppcommdlg.dll.mui
C:\Windows\System32\en-US\slc.dll.mui
   Opens:
   Opens:
                                              C:\Program Files\Adobe\Reader 9.0
C:\Program Files\Adobe\Reader 9.0\Reader
   Opens:
   Opens:
   Opens:
                                              C:\Program Files\Adobe\Reader 9.0\Reader\reader_sl.exe
C:\Windows\winsxs\Manifests\x86_policy.8.0.microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.4940_none_516d712b0f495a45.manifest
C: \dot{\textbf{W}} indows \textbf{W} insxs \textbf{M} an ifests \textbf{X} 86\_microsoft. \textbf{v} c80.crt\_1 fc8b3b9a1e18e3b\_8.0.50727.4940\_none\_d08cc06a442b34fc.man ifest features and the state of the s
  Opens:
                                              C:\Users\Public\Desktop\Adobe Reader 9.lnk
                                              C:\Program Files\Common Files\Adobe\ARM\1.0
C:\Program Files\Common Files\Adobe\ARM\1.0\Adobe\ARM.exe
   Opens:
   Opens:
   Onens:
                                              C:\Program Files\Common Files\Java\Java Update
C:\Windows\winsxs\x86 microsoft.vc80.crt 1fc8b3b9a1e18e3b 8.0.50727.4940 none d08cc06a442b34fc\msvcp80.dll
C:\Windows\winsxs\x86_microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.4940_none_d08cc06a442b34fc\msvcr80.dll
                                              C:\Windows\System32\oledlg.dll
C:\Program Files\Common Files\Java\Java Update\jusched.exe
   Onens:
   Opens:
   Opens:
                                              C:\Users\Admin\AppData\Roaming\Microsoft\Protect\S-1-5-21-2160590473-
689474908-1361669368-1002
```

```
Opens:
                                                                   C:\Users\Admin\AppData\Local\Temp\AdobeARM.log
                                                                  C:\Program Files\Adobe\Reader 9.0\Reader\AcroRd32.exe
C:\Windows\System32\en-US\shlwapi.dll.mui
     Opens:
     Opens:
    Opens:
                                                                   C:\Windows\System32\wscui.cpl
     Opens:
C:\ProgramData\Microsoft\Crypto\RSA\MachineKevs\d5671e75207216480e6eea946e1a6f31 577c175f-2428-
49fc-a95e-635c93546ef9
    Opens:
                                                                   C:\Windows\System32\appwiz.cpl
    Opens
                                                                   C:\Windows\System32\osbaseln.dll
     Opens
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Recent\AutomaticDestinations\7e4dca80246863e3.automaticDestinations-
    Opens:
                                                                  C:\Windows\System32\en-US\appwiz.cpl.mui
                                                                  C:\Windows\System32\Macromed\Flash
C:\Windows\Installer\41e90.msi
    Opens
     Opens:
    Opens:
                                                                  C:\Windows\Installer\41e62.msi
                                                                  C:\Windows\Installer\41e68.msi
C:\Program Files\Java\jre7
     Opens:
    Opens:
                                                                  C:\Program Files\Java\jre7\bin
C:\Windows\Installer\1d4ab.msi
    Opens:
     Opens:
    Opens:
                                                                   C:\Windows\Installer\361e1.msi
                                                                   C:\Windows\Installer\1d4a7.msi
                                                                   C:\Windows\Installer\{95120000-003F-0409-0000-000000FF1CE}\xlvwicon.exe
    Opens:
                                                                   0000000FF1CE}\012ConvIcon.exe
    Opens:
                                                                  C:\Windows\Installer\41e6c.msi
                                                                  C:\Windows\System32\Macromed\Flash\FlashUtil10h_ActiveX.exe
C:\Windows\Installer\1d4c0.msi
    Opens:
                                                                  C:\Windows\Installer\{90850409-6000-11D3-8CFE-0150048383C9}\wrdvicon.exe
C:\Program Files\Java\jre7\bin\javaws.exe
C:\Windows\Installer\{AC76BA86-7AD7-1033-7B44-A9300000001}
    Opens:
    Opens:
                                                                   C:\Windows\Installer\{AC76BA86-7AD7-1033-7B44-
A9300000001}\SC_Reader.ico
                                                                  C:\Windows\Media\Windows Exclamation.way
                                                                   C:\Windows\System32\msiexec.exe
     Opens:
    Opens:
                                                                   C:\Windows\AppPatch\AcGenral.dll
                                                                  C:\Windows\System32\msacm32.dll
C:\Windows\System32\en-US\msiexec.exe.mui
     Opens:
    Opens:
     Opens:
                                                                  C:\Windows\System32\srclient.dll
C:\Windows\System32\spp.dll
    Opens:
    Opens:
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C:\Windows\winsxs\FileMaps\$$_inf_.net_clr_data_0000_9334e121f0277e71.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_.net_clr_data_0409_9334f23ff02764ac.cdf-ms
  Opens:
                                      C:\Windows\winsxs\FileMaps\$$ inf .net clr data 0864fda87da3c851.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_.net_clr_networking_0000_417aaafa90927065.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_.net_clr_networking_0409_417ab2a4909264b0.cdf-ms
  Opens:
C:\Windows\winsxs\FileMaps\$$_inf_.net_clr_networking_d061836896f4f29d.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_.net_data_provider_for_oracle_0409_1ac885a6f00b112b.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_.net_data_provider_for_oracle_07838adde9419766.cdf-ms
Opens:
C:\Windows\winsxs\FileMaps\$$_inf_.net_data_provider_for_sqlserver_0000_22ef191981b08b2b.cdf-ms
  Opens:
C:\Windows\winsxs\FileMaps\$$_inf_.net_data_provider_for_sqlserver_0409_22ef188981b08c78.cdf-ms
Opens: C:\Windows\winsxs\FileMaps\$$_inf_.net_data_provider_for_sqlserver_7cfd5f3e72497ce1.cdf-ms
Opens: C:\Windows\winsxs\FileMaps\$$_inf_3f581daba4c8c835.cdf-ms
  Opens:
                                      C:\Windows\winsxs\FileMaps\$$ inf bits 0000 a03dbf7d63e833bd.cdf-ms
                                      C:\Windows\winsxs\FileMaps\$$_inf_bits_0409_a03dbeed63e8350a.cdf-ms
   Opens:
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                                      C:\Windows\winsxs\FileMaps\$$ inf bits 0ef6f148bde367d9.cdf-ms
                                      C:\Windows\winsxs\FileMaps\$\_inf_en-us_0ef70046eId1b811.cdf-ms
C:\Windows\winsxs\FileMaps\$\_inf_esent_0000_5aeb75e54bde718e.cdf-ms
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                                      C:\Windows\winsxs\FileMaps\$$ inf esent 0409 5aeb87034bde57c9.cdf-ms
                                      C:\Windows\winsxs\FileMaps\$$_inf_esent_0ef70656e1d1b1ac.cdf-ms
   Opens:
                                      C:\Windows\winsxs\FileMaps\$$_inf_msdtc_0000_5b1b81b54f36c82e.cdf-ms
  Opens:
                                      C:\Windows\winsxs\FileMaps\$$_inf_msdtc_0409_5b1b92d34f36ae69.cdf-ms
   Opens:
                                      C:\Windows\winsxs\FileMaps\$$_inf_msdtc_0ef70686e1d9b30c.cdf-ms
   Opens:
   Onens:
C:\Windows\winsxs\FileMaps\$$_inf_msdtc_bridge_3.0.0.0_0000_5d60388d7f35c25e.cdf-
  Onens:
C:\Windows\winsxs\FileMaps\$$_inf_msdtc_bridge_3.0.0.0_0409_5d6037fd7f35c3ab.cdf-ms
Opens: C:\Windows\winsxs\FileMaps\$$_inf_pnrpsvc_0000_43733b07fe2eb83f.cdf-ms
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                                      C:\Windows\winsxs\FileMaps\$$_inf_pnrpsvc_3932681b8fb41c9d.cdf-ms
   Opens:
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                                      C:\Windows\winsxs\FileMaps\$$_inf_rdyboost_0409_50c6198d7330ca6a.cdf-ms
   Opens:
                                      C:\Windows\winsxs\FileMaps\$$_inf_rdyboost_95e76b07334dd353.cdf-ms
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Opens: C:\Windows\winsxs\FileMaps\$$_inf_remoteaccess_110554180baafc8b.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_servicemodelendpoint_3.0.0.0_0000_1441b5e36e0dde07.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_servicemodelendpoint_3.0.0.0_0409_1441b5536e0ddf54.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_servicemodeloperation_3.0.0.0_0000_9b92bb9ad51f70d3.cdf-ms
C:\Windows\winsxs\FileMaps\$$ inf servicemodeloperation 3.0.0.0 0409 9b92ccb8d51f570e.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_servicemodelservice_3.0.0.0_0000_2fd4d7f498bba769.cdf-ms
C:\Windows\winsxs\FileMaps\$$_inf_servicemodelservice_3.0.0.0_0409_2fd4df9e98bb9bb4.cdf-ms
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  Opens:
                                      C:\Windows\winsxs\FileMaps\$$ 12schemas d7bb5637381de58c.cdf-ms
                                      C:\Windows\winsxs\FileMaps\$$_media_401039ffa1d92906.cdf-ms
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C:\Windows\winsxs\FileMaps\$$_media_calligraphy_7b7c7a996fa5cd3c.cdf-ms
C:\Windows\winsxs\FileMaps\$$_media_characters_8ee06d90f7dead3a.cdf-ms
      Opens:
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                                                                  C: \windows\winsxs\fileMaps\$\$_media\_cityscape\_b0cbff7c81824cc5.cdf-ms C:\windows\winsxs\FileMaps\$\$_media\_delta\_0f36d7d9b4f7293c.cdf-ms 
     Opens:
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                                                                 C:\Windows\winsxs\FileMaps\$$_media_garden_6cea56938e5bd6b1.cdf-ms
C:\Windows\winsxs\FileMaps\$$_media_heritage_bd7af0f60e3b0705.cdf-ms
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     Opens:
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     Opens
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     Opens:
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     Opens:
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     Opens:
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     Opens:
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  Opens:
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windows-rasserver-migplugin_bid9b81e0b884bcc.cdf-ms
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   Opens:
windows-bluetooth-config_40d5c57bfa898bfd.cdf-ms

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windows-ie-esc 881b20a0d2777648.cdf-ms
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windows-rasserver-migplugin_9fbe397ae34120be.cdf-ms
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windows-tapisetup 0be6007940c10533.cdf-ms
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terminalservices-appserver-licensing_10d3d9d862990d9c.cdf-ms
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terminalservices-licenseserver_cff2bf5f876a8fcd.cdf-ms
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us_5b08a36c001a2d60.cdf-ms
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  us 103725fe114f4888.cdf-ms
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      Opens:
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  signed_d1e9d31c180bebd2.cdf-ms
      Opens:
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  component-sku-professional_b76e8f28df7dd879.cdf-ms
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   4d3decd87120 8740ea4a07ab72cd.cdf-ms
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   d8f2cf8722c9_en-us_66e939cf450318c4.cdf-ms
          Opens:
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          Opens:
   C:\Windows\winsxs\FileMaps\programdata_microsoft_device_stage_task_e35be42d-f742-4d96-a50a-
   1775fb1a7a42_en-us_98bc184903c637fe.cdf-ms
   C:\Windows\winsxs\FileMaps\programdata_microsoft_identitycrl_9ceb7e1568e6c6e7.cdf-ms
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  us_css_863292ab8d2936a8.cdf-ms
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  us_d90b1afcc77a7607.cdf-ms
       Opens:
 C:\Windows\winsxs\FileMaps\program_files_windows_sidebar_gadgets_weather.gadget_enus_js_4f0bf75a094013ae.cdf-ms
  ms
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  C:\Windows\winsxs\FileMaps\program files windows sidebar gadgets weather.gadget images 585d106689450aab.cdf-
       Opens:
  C:\Windows\winsxs\FileMaps\users_default_appdata_roaming_media_center_programs_b8fc97cb3886dd3f.cdf-
       Opens:
  C:\Windows\winsxs\FileMaps\users_public_recorded_tv_a6d3315b447834ed.cdf-ms
       Opens:
  C:\Windows\winsxs\FileMaps\users_public_recorded_tv_sample_media_273d5f336c167723.cdf-ms
                                                                                            C:\Windows\Microsoft.NET\Framework\v3.5
C:\Windows\Microsoft.NET\Framework\v3.0\WPF
        Opens:
        Opens:
                                                                                            C:\Windows\Microsoft.NET\Framework\v3.0\Windows Workflow
  Foundation\SQL\en
       Opens:
                                                                                            C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG
         Opens:
                                                                                             C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\Browsers
                                                                                            C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles
        Opens:
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Security
        Opens:
                                                                                            C:\Windows\System32\wfp
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Security\Wizard
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Security\Wizard\App_LocalResources
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Security\Users
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Security\Roles
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Security\Permissions
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Securitv\App LocalResources
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Providers
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Providers\App_LocalResources
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\Images
  C:\Windows\Microsoft NET\Eramework\v2 0 50727\ASP NETWebAdminEiles\Ann LocalResources
  C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\App Code
  Opens: C:\Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NETWebAdminFiles\AppConfig
  \label{lem:condition} C: \mbox{\tt Windows\Microsoft.NET\Framework\v2.0.50727\ASP.NET\WebAdminFiles\AppConfig\App\_LocalResources} \\
       Opens:
                                                                                            C:\Windows\Microsoft.NET\Framework\v1.0.3705
                                                                                            C:\Windows\Vss\Writers\System
C:\Windows\Vss\Writers\System\Obada1de-01a9-4625-8278-69e735f39dd2.xml
        Opens:
                                                                                             C: \windows\vss\writers\system\normalfont \normalfont \normalfo
        Onens:
         Opens:
        Opens:
                                                                                             C:\Program Files\Common Files\System
                                                                                             C:\Program Files\DVD Maker\Shared
```

```
Opens
                                  C:\Windows\ehome\CreateDisc
                                  C:\Windows\System32\en-US\Licenses\OEM
C:\Windows\System32\IME\IMEJP10
  Opens:
  Opens:
  Opens:
                                  C:\Windows\Web\Wallpaper
                                     \Program Files\Windows Sidebar\Gadgets
  Opens:
  Opens:
                                   C:\Windows\diagnostics\system
                                  C:\Windows\System32\en-US\Licenses\eval
C:\Program Files\DVD Maker\Shared\DvdStyles
  Opens:
  Opens:
                                  C:\Windows\diagnostics\system\AERO
C:\Windows\System32\spp\tokens
  Opens
  Opens:
  Opens:
                                   C:\Windows\Svstem32\en-US\Licenses\ Default
  Opens:
                                   C:\Windows\System32\migwiz\dlmanifests
                                   C:\Windows\schemas
  Opens:
                                  C:\Windows\Schemas
C:\Windows\System32\IME\shared
C:\Windows\PolicyDefinitions
  Opens
  Opens:
  Opens:
                                   C:\Windows\Svstem32\oobe
  Opens:
                                   C:\Windows\System32\spool\tools
                                   C:\Windows\diagnostics\system\IEBrowseWeb
  Opens:
  Opens:
                                   C:\Windows\PLA\Rules
  Opens:
                                     \Windows\diagnostics\system\Power
                                  C:\Windows\System32\migwiz\replacementmanifests
C:\Windows\System32\WindowsPowerShell\v1.0\Modules
C:\Windows\diagnostics\scheduled\Maintenance
  Opens:
  Opens:
  Opens:
Opens:
                                  C:\Windows\PLA\Reports
C:\Program Files\Windows Sidebar\Gadgets\MediaCenter.Gadget
  Opens:
                                  C:\Windows\System32\migration
                                   C:\ProgramData\Microsoft\Device Stage\Task\{07deb856-fc6e-4fb9-8add-
d8f2cf8722c9}
 Opens:
                                  C:\Windows\diagnostics\system\IESecurity
C:\Program Files\Common Files\microsoft shared\ink\fsdefinitions
  Opens:
                                  {\tt C:\Windows\diagnostics\system\HomeGroup}
                                  C:\Windows\System32\Dism
C:\Windows\System32\IME\IMESC5
  Opens:
                                  C:\Program Files\Windows Sidebar\Gadgets\Weather.Gadget\images
C:\Windows\System32\NetworkList\Icons
  Opens:
  Opens
                                  C:\Program Files\Common Files\System\ado
C:\Windows\diagnostics\system\Audio
C:\Windows\System32\migration\WSMT\rras\replacementmanifests
  Opens:
  Opens:
  Opens:
  Opens:
                                  C:\Program Files\Reference Assemblies\Microsoft\Framework\v3.5
C:\Program Files\Windows Sidebar\Gadgets\SlideShow.Gadget\images
  Opens:
  Opens:
                                   C:\Windows\Boot\PCAT
                                     :\ProgramData\Microsoft\Windows NT\MSFax
  Opens:
  Opens:
                                   C:\Windows\diagnostics\system\Networking
  Opens:
                                  C:\Windows\diagnostics\system\Device
C:\Windows\diagnostics\system\Search
  Opens:
  Opens:
                                   C:\Program Files\Windows Photo Viewer
                                     \Windows\diagnostics\system\Performance
  Opens:
                                   C:\Windows\System32\WindowsPowerShell\v1.0\Modules\BitsTransfer
  Opens:
                                  C:\Windows\diagnostics\system\Windows\MediaPlayerPlayDVD
C:\Windows\diagnostics\system\Windows\MediaPlayerPlayDVD
  Opens:
  Opens:
                                  C:\Program Files\Common Files\System\msadc
C:\Program Files\Common Files\System\Ole DB
  Opens:
  Opens:
                                  C:\ProgramData\Microsoft\Device Stage\Task\{e35be42d-f742-4d96-a50a-
  Opens
1775fb1a7a42}
                                  C:\Windows\diagnostics\system\DeviceCenter
 Opens:
                                  C:\Windows\diagnostics\system\Printer
C:\Program Files\Reference Assemblies\Microsoft\Framework\v3.0
  Opens
  Opens:
                                  C:\Windows\diagnostics\system\WindowsMediaPlayerConfiguration
C:\Windows\System32\com
C:\Windows\diagnostics\system\PCW
  Opens:
  Opens:
  Opens:
                                  C:\Windows\System32\migration\WSMT\rras\dlmanifests
C:\Program Files\Windows Mail
  Opens
  Opens
                                  C:\System Volume Information\SPP\OnlineMetadataCache
  Opens:
Opens: C:\System Volume Information\SPP\OnlineMetadataCache\{4f2dcf97-2c63-4554-a51c-bf0ab965d1e0}_OnDiskSnapshotProp
                                  C:\Windows\ServiceProfiles\LocalService\NTUSER.DAT.LOG1
 Opens
                                  C:\Users\Admin\ntuser.dat.LOG1
C:\Windows\ServiceProfiles\NetworkService\NTUSER.DAT.LOG1
  Opens
  Opens:
                                  C:\Users\Admin\AppData\Local\Microsoft\Windows\UsrClass.dat.LOG1
C:\Windows\System32\config\SOFTWARE.LOG1
  Opens:
                                  C:\Windows\System32\config\DEFAULT.LOG1
C:\Windows\System32\config\SECURITY.LOG1
  Opens:
  Opens
                                  C:\System Volume Information\Syscache.hve.LOG1
C:\Windows\System32\Microsoft\Protect\S-1-5-19
C:\Windows\AppPatch\msimain.sdb
  Opens:
  Opens:
                                  C:\Windows\System32\en-US\sxs.dll.mui
C:\Windows\System32\ar-SA
  Opens:
  Opens
  Opens:
                                   C:\Windows\Svstem32\cs-CZ
                                     :\Windows\System32\da-Dk
                                   C:\Windows\System32\de-DE
  Opens:
                                  C:\Windows\System32\el-GR
C:\Windows\System32\es-ES
  Opens:
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C:\Windows\System32\he-IL
  Opens:
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                                  C:\Windows\System32\hu-HU
C:\Windows\System32\it-IT
  Opens:
  Opens:
                                   C:\Windows\System32\ja-JP
                                     \Windows\System32\ko-KR
  Opens:
  Opens:
                                   C:\Windows\Svstem32\nb-NO
                                  C:\Windows\System32\nl-NL
C:\Windows\System32\pl-PL
  Opens:
  Opens:
  Opens:
                                  C:\Windows\System32\pt-BF
                                     \Windows\System32\pt-P1
  Opens:
  Opens:
                                   C:\Windows\Svstem32\ru-RU
                                  C:\Windows\System32\sr-Latn-CS
C:\Windows\System32\sv-SE
  Opens:
  Opens:
  Opens:
                                  C:\Windows\Svstem32\tr-TR
  Opens:
                                     :\Windows\System32\zh-CN
  Opens:
                                  C:\Windows\Svstem32\zh-TW
                                  C:\Windows\Microsoft.NET\Framework\v2.0.50727\fusion.dll
C:\Windows\System32\RstrtMgr.dll
  Opens:
  Opens:
  Onens:
                                  C:\Windows\Installer\$PatchCache$\Managed
                                   C:\Windows\System32\winevt\Logs\Microsoft-Windows-
  Opens
RestartManager%4Operational.evtx
                                  C:\Windows\System32\msisip.dll
C:\Windows\System32\en-US\DisplaySwitch.exe.mui
  Opens:
  Opens:
                                  C:\Windows\System32\en-US\SnippingTool.exe.mui
C:\Windows\System32\SNTSearch.dll
  Opens
  Opens:
  Opens:
                                  C:\Windows\Svstem32\en-US\sntsearch.dll.mui
                                  C:\Windows\System32\OobeFldr.dll
C:\Windows\System32\en-US\oobefldr.dll.mui
  Opens:
  Opens:
                                  C:\Windows\System32\adsldpc.dll
C:\Windows\Prefetch\ReadyBoot\Trace7.fx
  Opens:
  Opens:
```

C:\Windows\System32\security.dll
C:\Windows\System32\pythoncom27.dll

```
C:\Windows\Svstem32\svssetup.dll
  Opens:
  Opens:
Opens:
                                 C:\Windows\System32\wbem\wbemdisp.dll
C:\Windows\System32\wbem\wbemdisp.tlb
                                 C:\Windows\System32\sppwmi.dl1
C:\Windows\System32\drivers\asyncmac.sys
  Opens:
  Opens:
  Opens:
                                 C:\Windows\Svstem32\cscript.exe
                                 C:\Windows\System32\en-US\cscript.exe.mui
C:\Windows\System32\vbscript.dll
  Opens:
  Opens:
                                 C:\Windows\System32\slmgr.vbs
C:\Windows\System32\wshext.dll
  Opens:
  Opens:
  Opens:
                                 C:\Windows\Svstem32\scrobi.dll
                                 C:\Windows\System32\scrrun.dll
C:\Windows\System32\slmgr\0409\slmgr.ini
  Opens:
  Opens:
  Opens:
                                 C:\Windows\System32\winevt\Logs\Microsoft-Windows-
ReadyBoost%40perational.evtx
                                 C:\$Extend
  Opens:
                                 C:\WinOldFileq\83A494219A6.exe
C:\WinOldFileq\9C413B7B23C1D6D
  Writes to:
  Writes to:
  Writes to
                                 C:\Windows\Prefetch\NTOSBOOT-BOODFAAD.pf
                                 C:\Windows\Prefetch\CONHOST.EXE-1F3E9D7E.pf
  Writes to:
                                 C:\Windows\Prefetch\RUNDLL32.EXE-1304AE86.pf
  Writes to:
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@microsoft[2].txt
  Writes to
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@microsoft[1].txt
                                C:\Windows\System32\wfp\wfpdiag.etl
C:\Windows\System32\winevt\Logs\Microsoft-Windows-
  Writes to:
ReadyBoost%40perational.evtx
  Reads from:
Reads from:
                                 C:\Windows\System32\ntdll.dll
C:\Windows\Temp\spyeye_inj_ector_.exe
C:\WinOldFileq\83A494219A6.exe
  Reads from:
                                 C:\WinOldFileq\9C413B7B23C1D6D
C:\Windows\System32\user32.dll
  Reads from:
  Reads from:
  Reads from:
Reads from:
                                 C:\Windows\System32\wininet.dll
C:\Windows\System32\ws2_32.dll
  Reads from:
                                 C:\Windows\System32\advapi32.dll
                                 C:\Windows\System32\crypt32.dll
C:\Windows\Prefetch\AgGlGlobalHistory.db
  Reads from:
  Reads from:
  Reads from:
Reads from:
                                 C:\Windows\Prefetch\AgGlFaultHistory.db
C:\Windows\Prefetch\AgGlFgAppHistory.db
  Reads from:
                                 C:\Windows\System32\Sens.dll
                                 C:\Windows\System32\stdole2.tlb
C:\Windows\Prefetch\RUNDLL32.EXE-1304AE86.pf
  Reads from:
  Reads from:
  Reads from:
Reads from:
                                 C:\Windows\System32\drivers\etc\hosts
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@www.microsoft[2].txt
C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@microsoft[1].txt
  Reads from:
Reads from:
                                 C:\Windows\Prefetch\ReadyBoot\Trace3.fx
C:\Windows\Prefetch\ReadyBoot\Trace4.fx
  Reads from:
                                 C:\Windows\Prefetch\ReadvBoot\Trace5.fx
  Reads from:
                                  C:\Windows\Prefetch\ReadyBoot\Trace6.fx
                                 C:\Windows\Prefetch\ReadvBoot\Trace7.fx
  Reads from:
  Reads from:
                                 C:\Windows\Prefetch\ReadyBoot.ReadyBoot.etl
C:\Windows\System32\winevt\Logs\Microsoft-Windows-
  Reads from:
ReadyBoost%4Operational.evtx
Deletes: C:\\
                                 C:\Windows\Temp\spyeye_inj_ector_.exe
  Deletes
 \begin{tabular}{ll} C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies\admin@microsoft[2].txt \\ Deletes: C:\Windows\Prefetch\ReadyBoot\ReadyBoot.ReadyBoot.et1 \\ \end{tabular}
```

Network Events

DNS query:	alexeyartemov.com
DNS query:	wpad
DNS query:	www.microsoft.com
DNS query:	teredo.ipv6.microsoft.com
DNS response:	alexeyartemov.com ⇒ 198.105.244.11
DNS response:	alexeyartemov.com ⇒ 104.239.213.7
DNS response:	e10088.dspb.akamaiedge.net ⇒ 23.7.35.22
DNS response:	e10088.dspb.akamaiedge.net ⇒ 184.86.231.62
DNS response:	e10088.dspb.akamaiedge.net ⇒ 23.221.10.57
DNS response:	e10088.dspb.akamaiedge.net ⇒ 104.84.156.166
DNS response:	e10088.dspb.akamaiedge.net ⇒ 95.101.192.8
Connects to:	88.198.13.147:443
Connects to:	8.8.8.8:53
Connects to:	10.74.9.255:138
Connects to:	4.2.2.1:53
Connects to:	224.0.0.252:5355
Connects to:	198.105.244.11:80
Connects to:	127.0.0.1:80
Connects to:	23.221.10.57:80
Connects to:	23.7.35.22:80
Connects to:	104.239.213.7:80
Connects to:	95.101.192.8:80
Sends data to:	8.8.8.8:53
Sends data to:	88.198.13.147:443
Sends data to:	10.74.9.255:138
Sends data to:	4.2.2.1:53
Sends data to:	224.0.0.252:5355
Sends data to:	alexeyartemov.com:80 (198.105.244.11)
Sends data to:	e10088.dspb.akamaiedge.net:80 (23.221.10.57)
Sends data to:	e10088.dspb.akamaiedge.net:80 (23.7.35.22)
Sends data to:	e10088.dspb.akamaiedge.net:80 (95.101.192.8)
Receives data from:	88.198.13.147:443
Receives data from:	10.74.9.100:138
Receives data from:	4.2.2.1:53
Receives data from:	alexeyartemov.com:80 (198.105.244.11)
Receives data from:	8.8.8.8:53
Receives data from:	e10088.dspb.akamaiedge.net:80 (23.221.10.57)
Receives data from:	e10088.dspb.akamaiedge.net:80 (23.7.35.22)
Receives data from:	e10088.dspb.akamaiedge.net:80 (95.101.192.8)

Windows Registry Events

	-0 - 7
Creates key:	HKCU\software\microsoft\windows\currentversion\run
Creates key:	<pre>HKCU\software\microsoft\windows\currentversion\internet settings</pre>
Creates key:	<pre>HKCU\software\microsoft\windows\currentversion\internet settings\zones\0</pre>
Creates key:	HKCU\software\microsoft\windows\currentversion\internet settings\zones\1
Creates key:	HKCU\software\microsoft\windows\currentversion\internet settings\zones\2
Creates key:	HKCU\software\microsoft\windows\currentversion\internet settings\zones\3
Creates key:	HKCU\software\microsoft\windows\currentversion\internet settings\zones\4
Creates key:	HKCU\software\microsoft\windows\currentversion\internet
settings\lockdowr	_zones\1

```
Creates kev:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown_zones\2
                                                HKCU\software\microsoft\windows\currentversion\internet
  Creates key:
settings\lockdown_zones\3
HKCU\software\microsoft\windows\currentversion\internet
                                                HKCU\software\microsoft\internet explorer\phishingfilter
   Creates key:
   Creates key:
   Creates key:
                                                HKLM\software\microsoft\windows nt\currentversion\networklist\nla\cache
                                                HKLM\software\microsoft\windows
   Creates key:
nt\currentversion\networklist\nla\cache\intranet
Creates key: HKLM\software\microsoft\windows nt\currentversion\networklist\nla\cache\intranet\
   Creates key:
                                                HKCII\software\microsoft\systemcertificates\my
   Creates key:
                                                HKCU\software\microsoft windows
  Creates key
                                                HKLM\system\currentcontrolset\control\network\{4d36e972-e325-11ce-bfc1-
08002be10318}\{128919e8-8a5e-41d1-ac17-c19ce8a73253}\connection
Creates key: HKU\s-1-5-21-2160590473-689474908-1361669368-1002\software\microsoft\ras
autodial
  Creates key:
                                                HKU\s-1-5-21-2160590473-689474908-1361669368-1002\software\microsoft\ras
autodial\default
                                                HKLM\software\microsoft\ras autodial
   Creates key:
                                                HKLM\software\microsoft\ras autodial\default
   Creates key:
   Creates key
                                                \label{thm:hammon} HKLM \software \mbox{$\mbox{$\mathbb{N}$ irrent version}$ emd mgmt} \\ HKLM \software \mbox{$\mbox{$\mathbb{N}$ current controlset}$ ervices \rdyboost \parameters} \\
   Creates key:
  Creates kev:
                                                HKLM\software\microsoft\windows
nt\currentversion\superfetch\diskassessment
                                                HKLM\software\microsoft\windows nt\currentversion\prefetcher
   Creates key:
   Creates key:
                                                \label{thm:hammon} HKLM \software \mbox{\sc current version \sc version} in all a yout $HKLM \system \c current control \sc version \sc 
   Creates key:
  Creates key
                                                HKLM\system\currentcontrolset\services\rdyboost\attachstate
                                                HKLM\software\microsoft\windows nt\currentversion\nvcache
   Creates key
                                                HKLM\system\currentcontrolset\control\session manager\memory
  Creates key:
management\prefetchparameters
Creates key: HKLM
                                                HKLM\software\microsoft\tracing
HKCU\software\microsoft\windows\currentversion\internet
  Creates kev:
settings\connections
                                                HKLM\software\classes
  Creates key:
   Creates key:
                                                HKCU\software\appdatalow
HKCU\software\microsoft\internet explorer\internetregistry
   Creates key:
  Creates key
                                                HKCU\software\microsoft\internet explorer\lowregistry
                                                HKCU\software\microsoft\internet
   Creates key:
explorer\lowregistrv\dontshowmethisdialogagain
Creates key:
settings\5.0\lowcache
                                                HKCU\software\microsoft\windows\currentversion\internet
  Creates key:
                                                HKCU\software\microsoft\internet explorer\intelliforms
    Creates key:
                                                HKCU\software\microsoft\internet explorer\toolbar
                                                HKCU\software\microsoft\internet explorer\toolbar\webbrowser
   Creates key:
   Creates key
HKCU\software\microsoft\windows\currentversion\explorer\menuorder\favorites
                                                HKCU\software\microsoft\internet explorer\pagesetup HKCU\software\microsoft\windows\currentversion\internet
   Creates kev:
   Creates key
settings\passport\lowdamap
  Creates key:
Creates key:
                                                HKCU\software\microsoft\windows\currentversion\internet settings\wpad
HKCU\software\microsoft\windows\currentversion\explorer\lowregistry
   Creates key
                                                HKCU\software\microsoft\internet explorer\zoom HKCU\software\microsoft\internet explorer\browseremulation\lowmic
   Creates key:
   Creates key:
                                                HKCU\software\microsoft\internet explorer\ietld\lowmic
  Creates key
                                                HKCU\software\microsoft\windows nt\currentversion\network\location
awareness
  Creates kev:
                                                HKLM\system\currentcontrolset\services\tcpip\parameters
   Creates key:
                                                HKLM\software\microsoft
   Creates key
   Creates key
HKLM\system\currentcontrolset\services\mpssvc\parameters\portkeywords\dhcp
\label{lem:creates} Creates \ key: \ HKCU\ software \ microsoft\ windows\ current version\ internet settings\ wpad\ \{7bf7ed91-f442-458a-abea-c661d1bd5efb\}
  Creates kev:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\{7bf7ed91-f442-458a-abea-c661d1bd5efb}\82-da-ad-19-17-f7
Creates key: HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\82-da-ad-19-17-f7
Creates key: HKCU\s
                                                HKCU\software\microsoft\windows\currentversion\internet
settings\p3p\history
   Creates key:
                                                {\tt HKLM \setminus software \setminus microsoft \setminus wbem \setminus cimom}
                                                HKLM\system\currentcontrolset\control\class\{4d36e972-e325-11ce-bfc1-
   Creates key
08002be10318}\0007
Creates key:
08002be10318}\0006
                                                HKLM\svstem\currentcontrolset\control\class\{4d36e972-e325-11ce-bfc1-
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[proxyserver]
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[proxyoverride]
  Deletes value:
                                                HKCU\software\microsoft\windows\currentversion\internet
settings[autoconfigurl]
                                                HKLM\system\currentcontrolset\services\tcpip\parameters[dhcpnameserver]
  Deletes value:
   Deletes value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[dhcpnameserver]
                                                HKLM\system\currentcontrolset\services\tcpip\parameters[dhcpdomain]
   Deletes value:
c19ce8a73253}[dhcpdomain]
   Deletes value:
HKLM \ system \ current controls et \ services \ net bt \ parameters \ interfaces \ tcpip \ \{128919e8-8a5e-41d1-4464\} \ and \ before \ tcpip \ description \ for the system \ 
ac17-c19ce8a73253}[dhcpnameserverlist]
  Deletes value:
c19ce8a73253}[dhcpsubnetmaskopt]
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
ThLM: system: refreshed teachers; control set\services\netbt\parameters[dhcpscopeid]

Deletes value: HKLM\system\currentcontrolset\services\netbt\parameters[dhcpscopeid]
   Deletes value:
HKLM\system\currentcontrolset\services\netbt\parameters\interfaces\tcpip_{128919e8-8a5e-41d1-
ac17-c19ce8a73253}[dhcpnetbiosoptions]
                                                HKLM\system\currentcontrolset\control\session manager
HKLM\system\currentcontrolset\control\terminal server
   Opens key:
   Opens key:
   Opens key:
                                                HKLM\system\currentcontrolset\control\safeboot\option
   Opens key:
                                                HKLM\system\currentcontrolset\control\srp\gp\dll
                                                HKLM\software\policies\microsoft\windows\safer\codeidentifiers
   Opens key:
   Opens key:
                                                HKCU\software\policies\microsoft\windows\safer\codeidentifiers
                                                HKCU\
   Opens key:
                                                HKCU\control panel\desktop\muicached\machinelanguageconfiguration
HKLM\software\policies\microsoft\mui\settings
HKCU\software\policies\microsoft\control panel\desktop
   Opens key:
   Opens key:
   Opens key:
```

HKCU\control panel\desktop\languageconfiguration

Opens key

```
Opens key:
                                                                   HKCU\control panel\desktop
     Opens key:
                                                                   HKCU\control panel\desktop\muicached
                                                                    HKLM\software\microsoft\windows\currentversion\sidebyside
     Opens key:
    Opens key:
                                                                   HKLM\system\currentcontrolset\control\nls\sorting\versions
     Opens key:
    Opens key:
                                                                   HKLM\software\microsoft\windows nt\currentversion\diagnostics
                                                                   HKLM\system\currentcontrolset\control\computername
HKLM\system\currentcontrolset\control\computername\activecomputername
     Opens key:
    Opens key:
                                                                   HKLM\system\setup
HKLM\system\currentcontrolset\control\nls\customlocale
    Opens key:
     Opens key:
    Opens key:
                                                                    HKLM\svstem\currentcontrolset\control\nls\extendedlocale
Opens key:
options\83a494219a6.exe
                                                                   HKLM\software\microsoft\windows nt\currentversion\image file execution
    Opens key:
                                                                   HKCU\software\microsoft\windows\currentversion\explorer\shell folders
     Opens key:
                                                                    HKLM\software\microsoft\windows nt\currentversion\appcompatflags\layers
    Opens key:
                                                                   HKCU\software\microsoft\windows nt\currentversion\appcompatflags\layers
Opens key: HKLM\software\microsoft\windows nt\currentversion\appcompatflags\custom\83a494219a6.exe
    Opens key:
Opens key:
                                                                   HKLM\System\currentcontrolset\services\crypt32
HKLM\hardware\devicemap\video
                                                                   HKLM\system\currentcontrolset\control\video\{c54b6caf-be91-4a10-ab56-
    Opens kev
fd27e3774e32}\0000
Opens key:
\label{local-bound} HKL \begin{tabular}{ll} HKL \begin{tabular}{ll} MKL \beg
Opens key:
9dd4432fa2e9}\0000
Opens key:
0d8e74595f78}\0000
                                                                    HKLM\system\currentcontrolset\control\video\{42cf9257-1d96-4c9d-87f3-
Opens key:
8ed0c8eb59a8}\0000
                                                                   HKLM\system\currentcontrolset\control\video\{b043b95c-5670-4f10-b934-
    Opens key:
                                                                   HKLM\svstem\currentcontrolset\control\error message instrument\
                                                                   HKLM\system\currentcontrolset\control\error message instrument HKLM\software\microsoft\windows nt\currentversion\gre_initialize
      Opens key:
    Opens key:
    Opens key:
Opens key:
                                                                   HKLM\software\microsoft\windows nt\currentversion\compatibility32 HKLM\software\microsoft\windows nt\currentversion\ime compatibility
    Opens kev:
                                                                   HKLM\software\microsoft\windows nt\currentversion\windows
                                                                    HKLM\software\microsoft\ole
     Opens key:
                                                                   HKLM\software\microsoft\ole\tracing
    Opens key:
     Opens key
                                                                   HKLM\software\microsoft\oleaut
HKLM\software\microsoft\windows\currentversion\internet settings
     Opens key:
    Opens key:
                                                                   HKLM\software\policies\microsoft\windows\currentversion\internet
 settings
                                                                   HKLM\software\policies\microsoft\power\powerrequestoverride
    Opens kev:
     Opens key:
                                                                   HKLM\system\currentcontrolset\control\power\powerrequestoverride
HKLM\system\currentcontrolset\control\power\powerrequestoverride\driver
     Opens key:
                                                                   HKLM\software\microsoft\internet explorer
HKCU\software\microsoft\windows\currentversion\internet settings\user
    Opens kev
    Opens key:
agent
    Opens key:
                                                                   HKLM\software\microsoft\windows\currentversion\internet settings\user
agent
    Opens kev
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\user agent
                                                                   HKLM\software\microsoft\windows\currentversion\internet
    Opens key
settings\5.0\user agent
                                                                   HKLM\software\policies\microsoft\windows\currentversion\internet
    Opens key:
settings\user agent
    Opens key:
                                                                   HKCU\software\policies\microsoft\windows\currentversion\internet
settings\user agent
Opens key:
agent\ua tokens
                                                                   HKLM\software\microsoft\windows\currentversion\internet settings\user
     Opens key:
                                                                   HKCU\software\microsoft\windows\currentversion\internet settings
                                                                    HKLM\software\microsoft\windows\currentversion\internet settings\use
    Opens key
agent\pre platform
Opens key: HKLM\softwar
settings\5.0\user agent\pre platform
                                                                   HKLM\software\microsoft\windows\currentversion\internet
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\user agent\pre platform
    Opens kev:
                                                                   HKLM\software\microsoft\windows\currentversion\internet settings\user
 agent\post platform
    Opens key:
                                                                   HKLM\software\microsoft\windows\currentversion\internet
Opens key: https://doi.org/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.
Settings\5.0\user agent\post platform

Opens key: HKLM\software\microsoft\internet explorer\main\featurecontrol
                                                                   HKCU\software\microsoft\internet explorer\main\featurecontrol
     Opens key:
Opens key: HKCU\software\microsoft\internet explorer\main\featurecontrol\feature_browser_emulation
Opens key: HKLM\software\microsoft\sqmclient\windows

explorer\main\featurecontrol\feature_browser_emulation

Opens key: HKLM\software\policies\microsoft\sqmclient\windows
                                                                   HKLM\software\microsoft\sqmclient\windows
HKLM\system\currentcontrolset\services\winsock\parameters
     Opens key:
                                                                   \label{thm:local} HKLM \system \current controlset \services \triph \parameters \winsock HKLM \system \current controlset \services \psched \parameters \winsock \psched \parameters \winsock \psched \parameters \psched \param
    Opens kev:
     Opens key:
                                                                   HKLM\system\currentcontrolset\services\winsock\setup migration\providers
    Opens key:
     Opens key:
                                                                   HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\psched
    Opens kev:
                                                                   HKLM\system\currentcontrolset\services\tcpip\parameters\winsock
                                                                   HKLM\system\currentcontrolset\services\winsock\setup
     Opens key:
migration\providers\tcpip
Opens kep:

HKLM\software\microsoft\windows\currentversion\sidebyside\assemblystorageroots
    Opens key:
                                                                   HKLM\software\policies
                                                                    HKCU\software\policies
     Opens key:
    Opens key:
                                                                   HKCU\software
    Opens key:
Opens key:
                                                                   HKLM\software
                                                                   HKLM\software\policies\microsoft\internet explorer
    Opens kev
                                                                   HKLM\software\policies\microsoft\internet explorer\main
     Opens key:
                                                                   HKCU\software\policies\microsoft\windows\currentversion\internet
settings
                                                                   \label{thm:loss} HKLM\software\policies\microsoft\internet\ explorer\main\featurecontrol\ HKCU\software\policies\microsoft\internet\ explorer\main\featurecontrol\ explorer\main\featurecontrol\ explorer\main\featurecontrol\ explorer\main\featurecontrol\ explorer\main\featurecontrol\ explorer\main\featurecontrol\ explorer\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\feature\main\f
    Opens key:
     Opens key:
    Opens key
                                                                   HKI M\software\microsoft\windows\currentversion\internet
 settings\5.0\cache
    Opens key:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache
                                                                   HKCU\software\microsoft\windows\currentversion\internet
    Opens key:
settings\5.0\cache\content
Opens key:
Settings\5.0\cache\content
                                                                   HKLM\software\microsoft\windows\currentversion\internet
    Opens key:
Opens key:
                                                                   HKCU\software\microsoft\windows\currentversion\explorer\sessioninfo\1\knownfolders
    Opens key:
                                                                   HKCU\software\microsoft\windows\currentversion\explorer\user shell
folders
    Opens key:
                                                                   HKCU\software\microsoft\windows\currentversion\internet
```

```
settings\5.0\cache\cookies
                                                    HKLM\software\microsoft\windows\currentversion\internet
settings\5.0\cache\cookies
                                                    HKCU\software\microsoft\windows\currentversion\internet
   Opens kev:
Opens key: ........settings\5.0\cache\history
Onens key: HKLM\software\microsoft\windows\currentversion\internet
Opens key:
settings\5.0\cache\history
Opens kev: HKCU\software\microsoft\windows\currentversion\internet
Opens key: HKCU\software\micros
settings\5.0\cache\extensible cache\domstore
                                                    HKCU\software\microsoft\windows\currentversion\internet
Opens key: HKCU\software\microssettings\5.0\cache\extensible cache\feedplat
                                                    HKCU\software\microsoft\windows\currentversion\internet
Opens key: HKCU\software\microssettings\5.0\cache\extensible cache\iecompat
                                                    HKCII\software\microsoft\windows\currentversion\internet
   Opens key:
                                                    HKCU\appevents\schemes\
                                                    HKCU\appevents\schemes\apps\.default\open\.current
HKCU\software\microsoft\windows\currentversion\internet
    Opens key:
   Opens key
settings\5.0\cache\extensible cache\ietld
Opens key: HKCU\software\micros
settings\5.0\cache\extensible cache\privacie:
                                                    HKCU\software\microsoft\windows\currentversion\internet
                                                    HKCU\appevents\schemes\apps\.default\open\.current\active
HKCU\software\microsoft\internet
   Opens key:
explorer\main\featurecontrol\retry_headeronlypost_onconnectionreset
Opens key: HKLM\software\microsoft\internet
explorer\main\featurecontrol\retry_headeronlypost_onconnectionreset
Opens key: HKCU\software\microsoft\internet explorer\main\featurecontrol\feature_bufferbreaking_818408
Opens key: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_bufferbreaking_818408
   Opens key:
                                                    HKCU\software\microsoft\internet
 explorer\main\featurecontrol\feature_skip_post_retry_on_internetwritefile_kb895954
                                                    HKLM\software\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature_skip_post_retry_on_internetwritefile_kb895954

Opens key: HKLM\software\policies\microsoft\windows\currentversion\internet
settings\5.0\cache
Opens key:
settings\5.0\cache
                                                     HKCU\software\policies\microsoft\windows\currentversion\internet
Opens key: HKCU\software\microsoft\internet explorer\main\featurecontrol\feature_fix_chunked_proxy_script_download_kb843289
   Opens key:
                                                    HKLM\software\microsoft\internet
explorer \verb|\main| featurecontrol| feature\_fix\_chunked\_proxy\_script\_download\_kb843289
   Opens key:
                                                    HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_use_cname_for_spn_kb911149
Opens key: HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature use cname for spn kb911149
                                                    HKCU\software\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature disable notify unverified spn kb2385266
Opens key: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_disable_notify_unverified_spn_kb2385266
   Opens kev:
                                                    HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_compat_use_connection_based_negotiate_auth_kb2151543
   Opens key:
                                                    HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_compat_use_connection_based_negotiate_auth_kb2151543

Opens key: HKCU\software\microsoft\internet
\label{lem:control} explorer\mbox{\sc main} feature control\mbox{\sc feature} = allow\_long\_international\_filenames \\ Opens\,key: HKLM\sc ftware\mbox{\sc microsoft}\mbox{\sc international} = filenames \\ HKLM\sc ftware\mbox{\sc microsoft}\mbox{\sc microsoft}\mbox{\sc
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\microsoft\internet explorer\main\featurecontrol\feature_permit_cache_for_authenticated_ftp_kb910274
   Opens key:
                                                    HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback
Openskey: HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback
Opens key: HKCU\software\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature disallow null in response headers
Opens key: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_disallow_null_in_response_headers
Opens key: HKCU\software\microsoft\internet explorer\main\featurecontrol\feature_digest_no_extras_in_uri
   Opens kev:
                                                    HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_digest_no_extras_in_uri
Opens key: HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_enable_passport_session_store_kb948608
Opens key: HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature exclude invalid client cert kb929477
                                                    HKLM\software\microsoft\internet
    Opens key:
explorer\main\featurecontrol\feature_exclude_invalid_client_cert kb929477
Opens key: HKCU\software\microsoft\internet explorer\main\featurecontrol\feature_use_utf8_for_basic_auth_kb967545
   Opens key:
                                                    HKLM\software\microsoft\internet
explorer\main\featurecontrol\feature_use_utf8_for_basic_auth_kb967545

Opens key: HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature_release_keys_on_unload_kb975619
Opens key: HKLM\software\microsoft\internet
opens key, International Vision Control of C
explorer\main\featurecontrol\feature security flag ignore revocation kb2275828
Opens key: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_security_flag_ignore_revocation_kb2275828
   Opens kev:
                                                    HKCU\software\microsoft\windows\currentversion\internet settings\wpad
                                                    {\tt HKCU \ } software \verb|\ microsoft \> \ internet
    Opens key:
explorer\main\featurecontrol\feature return failed connect content kb942615
    Opens key:
Opens key: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_return_failed_connect_content_kb942615
   Opens kev:
                                                    HKCU\software\microsoft\internet
 explorer\main\featurecontrol\feature_http_username_password_disable
                                                    HKLM\software\microsoft\internet
   Opens key:
explorer\main\featurecontrol\feature_http_username_password_disable
   Opens key:
HKL\dot{M} \rangle system \setminus current control set \ services \ tcpip6 \cap arameters \ interfaces \ \{f3229805-869e-479e-ba76-dd643f1d1b80\}
                                                    HKLM\software\microsoft\cryptography\oid
   Opens key:
    Opens key:
                                                     HKLM\software\microsoft\cryptography\oid\encodingtype 0
                                                    HKLM\software\microsoft\cryptography\oid\encodingtype
   Opens key:
0\certdllopenstoreprov
    Opens key:
                                                    HKLM\software\microsoft\cryptography\oid\encodingtype
0\certdllopenstoreprov\#16
   Opens key:
                                                    HKLM\software\microsoft\cryptography\oid\encodingtype
0\certdllopenstoreprov\ldap
   Opens key:
Opens key:
                                                    {\tt HKLM \coftware \microsoft \cryptography \cid\encoding type}
                                                    HKLM\software\microsoft\cryptography\oid\encodingtype
1\certdllopenstoreprov
    Opens key:
                                                    HKCU\software\microsoft\systemcertificates\my\physicalstores
```

```
HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-21-
     Opens kev:
2160590473-689474908-1361669368-1002
                                                                                 HKCU\software\microsoft\systemcertificates\my
     Opens key:
                                                                                 \label{thm:local-prop} HKCU \ software \ microsoft \ system certificates \ my \ HKCU \ software \ microsoft \ system certificates \ my \ certificates
     Opens kev:
      Opens key:
     Opens kev:
                                                                                 HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces
      Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{f3229805-869e-479e-ba76-
dd643f1d1h803
     Opens key:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{72dd97a9-e544-4915-88d8-
44e829c34f68}
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Opens key: 
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{0aab3bce-41ed-11e5-bf5b-
080027dfc114}
      Opens key:
                                                                                  \label{thm:local_hammon_hammon} \mbox{HKCU\software\mbox{\sc microsoft\system} certificates\mbox{\sc my\crls}} \\
     Opens key:
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c19ce8a73253}
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\label{thm:hklm} HKLM\system\currentcontrolset\services\tcpip\parameters\tinterfaces\{0aab3bce-41ed-11e5-bf5b-080027dfc114\}}
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| Company | Comp
 806e6f6e6963}
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1709a0196aed3
      Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{7b9cb019-1924-49a5-867c-
a68f334c8d34}
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Opens key: 
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HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{e29ac700-7037-11de-816d-
001c23e25b76}
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Opens key:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{db2b4279-b5cf-4626-9dba-
32d0ece44c87}
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32d0ece44c87}
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453e58dd3a33}
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66c97c19a921}
      Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{dcb14c61-690d-46f7-8a89-
 150432fa5c44}
\label{thm:hklm} HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{483c9ff8-503d-414b-b402-e4c1f1f568cb}
    Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{483c9ff8-503d-414b-b402-
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833f294c5aa8}
Opens key:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{c0de3e38-8ba7-479f-8b75-
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 ${\tt HKLM} \verb|\system| current controlset| control \verb|\cryptography| providers | control \verb|\cryptography| control con$

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   Opens key
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Opens key:

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                                                              HKLM\system\currentcontrolset\control\network
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     Opens key:
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Opens key: HKLM\software\microsoft\windows nt\currentversion\profilelist
    Opens key:
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1002\software\microsoft\windows\currentversion\explorer\user shell folders
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panel\international
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nt\currentversion\networklist\profiles\{7bf7ed91-f442-458a-abea-c661d1bd5efb}
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00805fc1270e}\inprocserver32
                                                             HKCU\software\classes\clsid\{7007acc7-3202-11d1-aad2-
   Opens key:
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HKLM \ software \ microsoft \ windows \ current version \ shell compatibility \ objects \ \{7007acc7-3202-11d1-1244\} \ and \ 
 aad2-00805fc1270e}
                                                             HKCU\software\classes\clsid\{21ec2020-3aea-1069-a2dd-08002b30309d}
    Opens key:
     Opens key:
                                                             HKCR\clsid\{21ec2020-3aea-1069-a2dd-08002b30309d}
     Opens key:
a2dd-08002b30309d}
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HKCU\software\microsoft\windows\currentversion\explorer\desktop\namespace\{21ec2020-3aea-1069-
a2dd-08002b30309d}
   Opens kev:
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11d1-aad2-00805fc1270e}
    Opens key:
                                                             \label{thm:loss} $$HKCU\software\classes\clsid{2227a280-3aea-1069-a2de-08002b30309d}$$HKCR\clsid{2227a280-3aea-1069-a2de-08002b30309d}$$
     Opens key:
    Opens key
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3aea-1069-a2de-08002b30309d}
    Opens kev:
\label{thm:local-control} HKCU\software\arcsoft\windows\currentversion\explorer\sessioninfo\label{thm:local-control} Opens\ key: HKLM\system\currentcontrolset\control\arcsoft\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer\sexplorer
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                                                             \label{thm:local-hkcu} HKCU\software\classes\local settings\muicache\27\52c64b7e \\ HKCU\software\muicrosoft\windows\currentversion\explorer\clid\{7007acc7-bc}.
     Opens key:
3202-11d1-aad2-00805fc1270e}
Opens key: HKCU\system\currentcontrolset\control\network\showwirelessconnectingonstart
    Opens key:
                                                             HKLM\system\currentcontrolset\control\wmi\autologger\readyboot
HKLM\system\currentcontrolset\control\deviceclasses\{7f108a28-9833-4b3b-
     Opens key:
b780-2c6b5fa5c062}
                                                             HKLM \setminus system \setminus current control \setminus device classes \setminus \{53f5630d-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6bf-11d0-b6b
Opens key:
94f2-00a0c91efb8b}
HKLM\svstem\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
                                                             HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
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94f2-00a0c91efb8b}\##?#ide#cdromhl-dt-st dvd-rom gdr-
                                                      t10n
      Opens key:
 Opens key:
                                                                             HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
 94f2-00a0c91efb8b}\##?#ide#cdromvbox_cd-
                                                                                                rom_____
00a0c91efb8b}
 Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\##?#ide#cdromvbox_cd-
                                                                                                                       ___#5&106af171&0&1.0.0#{53f5630d-b6bf-11d0-94f2-
  rom
                                                                                                1.0
 00a0c91efh8h}\#
HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
 Opens key: HKLM\system\cur
94f2-00a0c91efb8b}\##?#ide#cdromvbox_cd-
                                                                           HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
                                                                                                                         #5&394c0ad3&0&0.1.0#{53f5630d-b6bf-11d0-94f2-
                                                                                               __1.0___
 00a0c91efb8b}
                                                                             HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
     Opens kev:
00a0c91efh8h}\#
Opens key: HKLM\system\cur
94f2-00a0c91efb8b}\##?#ide#cdromvbox_cd-
                                                                          HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
                                                                                                                            _#5&394c0ad3&0&0.1.0#{53f5630d-b6bf-11d0-94f2-
                                                                                             1.0_
 00a0c91efb8b}\#\control
     Opens key:
Opens key:
                                                                          HKLM\system\currentcontrolset\services\dnscache\parameters\dnscache
                                                                             HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
 94f2-00a0c91efb8b}\##?#storage#volume#{69d250e0-6c18-11e3-b3bc-
 806e6f6e6963}#000000001000000#{5375630d-b6bf-11d0-94f2-00a0c91efb8b}

Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
Opens key: HKLM\system\currentcontrolset\control\deviceci.
94f2-00a0c91efb8b}\##7#storage#volume#(69d250e0-6c18-11e3-b3bc-
806e6f6e6963}#0000000001000000#(53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\\##?#storage#volume#{69d250e0-6c18-11e3-b3bc-806e6f6e6963}#00000000100000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\\#\control
Opens key: HKLM\system\currentcontrol\set\control\deviceclasses\\53f5630d-b6bf-11d0-94f2-00a0c91efb8b\\##?#storage#volume#\{69d250e0-6c18-11e3-b3bc-806e6f6e6963\}#000000006500000#\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b\}
Opens key: HKLM\system\currentcontrolset\control\
94f2-00a0c91efb8b}\##?#storage#volume#{69d250e0-6c18-11e3-b3bc-
                                                                             HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
 806e6f6e6963}#0000000000006500000#{5375630d-b6bf-11d0-94f2-00a0c91efb8b}\#
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{5: 94f2-00a0c91efb8b}\#?#storage#volume#{69d250e0-6c18-11e3-b3bc-806e6f6e6963}#0000000006500000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control
Opens key: HKLM\system\currentcontrolset\control\device 94f2-00a0c91efb8b}\##?#storage#volume#{74a4ebdb-f4e7-11df-aef6-806e6f6e6963}#000000000007e00#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}
                                                                          HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
 Opens \ key: \\ HKLM\system\currentcontrolset\control\deviceclasses\ \{53f5630d-b6bf-11d0-94f2-00a0c91efb8b\}\ \ \#?\#storage\#volume\#\{74a4ebdb-f4e7-11df-aef6-defable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable-fable
 806e6f6e6963\#000000000000000007e00#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
 Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#;?#storage#volume#{74a4ebdb-f4e7-11df-aef6-
 806e6f6e6963}#0000000000000007e00#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control
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94f2-00a0c91efb8b}\##?#storage#volume#{74a4ebdb-f4e7-11df-aef6-
                                                                             HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
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Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
94f2-00a0c91efb8b}\##?#storage#volume#f74a4ebdb-f4e7-11df-aef6-
806e6f6e6963}#00000075343e000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
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 806e6f6e6963\#0000001e628b7200#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}
 Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#;?#storage#volume#{74a4ebdb-f4e7-11df-aef6-
 806e6f6e6963\}\#000001e628b7200\#\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b\} \\ Which is the control of the control of
Opens~key: \\ HKLM\system\currentcontrolset\control\set^2-00a0c91efb8b\\ \#?\#storage\#volume\#\{74a4ebdb-f4e7-11df-aef6-f4e7-11df-aef6-f4e7-f4e7-f4e8db-f4e7-f4e7-f4e8db-f4e7-f4e7-f4e8db-f4e7-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7-f4e8db-f4e7db-f4e8db-f4e7db-f4e8db-f4e7db-f4e8db-f4e7db-f4e8db-f4e7db-f4e8db-f4e7db-f4e8db-f4e7db-f4e8db-f4e7db-f4
 806e6f6e6963}#0000001e628b7200#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
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806e6f6e6963}#00000020d3a1e800#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}
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94f2-00a0c91efb8b\\\ ##?#storage#volume#\\ 7444ebdb-74e7-11df-aef6-
806e6f6e6963\\\ #0000020f3026800\\\\ 53f5630d-b6bf-11d0-94f2-00a0c91efb8b\\\
Opens key: HKLM\system\currentcontrol\set\control\deviceclasses\\\\ 53f5630d-b6bf-11d0-
Opens key: HKLM\system\currentcontrolset\control\devicecl. 94f2-00a0c91efb8b}\##?#storage#volume#{74a4ebdb-f4e7-11df-aef6-806e6f6e6963}#0000020f3026800#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\##
                                                                            HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
      Opens kev:
 Opens key: MrLmNsystemicurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrentcurrent
Opens key: HKLMNsystem\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#*?#storage#volume#{74a4ebdb-f4e7-11df-aef6-806ef6e6963}#000000211262e800#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#*?#storage#volume#{74a4ebdb-f4e7-11df-aef6-806ef6e6963}#000000211262e800#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#Cystem\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#*?#storage#volume#{74a4ebdb-f4e7-11df-aef6-806ef6-8063}#00000013120a000412565604
 806e6f6e6963\#000000211262e800#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
94f2-00a0c91efb8b}\##?#storage#volume#{74a4ebdb-f4e7-11df-aef6-
```

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806e6f6e6963\#0000002131c36800#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#;?#storage#volume#{74a4ebdb-f4e7-11df-aef6-
806e6f6e6963}#0000002131c36800#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\\53f5630d-b6bf-11d0-94f2-00a0c91efb8b\\##?#storage#volume#\\9f129fb0-41e7-11e5-935f-
806e6f6e6963}#0000000000000#{5375630d-b6bf-11d0-94f2-00a0c91efb8b}

Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
Opens key: HKLM\system\currentcontrolset\control\devicecl. 94f2-00a0c91efb8b}\##?#storage#volume#{9f129fb0-41e7-11e5-935f-806e6f6e6963}#000000000100000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
                                                   HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
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806e6f6e6963}#000000000100000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control
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94f2-00a0c91efb8b\\\##?#storage#volume#\{9f129fb0-41e7-11e5-935f-
806e6f6e6963\\\#0000000006500000#\\\53f5630d-b6bf-11d0-94f2-00a0c91efb8b\\\}
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806e6f6e6963}#000000006500000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
Opens key: HKLM/system\currentcontrolset\control\.
94f2-00a0c91efb8b\\##?#storage#volume#{9f129fb0-41e7-11e5-935f-
806e6f6e6963}#000000000006500000#{5375630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control
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Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\\##?#storage#volume#{e29ac6c3-7037-11de-816d-806e6f6e6963}#000000000007e00#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\##?#storage#volume#{e29ac6c3-7037-11de-816d-806e6f6e6963}#0000000000000000000000000000000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control
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806e6f6e6963}#000000075343e000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}

Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
Opens key: HKLM/system\currentcontrolset\control\.
94f2-00a0c91efb8b\\##?#storage#volume#{e29ac6c3-7037-11de-816d-
806e6f6e6963}#00000075343e000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
94f2-00a0c91efb8b}\##?#storage#volume#{e29ac6c3-7037-11de-816d-
806e6f6e6963}#00000075343e000#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\##?#storage#volume#{e29ac6c3-7037-11de-816d-806e6f6e6963}#0000001e628b7200#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#
Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\##?#storage#volume#{e29ac6c3-7037-11de-816d-
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Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-
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Opens key: HKLM\system\currentcontrol\set\control\deviceclasses\\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b\\##?#storage#volume#\{e29ac6c3-7037-11de-816d-806e6f6e6963\}#0000020d3a1e800#\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b\\\#\control
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Opens key: HKLM\system\currentcontrolset\control\deviceclasses\\\ 53f5630d-b6bf-11d0-94f2-00a0c91efb8b\\\##?\#storage\#volumesnapshot\#harddiskvolumesnapshot1\#\\\\53f5630d-b6bf-11d0-94f2-
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    Opens kev:
94f2-00a0c91efb8b\} \verb||##|?#storage#volumesnapshot|| 4f3f5630d-b6bf-11d0-94f2-00a0c91efb8b| \verb|||#|| 4f3f5630d-b6bf-11d0-94f2-00a0c91efb8b| 4f3f5656a0c-b6bf-11d0-94f2-00a0c91efb8b| 4f3f566a0c-b6bf-11d0-94f2-00a0c91efb8b| 4f3f66a0c-b6bf-11d0-94f2-00a0c91efb8b| 4f3f66a0c-b6bf-11d0-94f2-00a0c91efb8b| 4f3f66a0c-b6bf-11d0-94f2-00a0c91efb8b| 4f3f66a0c-b6bf-11d0-94f2-00a0c91efb8b| 4f3f66a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0-94f6a0c-b6bf-11d0
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Opens key: HKLM\system\currentcontrolset\control\deviceclasses\\\ 53f5630d-b6bf-11d0-94f2-00a0c91efb8b\\##?#storage#volumesnapshot#harddiskvolumesnapshot2#\\\\ 53f5630d-b6bf-11d0-94f2-
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94f2-00a0c91efb8b}\##?#storage#volumesnapshot#harddiskvolumesnapshot2#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\# HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-Opens key: 94f2-00a0c91efb8b}\##?#storage#volumesnapshot#harddiskvolumesnapshot2#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\#\control Opens kev: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-00a0c91efb8b} Onens key HKLM\svstem\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\##?#storage#volumesnapshot#harddiskvolumesnapshot3#{53f5630d-b6bf-11d0-94f2-00a0c91efb8b}\# Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-110 94f2-00a0c91efb8b}\##?#storage#volumesnapshot#harddiskvolumesnapshot3#{53f5630d-b6bf-11d0-94f2-HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d0-00a0c91efb8b}\#\control Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f5630d-b6bf-11d 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HKLM\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-Opens key: Opens key: 94f2-00a0c91efb8b} Opens key: 94f2-00a0c91efb8b}\##? HKLM\svstem\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-#ide#diskhitachi_ 94f2-00a0c91efb8b} _3.5.1.9_#5&394c0ad3&0&0.0.0#{53f56307-b6bf-11d0-Opens key: 94f2-00a0c91efb8b}\##? HKLM\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-3.5.1.9 #5&394c0ad3&0&0.0.0#{53f56307-b6bf-11d0-#ide#diskhitachi 94f2-00a0c91efb8b}\# HKLM\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-Opens key: 94f2-00a0c91efb8b}\##? #ide#diskhitachi_ 3.5.1.9 #5&394c0ad3&0&0.0.0#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}\#\control Opens key: 94f2-00a0c91efb8b}\##? HKLM\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-#ide#diskvbox harddisk _#5&394c0ad3&0&0.0.0#{53f56307-b6bf-11d0-94f2-00a0c91efb8b} HKLM\svstem\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-Opens kev: 94f2-00a0c91efb8b}\##? 1.0 #5&394c0ad3&0&0.0.0#{53f56307-b6bf-11d0-#ide#diskvbox harddisk 94f2-00a0c91efb8b}\# Opens key: 94f2-00a0c91efb8b}\##? #ide#diskvbox_harddisk __#5&394c0ad3&0&0.0.0#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}\#\control Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-94f2-00a0c91efb8b}\##?#scsi#disk&ven_dell&prod_virtual_disk#6&17b13437&0&00000#{53f56307-b6bf-11d0-94f2-00a0c91efb8b} Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d 94f2-00a0c91efb8b}\##?#scsi#disk&ven_dell&prod_virtual_disk#6&17b13437&0&000000#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}\# HKLM\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-Opens key: 94f2-00a0c91efb8b}\##?#scsi#disk&ven_dell&prod_virtual_disk#6&17b13437&0&000000#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}\#\control

Opens key: HKLM\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11c94f2-00a0c91efb8b}\##?#scsi#disk&ven_dell&prod_virtual_disk#6&3af2ddc5&0&00000#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}\#

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HKI M\system\currentcontrolset\control\deviceclasses\{53f56307-b6bf-11d0-

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11d0-94f2-00a0c91efb8b}\#\control
                                       94f2-00a0c91efb8b}\properties
   Opens key:
HKLM\svstem\currentcontrolset\enum\ide\diskhitachi
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parameters
Opens key:
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   Opens key
                                       \label{thm:local} HKLM \system \current controls et \control \security providers
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Opens key: HKCU\software\microsoft\windows\currentversion\internet
Opens key: HKCU settings\5.0\lowcache\history
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                                             HKIM\software\microsoft\internet
explorer\main\featurecontrol\feature_browser_emulation[explorer.exe]
  Oueries value:
                                             HKLM\software\microsoft\internet
                                    recontrol\feature_browser_emulation[*]
HKLM\software\microsoft\sqmclient\windows[ceipenable]
explorer\main\fea
   Queries value:
   Oueries value:
                                             HKLM\system\currentcontrolset\services\winsock\parameters[transports]
   Queries value
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[mapping]
   Queries value:
HKLM\system\currentcontrolset\services\psched\parameters\winsock[mapping]
                                            HKLM\system\currentcontrolset\services\winsock\setup
med[winsock 2.0 provider id]
   Oueries value:
migration\provider
   Oueries value:
                                             HKLM\svstem\currentcontrolset\services\tcpip\parameters\winsock[mapping]
   Queries value:
                                             HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\tcpip[winsock 2.0 provider id]
Queries value: 
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[minsockaddrlength]
   Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} $$HKLM \end{tabular} $$ \end{tabular} $$ and $\end{tabular} $$ an
   Queries value:
\label{localization} HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[usedelayedacceptance] Queries\value:
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[helperdllname]
Queries value:
a3fe-553973d0b723]
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Queries value:
b924-d51178a59ce4]
                                             Oueries value:
                                             HKCU\software\microsoft\windows\currentversion\internet
settings[fromcachetimeout]
                                             HKLM\software\policies\microsoft\windows\currentversion\internet
  Oueries value:
settings[secureprotocols]
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  Queries value:
settings[secureprotocols]
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settings[secureprotocols]
   Queries value:
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settings[certificaterevocation]
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settings[disablekeepalive]
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settings[disablepassport]
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settings[idnenabled]
Queries value:
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settings[cachemode]
   Queries value
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settings[enablehttp1_1]
  Oueries value
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settings[proxyhttp1.1]
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  Queries value:
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   Queries value:
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settings[clientauthbuiltinui]
  Oueries value:
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settings[syncmode5]
                                             HKLM\software\microsoft\windows\currentversion\internet
  Oueries value
settings\5.0\cache[sess
                                           ionstarttimedefaultdeltasecs]

HKCU\software\microsoft\windows\currentversion\internet
  Oueries value
settings\5.0\cache[signature]
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   Queries value
settings\5.0\cache\content[peruseritem]
Queries value: HKLM\software\
                                             HKLM\software\microsoft\windows\currentversion\internet
settings\5.0\cache\content[peruseritem]
Queries value:
folders[cache]
                                             HKCU\software\microsoft\windows\currentversion\explorer\user shell
  Oueries value
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settings\5.0\cache\con
                                            ent[cacheprefix]
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  Oueries value
settings\5.0\cache\content[cachelimit]
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                                             HKLM\software\microsoft\windows\currentversion\internet
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   Queries value
                                             HKCU\software\microsoft\windows\currentversion\explorer\user shell
folders[cookies]
  Oueries value
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                                             HKCU\software\microsoft\windows\currentversion\internet
  Oueries value
settings\5.0\cach
                                       okies[cachelimit]
                                             HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings\5.0\cache\history[peruseritem]
Queries value: HKLM\software\microsoft\windows\currentversion\internet
settings\5.0\cache\history[peruseritem]
   Queries value
                                             HKCU\software\microsoft\windows\currentversion\explorer\user shell
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folders[history]
  Queries value
                            HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache\history[cacheprefix]
 Oueries value
                            HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\ca
                            y[cachelimit]
 Oueries value
                             HKLM\software\microsoft\windows nt\currentversion\compatibilitv32[lsass]
Queries value: HKCU\software\microsoft\windows\currentversion\internet settings\5.0\cache\extensible cache\domstore[cacherepair]
 Oueries value
                            HKCII\software\microsoft\windows\currentversion\internet
settings\5.0\cac
                           sible cache\domstore[cachepath]
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                            HKLM\software\microsoft\windows
                         atibility32[spyee_inj_ector_]

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 Queries value
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                        xtensible cache\domstore[cacheprefix]
HKCU\software\microsoft\windows\currentversion\internet
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                        tensible cache\domstore[cachelimit]
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 Oueries value
                            HKCII\software\microsoft\windows\currentversion\internet
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 Oueries value
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                         ensible cache\feedplat[cachepath]
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                        tensible cache\feedplat[cacheprefix]
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nsible cache\iecompat[cacherepair]
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settings\5.0\cache\extensible cache\iecompat[cachelimit]
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                        tensible cache\ietld[cacherepair]
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settings\5.0\cach
Queries value:
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                        ktensible cache\ietld[cacheprefix]
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 Queries value:
                      HKCU\software\microsoft\windows\currentversion\internet
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settings\5.0\cach
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settings\5.0\cache
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    HKCU\appevents\schemes\apps\.default\open\.current[default flags]
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HKCU\software\microsoft\windows\currentversion\internet
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 Queries value:
                        ebufferlength]
HKCU\software\microsoft\windows\currentversion\internet
settings[socket
 Queries value:
settings[keepalivetimeout]
Queries value:
                             {\tt HKCU \ software \ microsoft \ windows \ current version \ internet}
settings[maxhttpredirects]
 Oueries value:
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settings[maxconne
                         nsperserver]
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                            HKLM\software\microsoft\windows\currentversion\internet
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settings[receivetimeout]
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settings[disablentlmpreauth]
                            HKCU\software\microsoft\windows\currentversion\internet
```

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Oueries value
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settings\5.0\cac
                                       engecachefilelifetime]
  Oueries value:
                                        HKCU\software\policies\microsoft\windows\currentversion\internet
                               scavengecachefilelimit]

HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\cache[
  Queries value:
settings\5.0\cache[scavengecachefilelimit]
Queries value: HKLM\software\microsoft\windows\currentversion\internet
settings\5.0\cachel
                                scavengecachefilelimit1
  Queries value
                                        HKCU\software\microsoft\windows\currentversion\internet
settings[httpdefaultexpirytimesecs]
  Oueries value
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settings[ftpdefaultexpirytimesecs]
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explorer\main\fe
                                     ontrol\feature_disable_unicode_handle_closing_callback[explorer.exe]
HKLM\software\microsoft\internet
  Queries value:
explorer\main\fea
Queries value:
                                  econtrol\feature_disable_unicode_handle_closing_callback[*]
HKCU\software\microsoft\windows\currentversion\internet
settings[disablecachingofsslpages]
  Queries value:
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settings[perusercookies]
Queries value: HKCI settings[leashlegacycookies]
                                        HKCU\software\microsoft\windows\currentversion\internet
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                                        HKCU\software\microsoft\windows\currentversion\internet
settings[dialupuselansettings]
                                        HKLM\software\microsoft\windows\currentversion\internet
  Queries value:
settings[dialupuselansettings]

Queries value: HKCU\software\microsoft\windows\currentversion\internet
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   Queries value:
                                        \label{thm:local_equation} \mbox{HKCU\software\mbox{\sc windows\currentversion\internet}} \\
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settings[headerexclusionlistforcache]
  Oueries value:
                                        HKCU\software\microsoft\windows\currentversion\internet
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  Queries value:
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settings[alwaysdrainonredirect]
  Oueries value
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                                        HKCU\software\microsoft\windows\currentversion\internet
  Queries value
settings\wpad[wpadoverride]
Queries value: HK
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settings[enableautodial]
Queries value:
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  Oueries value:
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settings[badproxy
                               kpirestime]
                                        HKLM\software\microsoft\windows\currentversion\internet
  Oueries value
                                 chcache1
settings[disableb
                                        HKLM\software\microsoft\internet
  Queries value
 \begin{array}{lll} \verb|explorer| & \verb|expl
explorer\main\featurecontrol\feature_http_username_password_disable[*]
  Queries value:
Queries value:
                                        HKLM\system\currentcontrolset\services\crypt32[diaglevel]
HKLM\system\currentcontrolset\services\crypt32[diagmatchanymask]
   Oueries value
                                        HKLM\software\microsoft\windows nt\currentversion\profilelist\s-1-5-21-
2160590473-689474908-1361669368-1002[profileimagepath]
  Oueries value:
HKLMNsystem \current control set \services \tcpip6 \parameters \ interfaces \ \{128919e8-8a5e-41d1-ac17-c19c8a73253\} \ [search list]
  Oueries value
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[enabledhcp]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
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  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[registeradaptername]
  Queries value:
\label{local-parameters} HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253\}[domain]}
   Oueries value
```

HKCU\software\microsoft\windows\currentversion\internet

settings[scavengecachelowerbound]

ovalidate]

Queries value

settings[certcacl

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c19ce8a73253}[dhcpdomain]
  Queries value
c19ce8a73253}[dhcpv6domain]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[nameserver]
  Queries value:
\label{local-parameters} HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253\}[nameserver]
  Oueries value
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[dhcpnameserver]
  Oueries value
                                   HKCII\annevents\schemes\anns\ default\close\ current[]
                                   HKCU\appevents\schemes\apps\.default\close\.current[default flags]
  Oueries value:
                                   HKLM\software\microsoft\windows
nt\currentversion\appcompatflags\compatibility assistant[logignoremonitorreason]
  Queries value:
\label{local-bound} HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\eq29ac6c2-7037-11de-816d-806e6f6e6963\cite{20} [enabledhcp]
  Oueries value:
HKLMNsystem \current control set \services \tcpip \parameters \ interfaces \eqref{e29ac6c2-7037-11de-816d-806e6f6e6963} \[registration enabled]
  Oueries value
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-
806e6f6e6963}[registeradaptername]
  Queries value
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-
806e6f6e6963}[domain]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-
806e6f6e6963}[dhcpdomain]
  Queries value:
\label{local-bound} HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\eq29ac6c2-7037-11de-816d-806e6f6e6963\creak[nameserver]
  Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-806e6f6e6963}[dhcpnameserver]
  Queries value:
Queries value:
                                   HKLM\system\currentcontrolset\services\tcpip\linkage[bind]
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Queries value: HKLM\system\currentcontrolset\enum\root\ms_agilevpnminiport\0000[driver]

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settings \\ \mbox{muicache} \mbox{27\S2c64b7e} \\ \mbox{Queries value:} \\ \mbox{HKLM\software\mbox{microsoft\windows}} \\
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   Queries value:
                                               HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[rpcid]
HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[version]
   Oueries value:
   Queries value:
                                               HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[type]
  Queries value:
HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[tokensize]
   Queries value:
                                               HKLM\software\microsoft\tracing[enableconsoletracing]
                                               HKLM\software\microsoft\tracing\explorer_rasapi32[enablefiletracing]
HKLM\software\microsoft\tracing\explorer_rasapi32[filetracingmask]
HKLM\software\microsoft\tracing\explorer_rasapi32[enableconsoletracing]
   Oueries value:
   Queries value:
  Queries value:
                                               HKLM\software\microsoft\tracing\explorer_rasapi32[consoletracingmask]
HKLM\software\microsoft\tracing\explorer_rasapi32[maxfilesize]
  Oueries value
   Queries value:
                                               HKLM \setminus software \setminus microsoft \setminus tracing \setminus explorer\_rasapi32[filedirectory] \\ HKLM \setminus software \setminus microsoft \setminus tracing \setminus explorer\_rasmancs[enable filetracing] \\ HKLM \setminus software \setminus microsoft \setminus tracing \setminus explorer\_rasmancs[filetracing mask]
   Oueries value:
   Queries value:
  Queries value:
                                               \label{thm:hklm:software:microsoft} HKLM \software: $$ HKLM \software: $$ in software: $$ explorer_rasmancs [consoletracing] $$ HKLM \software: $$ in software: $$ explorer_rasmancs [consoletracing] $$ explorer_rasmancs [consoletracing] $$ in software: $$ explorer_rasmancs [consoletracing] $$ exp
   Oueries value
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                                               \label{thm:loss} HKLM\software\\ \mbox{$\tt MKLM}\software\\ \mbox{$\tt MKLM}\software\\ \mbox{$\tt MKCU}\software\\ \mbox{$\tt MKC
   Oueries value:
   Queries value:
  Queries value:
folders[appdata]
  Queries value:
                                               HKLM\software\policies\microsoft\windows\currentversion\internet
settings[proxysettingsperuser]
   Queries value
                                               HKCU\software\microsoft\windows\currentversion\internet
settings[migrateproxy]
                                               HKCU\software\microsoft\windows\currentversion\internet
settings[proxyenable]
  Oueries value
                                               HKCU\software\microsoft\windows\currentversion\internet
settings[proxyserver]
                                               HKCU\software\microsoft\windows\currentversion\internet
  Queries value:
settings[proxyoverride]
Queries value:
                                                HKCR\clsid\{d5978620-5b9f-11d1-8dd2-00aa004abd5e}[]
  Oueries value:
                                               HKCR\clsid\{d5978620-5b9f-11d1-8dd2-
00aa004abd5e}\inprocse
                                               er32[inprocserver32]
HKCR\clsid\{d5978620-5b9f-11d1-8dd2-00aa004abd5e}\inprocserver32[]
  Queries value:
   Oueries value:
                                               HKCU\software\microsoft\windows\currentversion\interne
settings[autoconfigurl]
  Oueries value:
                                               HKCU\software\microsoft\windows\currentversion\internet
                                              redlegacysettings]

HKCU\software\microsoft\windows\currentversion\internet
settings\connections[sa
  Queries value:
settings\connections[defaultconnectionsettings]

Queries value: HKCU\software\microsoft\windows\currentversion\internet
settings[autoconfigcustomua]
Queries value: HKCI
                                               HKCR\autoproxytypes\application/x-internet-signup[dllfile]
HKCR\clsid\{d5978620-5b9f-11d1-8dd2-
  Oueries value
                                            rver32[threadingmodel]
HKCR\autoproxytypes\application/x-internet-signup[fileextensions]
00aa004abd5e}\inprocser
  Queries value:
                                               HKCR\autoproxytypes\application/x-internet-signup[default]
HKCR\autoproxytypes\application/x-internet-signup[flags]
HKLM\software\microsoft\eventsystem\{26c409cc-ae86-11d1-b616-
   Oueries value:
   Queries value
  Oueries value:
\label{thm:hkcr-autoproxytypes-application/x-ns-proxy-autoconfig[dllfile]} HKCR-autoproxytypes-application/x-ns-proxy-autoconfig[fileextensions]
  Oueries value:
   Queries value
  Oueries value:
                                               HKCR\autoproxytypes\application/x-ns-proxy-autoconfig[default]
                                               HKCR\autoproxytypes\application/x-ns-proxy-autoconfig[flags]
HKLM\software\microsoft\eventsystem\{26c409cc-ae86-11d1-b616
   Queries value:
  Queries value
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Oueries value:
                                                HKLM\software\microsoft\eventsvstem\{26c409cc-ae86-11d1-b616-
Queries value: HKLM/software/microsoft/veventsystem/\(\frac{26409cc-ae86-11d1-b616-00805fc79216\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cdot\)\(\cd
00805fc79216\\eventclasses\\d5978620-5h9f-11d1-8dd2-00aa004ahd5e\\-400000000-0000-0000-0000-0000-
Oueries value:
                                              HKLM\software\microsoft\eventsystem\{26c409cc-ae86-11d1-b616
00805fc79216}\eventclasses\{d5978620-5b9f-11d1-8dd2-00aa004abd5e}-{00000000-0000-0000-0000
HKCR\interface\{d597bab1-5b9f-11d1-8dd2-00aa004abd5e}\typelib[]
HKCR\interface\{d597bab1-5b9f-11d1-8dd2-00aa004abd5e}\typelib[version]
   Oueries value:
   Queries value:
   Oueries value:
                                                HKCR\typelib\{d597deed-5b9f-11d1-8dd2-00aa004abd5e}\2.0\0\win32[]
                                                 HKCR\interface\{d597bab1-5b9f-11d1-8dd2-
    Queries value
00aa004abd5e}[interfacehelperdisabletypelib]
Queries value: HKCR\interface\{d597bab1-5b9f-11d1-8dd2-00aa004abd5e}[interfacehelperdisableall]
                                                HKCR\interface\{d597bab1-5b9f-11d1-8dd2-
  Oueries value
00aa004abd5e}[interfacehelperuser]
                                                HKCR\typelib\{00020430-0000-0000-c000-000000000046}\2.0\0\win32[]
   Oueries value:
Queries value: HKLM\software\microsoft\internet explorer\main\featurecontrol\feature_mime_handling[explorer.exe]
   Oueries value:
                                                HKLM\sam\sam\domains\account\users\000003ea[v]
    Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[winsock registry version]
  Queries value:
Queries value:
                                                HKLM\system\currentcontrolset\services\winsock2\parameters[autodialdll]
HKLM\system\currentcontrolset\services\dnscache\parameters[quervadaptername]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disableadapterdomainname]
   Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [used omain name devolution]
   Oueries value
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} which is a parameter of the local parameters and 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 and the local parameters are the local parameters and the local parameters are the local parameters are
   Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[domainnamedevolutionlevel]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[prioritizerecorddata]
HKLM\system\currentcontrolset\services\tcpip\parameters[prioritizerecorddata]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[allowunqualifiedquery]
   Oueries value
HKLM\system\currentcontrolset\services\tcpip\parameters[allowunqualifiedquery]
   Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[appendtomultilabelname]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[screenbadtlds]
Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[screenunreachableservers]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[screendefaultservers]
   Oueries value
HKLM\system\currentcontrolset\services\dnscache\parameters[dynamicserverqueryorder]
   Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[filterclusterip]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[waitfornameerroronall]
Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[useedns]
   Oueries value:
Queries value:
Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[directaccessguervorder]
   Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[quervipmatching]
   Queries value:
                                                HKLM\system\currentcontrolset\services\dnscache\parameters[usehostsfile]
   Queries value
HKLM\system\currentcontrolset\services\dnscache\parameters[addrconfigcontrol]
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationenabled]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disabledynamicupdate]
   Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registerprimaryname]
   Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registeradaptername]
   Queries value:
\label{lem:hamma} HKLM\system\correct controlset\services\tcpip\parameters[enableadapter domain name registration] Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registerreverselookup]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disablereverseaddressregistrations]
   Oueries value
HKLM\system\currentcontrolset\services\dnscache\parameters[registerwanadapters]
  Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disablewandynamicupdate]
   Queries value:
\label{local-hklm} HKL $\tt MKLM \colon \col
HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationttl]
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HKLM\system\currentcontrolset\services\dnscache\parameters[registrationrefreshinterval]
      Oueries value
\label{thm:local} \begin{tabular}{ll} HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationrefreshinterval] \end{tabular}
     Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationmaxaddresscount]
     Oueries value:
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} which is a parameter of the local parameters of the l
     Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatesecuritylevel]
HKLM\svstem\currentcontrolset\services\tcpip\parameters[updatesecuritvlevel]
      Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatetopleveldomainzones]
     Oueries value
 HKLM\system\currentcontrolset\services\dnscache\parameters[downcasespncauseapiowneristoolazy]
    Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationoverwrite]
     Queries value:
                                                                            HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachesize]
      Oueries value:
                                                                            HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachettl]
      Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[maxnegativecachettl]
      Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[adaptertimeoutlimit]
     Oueries value
HKLM\system\currentcontrolset\services\dnscache\parameters[serverprioritytimelimit]
    Oueries value:
{\tt HKLM \ } {\tt System \ } {\tt current controlset \ } {\tt services \ } {\tt dnscache \ } {\tt parameters \ } {\tt [max cached some \ ]} {\tt max} {\tt cached some \ } 
     Queries value:
\label{lem:hklmsystem} HKL $\tt MSystem \cap current control set \endows a che \parameters [enable multicast] $$ Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[multicastresponderflags]
      Queries value
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsenderflags]
      Oueries value:
 HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsendermaxtimeout]
    Oueries value:
                                                                            HKLM\system\currentcontrolset\services\dnscache\parameters[dnstest]
       Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usecompartments]
     Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[cacheallcompartments]
    Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usenewregistration]
     Oueries value:
HKLMIsystem \current control set \services \dns cache \parameters [resolver registration] \\ Queries \value:
HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistrationonly]
      Queries value
HKLM\svstem\currentcontrolset\services\dnscache\parameters[dnsquervtimeouts]
      Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquerytimeouts]
     Oueries value
HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquickquerytimeouts]
     Oueries value:
\label{local-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operator-operat
                                                                            HKLM\system\currentcontrolset\services\tcpip\parameters[hostname]
     Queries value:
      Oueries value:
                                                                            HKLM\system\currentcontrolset\services\tcpip\parameters[domain]
                                                                            HKLM\system\currentcontrolset\services\winsock\setup
      Queries value
migration\providers\tcpip6[winsock 2.0 provider id]
      Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[minsockaddrlength]
     Oueries value
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[maxsockaddrlength]
     Oueries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[usedelayedacceptance]
    Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[helperdllname]
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[queryadaptername]
    Queries value:
\label{local-parameters} HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253\}[disableadapterdomainname]}
    Oueries value:
\text{\text{WLMISystem\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253}[registrationmaxaddresscount]
Queries\ value: \\ HKLM\system\currentcontrolset\services\tcpip\parameters\tinterfaces\{128919e8-8a5e-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d1-ac17-41d
c19ce8a73253}[maxnumberofaddressestoregister]
      Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[enablemulticast]
      Queries value:
\label{thm:current} HKLMNsystem\currentcontrolset\services\tcpip\parameters\times\{e29ac6c2-7037-11de-816d-806e6f6e6963\}[queryadaptername]
    Queries value:
\label{local-bound} HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\eq29ac6c2-7037-11de-816d-806e6f6e6963\\[disableadapterdomainname]
    Oueries value:
 HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-
806e6f6e6963}[disabledvnamicupdate]
Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-
806e6f6e6963}[enableadapterdomainnameregistration]
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-
806e6f6e6963}[registrationmaxaddresscount]
     Queries value:
HKLMNsystem \current control set \services \tcpip\parameters \tinter faces \equiv 29ac6c2-7037-11de-816d-806e6f6e6963 \cite{Management of the control set \times the control set \tim
    Oueries value
HKLMNsystem \current control set \services \troip \parameters \ interfaces \end{6.0} each c2-7037-11 de-816d-806e6f6e6963 \end{6.0} enable multicast]
                                                                            HKLM\svstem\currentcontrolset\services\tcpip\parameters[searchlist]
     Oueries value:
      Queries value:
                                                                            HKCU\software\microsoft\windows
nt\currentversion\appcompatflags[showdebuginfo]
Queries value: HKLM\software\microsoft\windows nt\currentversion\compatibility32[rundl132]
                                                                            \label{thm:local_ham} HKLM \ system \ current control set \ control \ cmf \ (config[system] \ HKCU \ software \ microsoft \ windows \ current \ version \ internet
     Oueries value:
settings\wpad[wpadlastnetwork]
Queries value: HKCU' settings[autoproxydetecttype]
                                                                            HKCU\software\microsoft\windows\currentversion\internet
                                                                            HKLM\software\microsoft\rpc[maxrpcsize]
HKCU\software\microsoft\windows\currentversion\internet
     Oueries value:
      Queries value
settings\5.0\lowcache[signature]
                                                                            HKCU\software\microsoft\windows\currentversion\internet
     Queries value:
```

settings\5.0\lowcache\content[peruseritem] ba85-6007caedcf9d}[category] HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-33be-4251ba85-6007caedcf9d}[name]

Queries value: HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{352481e8-33be-4251-

ba85-6007caedcf9d}[parentfolder]

Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \mbox{$microsoft$} \windows \current version \explorer \footnote{thm:local_hammon_hammo$ ba85-6007caedcf9d}[description] Oueries value:

 $\label{thm:continuous} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \color= 352481e8-33be-4251-12be-4251-1$ ba85-6007caedcf9d}[relativepath] Oueries value:

ba85-6007caedcf9d}[parsingname]

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

Queries value:

ba85-6007caedcf9d}[localizedname]

Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \mbox{$microsoft$} \windows \current version \explorer \footnote{thm:local_hammon_hammo$ ba85-6007caedcf9d}[icon]

Oueries value:

ba85-6007caedcf9d}[security]

Queries value:

 $HKLM \label{eq:hkkkk} Which is the latest and the$ ba85-6007caedcf9d}[streamresource]
Queries value:

ba85-6007caedcf9d}[streamresourcetype]

Queries value:

ba85-6007caedcf9d}[localredirectonly]

Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \mbox{$microsoft$} \windows \current version \explorer \footnote{thm:local_hammon_hammo$ ba85-6007caedcf9d}[roamable]

Oueries value:

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

Queries value:

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

Queries value:

ba85-6007caedcf9d}[publishexpandedpath]

Oueries value:

 $HKLMNsoftware \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{352481e8-33be-4251-ba85-6007 caedcf9d\}[attributes]$

Oueries value:

 $\label{thm:continuous} HKLM \software \mbox{$microsoft\windows\currentversion} \end{\colored} explorer \folder descriptions \folds \f$ ba85-6007caedcf9d}[foldertypeid]

Queries value:

ba85-6007caedcf9d}[initfolderhandler]

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

Queries value:

9d55-7b8e7f157091}[name]

Oueries value:

 $HKLMNsoftware \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| {f1b32785-6fba-4fcf-9d55-7b8e7f157091}[parentfolder]$

Oueries value:

 $\label{thm:condition} \begin{tabular}{ll} HKLM \software \mbox{$microsoft$} \windows \current version \explorer \folder descriptions \fill $1532785-66$ ba-4fcf-1000 folder \color=1000 folder \color=100$

9d55-7b8e7f157091}[description]

 $HKLM \label{eq:hkkk} Which is the standard of the standard constraints of the standa$

9d55-7b8e7f157091}[relativepath] Oueries value:

 $HKLM \label{eq:hkkk} Which is a few and the sum of th$

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

9d55-7b8e7f157091}[infotip]

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{f1b32785-6fba-4fcf-1648466, 164846, 1648$ 9d55-7b8e7f157091}[localizedname]

9d55-7b8e7f157091}[icon]

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

Queries value:

 $HKLM \label{eq:hkkk} Which is a few and the sum of th$ 9d55-7b8e7f157091}[streamresource]

Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \fill 1532785-6 fba-4 fcf-1000 folder \cite{Linear Linear Lin$ 9d55-7b8e7f157091}[streamresourcetype] Oueries value:

9d55-7b8e7f157091}[localredirectonly]

Queries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \mbox{$microsoft$} \windows \current version \explorer \footnote{thm:local_hammon_hammo$ 9d55-7b8e7f157091}[roamable]

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

Queries value:

9d55-7b8e7f157091}[stream] Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \mbox{$microsoft$} \windows \current version \explorer \footnote{thm:local_hammon_hammo$

9d55-7b8e7f157091}[publishexpandedpath] Oueries value: $\label{thm:condition} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \fill 1532785-6 fba-4 fcf-1532785-6 fba-4 fcf-153278-6 fba-4 fcf-153278-6 fba-4 fcf-153278-6 fba-4$

9d55-7b8e7f157091}[attributes] Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{f1b32785-6fba-4fcf-9d55-7b8e7f157091}[foldertypeid] Queries value: HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{f1b32785-6fba-4fcf-9d55-7b8e7f157091}[initfolderhandler] HKCU\software\microsoft\windows\currentversion\explorer\user shell Oueries value: folders[local appdata] Queries value: HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-9afe-ea3317b67173}[category] Oueries value: 9afe-ea3317b67173}[name] Oueries value:

 $\label{thm:local_hammon_hammon} HKLM \software \mbox{$microsoft\windows\currentversion} \end{supplies} $$ E66858f-0e22-4760-1000. The supplies \mbox{$microsoft\windows\currentversion}$$ $$ E766858f-0e22-4760-1000. The supplies \mbox{$microsoft\windows\currentversion}$$ $$ E766858$

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

9afe-ea3317b67173}[parentfolder] Queries value:

 $HKLM \label{eq:hkkkk} Which is the standard of the standard$ 9afe-ea3317b67173}[description]

9afe-ea3317b67173}[relativepath]

Queries value:

9afe-ea3317b67173}[parsingname]

Oueries value:

 $\label{thm:hkkm} HKLMNsoftware\) microsoft\) windows\) currentversion\) explorer\) folder descriptions\) \{5e6c858f-0e22-4760-9afe-ea3317b67173\}[infotip]$

Oueries value:

 $\label{thm:local-condition} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \folder \current \folder \current \current$ 9afe-ea3317b67173}[localizedname]

 $HKLM \label{eq:hkkkk} Which is the standard of the standard$ 9afe-ea3317b67173}[icon] Queries value:

9afe-ea3317b67173}[security]

Queries value:

 $\label{local-parameters} HKLM \normalises The label \normalises \normalin \normalises \normalises \normalises \normalises \normalises \no$

Oueries value:

 $\label{thm:local_hammon_hammon} HKLM \software \mbox{$microsoft\windows\currentversion} \end{supplies} $$ E66858f-0e22-4760-1000. The supplies \mbox{$microsoft\windows\currentversion}$$ $$ E766858f-0e22-4760-1000. The supplies \mbox{$microsoft\windows\currentversion}$$ $$ E766858$ 9afe-ea3317b67173}[streamresourcetype]

Queries value:

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

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-

9afe-ea3317b67173}[roamable]
Queries value:

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

Oueries value:

 $\label{thm:hkkm} HKLMNsoftware\) microsoft\) windows\) currentversion\) explorer\ folderdescriptions\) \{5e6c858f-0e22-4760-9afe-ea3317b67173\}[stream]$

Oueries value:

 $\label{thm:local-condition} \begin{tabular}{l} HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\fol$ 9afe-ea3317b67173}[publishexpandedpath]

Queries value:

 $HKLM \label{eq:hkkkk} Which is the standard of the standard$ 9afe-ea3317b67173}[attributes]

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{5e6c858f-0e22-4760-

9afe-ea3317b67173}[foldertypeid]

Queries value:

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

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

settings\5.0\lowcache\content[cacheprefix]
Queries value: HKCU\software\microsoft\windows\currentversion\internet

settings\5.0\lowcache\content[cachelimit]

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

settings\5.0\lowcache\cookies[peruseritem]

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

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\f2b0f765d-c0e9-4171-908e-08a611b84ff6}[name]

Queries value:

908e-08a611b84ff6}[parentfolder]

Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \cdot \$

908e-08a611b84ff6}[description]

 $Queries\ value: \\ HKLM\ value: \\ H$ 908e-08a611b84ff6}[relativepath]

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-

908e-08a611b84ff6}[parsingname] Queries value:

908e-08a611b84ff6}[infotip]

Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \cdot \$ 908e-08a611b84ff6}[localizedname]

Oueries value:

 $\label{thm:continuous} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \current \cu$ 908e-08a611b84ff6}[icon]

Queries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \mbox{$microsoft$} \windows \current version \explorer \footnote{thm:local_hammon_hammo$

908e-08a611b84ff6}[security] Queries value:

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

Queries value:

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Oueries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \software \microsoft \windows \current version \explorer \folder descriptions \cdot \$ 908e-08a611b84ff6}[localredirectonly] Oueries value:

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

908e-08a611b84ff6}[roamable]

Oueries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}[precreate] Queries value: HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}[stream] Oueries value: $HKLMNsoftware \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{2b0f765d-c0e9-4171-908e-08a611b84ff6\}[publishexpanded path]$ Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{2b0f765d-c0e9-4171-b0484, and box \ explorer \ folder \ descriptions \ explorer \ folder \ fold$

908e-08a611b84ff6}[attributes1 Queries value:

 $\label{thm:local_hammon_hammon} HKLM \software \mbox{\sc urrentversion} \explorer \sc urrentversion \sc urrentversion$ 908e-08a611b84ff6}[foldertypeid]

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a03a-e3ef65729f3d}[category]

Oueries value:

 $\label{local-operator} HKLM \software \mbox{$microsoft\windows\currentversion} \end{2.0} explorer \software \mbox{$microsoft\windows\currentwersion} \end{$ a03a-e3ef65729f3d}[name] Oueries value:

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

a03a-e3ef65729f3d}[parentfolder] Queries value:

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

a03a-e3ef65729f3d}[description] Queries value:

a03a-e3ef65729f3d}[relativepath]

Queries value:

a03a-e3ef65729f3d}[parsingname]

Oueries value:

a03a-e3ef65729f3d}[infotip]

Oueries value:

a03a-e3ef65729f3d}[localizedname]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\f3eb685db-65f9-4cf6a03a-e3ef65729f3d}[icon] Queries value:

a03a-e3ef65729f3d}[security]

Oueries value:

 $HKLMNsoftware \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[streamresource]$

Oueries value:

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

Oueries value:

a03a-e3ef65729f3d}[localredirectonlv]

Queries value:

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

Queries value:

a03a-e3ef65729f3d}[precreate]

Oueries value:

 $HKLMNsoftware \verb|\microsoft| windows \verb|\currentversion| explorer \verb|\folderdescriptions| \{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[stream]$

Oueries value:

a03a-e3ef65729f3d}[publishexpandedpath1

Queries value:

 $HKLM \label{eq:hkkk} Which is the statement of the stat$ a03a-e3ef65729f3d}[attributes]

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\f3eb685db-65f9-4cf6-

a03a-e3ef65729f3d}[foldertypeid]

Queries value:

ao3a-e3ef65729f3d}[initfolderhandler]

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

settings\5.0\lowcache\cookies[cacheprefix]
Queriesvalue: HKCU\software\microsoft\windows\currentversion\internet

settings\5.0\lowcache\cookies[cachelimit]
Queries value: HKCU\software\microsoft\windows\currentversion\internet

Queries value: HKCU\software\mic
settings\5.0\lowcache\history[peruseritem]

Queries value:

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

Queries value:

 $HKLM \label{eq:hkkk} Which is the standard of the standard substitution of the standard standard substitution of the standard s$

a781-5a1130a75963}[name] Oueries value:

 $\label{thm:local_hammon_hammon} HKLM \software \mbox{$microsoft} \windows \current version \explorer \folder descriptions \footnote{1.00} \end{tikzpicture} Add \colored \co$ a781-5a1130a75963}[parentfolder]

Oueries value:

 $\label{thm:local_hammon_hammon} HKLM \software \mbox{$microsoft} \windows \current version \explorer \folder descriptions \footnote{1.00} \end{tikzpicture} Add \colored \co$

a781-5a1130a75963}[description]

Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432e-

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a781-5a1130a75963}[parsingname] Queries value:

HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432e-

a781-5a1130a75963}[infotip] Oueries value:

 $HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-b784-436e-b784-466-b784-466-b784-466-b784-466-b784-466-b784-466-b784-466-b784-466-b784-466-b784-466-b784-466-b784$ a781-5a1130a75963}[localizedname]

Oueries value:

 $\label{thm:condition} HKLM \software \mbox{$\mbox{$microsoft$\windows\currentversion} explorer \folder descriptions \folder descriptions. } \label{thm:condition} \label{thm:condition} \label{thm:condition} HKLM \software \mbox{$\mbox{$microsoft$\windows\currentversion} explorer \folder descriptions. } \label{thm:condition:$ a781-5a1130a75963}[icon]

Queries value:

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

Queries value:

 $HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus explorer \setminus folder \}$

a781-5a1130a75963}[streamresource]

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Oueries value
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HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-d8b, based on the software \setminus \{d9dc8a5b-b784-432e-d8b, based on the software \setminus \{d9dc8ab, based on
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    Queries value:
HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus current version \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus explorer \setminus folder descriptions \setminus \{d9dc8a3b-b784-432e-microsoft \setminus windows \setminus explorer \setminus folder \}
a781-5a1130a75963}[roamable]
    Queries value:
HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432e-
a781-5a1130a75963}[precreate]
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a781-5a1130a75963}[stream]
    Oueries value:
\label{thm:condition} HKLM \software \mbox{$\mbox{microsoft}\windows\currentversion} \end{\columnwidth} explorer \folder descriptions \folds \folds
a781-5a1130a75963}[publishexpandedpath]
    Oueries value:
\label{thm:local_explorer} HKLM \software \mbox{$microsoft$} windows \current version \explorer \folder descriptions \folder \folder
a781-5a1130a75963}[attributes]
    Queries value
HKLM \label{eq:hkkk} Which is the statement of the stat
a781-5a1130a75963}[foldertypeid]
    Queries value:
HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{d9dc8a3b-b784-432e-
a781-5a1130a75963}[initfolderhandler]
Queries value: HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\history[cacheprefix]

Queries value: HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\historv[cachelimit]
                                                                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\extensible cache\feedplat[cacherepair]
Queries value: HKCU\software\microsoft\windows\currentversion\internet settings\5.0\lowcache\extensible cache\feedplat[cachepath]
   Oueries value
                                                                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\extensible cache\feedplat[cacheprefix]
                                                                          HKCU\software\microsoft\windows\currentversion\internet
   Queries value
settings\5.0\lowcache\extensible cache\feedplat[cachelimit]
Queries value: HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\extensible cache\feedplat[cacheoptions]
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settings\5.0\lowcache\extensible cache\iecompat[cacherepair]
Queries value: HKCU\software\microsoft\windows\currentversion\internet settings\5.0\lowcache\extensible cache\iecompat[cachepath]
   Oueries value
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settings\5.0\lowcache\extensible cache\ietld[cacherepair]
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   Oueries value
                                                                          HKCII\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\extensible cache\ietld[cacheprefix]
   Oueries value
                                                                          HKCU\software\microsoft\windows\currentversion\internet
settings\5.0\lowcache\extensible cache\ietld[cachelimit]
Queries value: HKCU\software\microsoft\windows\currentversion\internet
{\tt settings \ 1.0 \ low cache \ extensible \ cache \ letld[cache options]}
     Queries value
                                                                           HKLM\system\currentcontrolset\control\wmi\security[1540ff4c-3fd7-4bba-
9938-1d1bf31573a71
     Queries value:
                                                                           HKLM\system\currentcontrolset\services\netbt\linkage[export]
                                                                          HKLM\software\microsoft\internet
   Queries value
explorer\main\featurecontrol\feature disable unicode handle closing callback[rundll32.exe]
     Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[namespace callout]
     Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[serial_access_num]
     Oueries value
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[next_catalog_entry_id]
    Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[num_catalog_entries]
    Queries value:
Oueries value
HKL\\ M\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\spaces\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parameters\parame
     Oueries value
HKL\\ M\system\current control set\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\common0000000004[packed catalog item]
    Oueries value:
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HKLM\system\currentcontrolset\services\winsock2\parameters\protocol catalog9\catalog entries\000000000008Fpackedcatalogiteml
     Queries value
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HKLM\system\currentcontrolset\services\winsock2\parameters\protocol catalog9\catalog entries\000000000012[packedcatalogitem]
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol catalog9\catalog entries\000000000013[packedcatalogitem]
     Queries value
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   Oueries value
Queries value:
\label{local-prop} HKLM\system\correction trolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000017[packedcatalogitem] Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol catalog9\catalog entries\000000000018[packedcatalogitem]
     Queries value
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 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} Names pace_catalog S \catalog_entries \catalog S \catal$

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[serial_access_num]

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[num_catalog_entries]

Oueries value

Oueries value

Oueries value Queries value: HKLM\svstem\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\00000000001[providerid] HKLM\svstem\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\00000000001faddressfamily1 Oueries value Oueries value Oueries value: $HKL\\ Mkl where a log 5 catalog entries (000000000001 [version]) and the log of the log$ Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\00000000001[providerinfo] Oueries value Oueries value Oueries value: Queries value: $\label{local-parameters} HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000000002[addressfamily]\ Queries\value:$ HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\000000000002[supportednamespace] Queries value $HKLM \\ system \\ current control set \\ services \\ winsock \\ 2 \\ parameters \\ namespace_catalog \\ 5 \\ catalog_entries \\ 00000000000002 \\ [enabled]$ Oueries value HKLM\svstem\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\000000000002[version] Oueries value: Queries value: $\label{thm:loss} HKLM \system \current control set \services \winsock 2 \parameters \names pace_catalog5 \catalog_entries \noone00000000002 \[providerinfo]$ Queries value: $HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ namespace_catalog5 \ catalog_entries \ \ 0000000000003 [library path]$ Queries value HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[displaystring] Oueries value: Oueries value: Queries value: Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\000000000003fyersion1 Queries value: $HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[storesserviceclassinfo]$ Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[providerinfo] Oueries value: Queries value: HKLM\svstem\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\00000000004fdisplaystring1 HKLM\svstem\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\000000000004[providerid] Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[addressfamily] Oueries value $HKL\\ M\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\space]$ Oueries value: Queries value: HKLM\svstem\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\000000000004fstoresserviceclassinfol Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000004[providerinfo] Oueries value Oueries value: $HKL\\ M (system) current control set (services) winsock 2 (parameters) names pace_catalog 5 (catalog_entries) (0000000000005 [displaystring]) (system) (catalog_entries) (cat$ Queries value: $HKLM \system \verb|\currentcontrolset\services\winsock2\parameters \verb|\namespace_catalog5\catalog_entries\space| for our derid]$ $HKL\\ M\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\space]$ Oueries value Oueries value: $HKL\\ Mkl where a log 5 catalog entries (0000000000005 [version]) and the log of the lo$ Queries value: Oueries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\0000000000006flibrarypath] Queries value: $HKL\\ M (system \current control set \services \winsock 2 \parameters \names pace_catalog 5 \catalog_entries \names \nam$ Oueries value: Oueries value: Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\00000000006fsupportednamespace1 HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\00000000006[enabled] Queries value: Oueries value $HKL\\ M\system\current control set\services\winsock2\parameters\namespace_catalog5\catalog_entries\space\sp$

MKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog_entries\u00000000000000f[providerinfo]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000000f[providerinfo]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters[ws2_32numhandlebuckets]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters[ws2_32spincount]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters[ws2_32spincount]
Queries value:

HKLM\software\microsoft\sqmclient\windows\disabledsessions[machinethrottling]
Queries value:

HKLM\software\microsoft\sqmclient\windows\disabledsessions[globalsession]

HKLM\software\microsoft\sqmclient\windows\disabledsessions[globalsession]

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Oueries value:
                                  HKLM\software\microsoft\rpc\securityservice[defaultauthlevel]
  Oueries value:
HKLM\system\currentcontrolset\services\mpssvc\parameters\portkeywords\dhcp[collection]
  Oueries value:
                                 HKLM\system\currentcontrolset\services\tcpip\parameters[defaultttl]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disableipsourcerouting]
  Queries value:
Queries value:
                                 HKLM\system\currentcontrolset\services\tcpip\parameters[arpretrycount]
HKLM\system\currentcontrolset\services\tcpip\parameters[igmplevel]
  Oueries value
                                  HKLM\system\currentcontrolset\services\tcpip\parameters[igmpversion]
HKLM\system\currentcontrolset\services\tcpip\parameters[enableicmpredirect]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[enableaddrmaskreply]
  Oueries value
\label{thm:hklm} \verb+KkLM\system\currentcontrolset\services\tcpip\parameters[disabletaskoffload]
  Oueries value:
Queries value:
\label{thm:hklmsystem} HKL \\ \texttt{M\system} \\ \texttt{Currentcontrolset\services\tcpip\parameters[disabledhcpmediasense]} \\ \texttt{Queries\value:}
HKLM\system\currentcontrolset\services\tcpip\parameters[disablemediasenseeventlog]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[enablemulticastforwarding]
  Oueries value
HKLM\system\currentcontrolset\services\tcpip\parameters[enablepmtudiscovery]
  Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[tcpuserfc1122urgentpointer]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[tcpmaxdataretransmissions]
Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[keepalivetime]
  Oueries value:
\label{local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} $$ HKLM \end{tabular} and $$ is a constant of the control of the control
  Queries value:
HKLM \verb|\system| current controlset \verb|\services| tcpip \verb|\parameters[tcptimed wait delay]|
HKLM\svstem\currentcontrolset\services\tcpip\parameters[tcpfinwait2delav]
   Queries value
HKLM\system\currentcontrolset\services\tcpip\parameters[enablepmtubhdetect]
  Queries value:
Queries value:
                                 HKLM\system\currentcontrolset\services\tcpip\parameters[tcp1323opts]
HKLM\system\currentcontrolset\services\tcpip\parameters[enabletcpa]
  Oueries value:
                                 HKLM\system\currentcontrolset\services\tcpip\parameters[enabledca]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[minimumpacketsizetodma]
Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters[enableconnectionratelimiting]
  Oueries value:
                                 HKLM\system\currentcontrolset\services\tcpip\parameters[enablewsd]
   Queries value
HKLM\system\currentcontrolset\services\tcpip\parameters[qualifyingdestinationthreshold]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[ipautoconfigurationenabled]
  Oueries value
HKLM\system\currentcontrolset\services\tcpip\parameters[ipautoconfigurationsubnet]
  Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[ipautoconfigurationmask]
                                  HKLM\system\currentcontrolset\services\tcpip\parameters[ipenablerouter]
  Queries value:
  Oueries value:
                                 HKLM\system\currentcontrolset\services\tcpip\parameters[arpuseethersnap]
HKLM\system\currentcontrolset\services\tcpip\parameters[overridedefaultaddressselection]
  Queries value:
                                 HKLM\system\currentcontrolset\services\tcpip\parameters[maxuserport]
  Queries value:
c19ce8a73253}[ipaddress]
  Oueries value:
c19ce8a73253}[subnetmask]
  Oueries value
c19ce8a73253}[ipautoconfigurationaddress]
  Queries value
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[ipautoconfigurationenabled]
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[performrouterdiscovery]
  Queries value:
\label{local-parameters} HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253\}[defaultgateway]}
  Oueries value:
c19ce8a73253}[defaultgatewaymetric]
c19ce8a73253}[solicitationaddressbcast]
c19ce8a73253}[usezerobroadcast]
  Queries value:
Oueries value
HKLMNsystem \current control set \services \tcpip\parameters \ interfaces \ \{128919e8-8a5e-41d1-ac17-c19c8a73253\}[mtu]
  Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[interfacemetric]
Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[tcpackfrequency]
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
Cipce8a73253)[tcpdelackticks]
Queries value: HKLM\software\policies\microsoft\internet
Queries value: https://disablesecuritysettingscheck]
Queries value: HKCU\software\microsoft\windows\currentversion\internet
settings\zonemap[autodetect]
Queries value:
settings\zones\3[1a10]
                                  HKCU\software\microsoft\windows\currentversion\internet
  Oueries value:
                                 HKIM\software\microsoft\internet
explorer\main\featurecontrol\feature_zone_elevation[explorer.exe]
  Oueries value:
                                 HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[2101]
  Queries value:
HKLM\system\currentcontrolset\services\nlasyc\parameters\internetfactivewebprobehostl
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HKLM\system\currentcontrolset\services\nlasyc\parameters\internetfactivewebprobepathl
     Oueries value
\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} which is a parameter shiftened [active webprobe content] and the parameter shiftened [active webprobe webprobe content] and the parameter shiftened [active webprobe webprobe content] and the parameter shiftened [active webprobe webprobe
    Oueries value:
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settings\connections[winhttpsettings]
    Oueries value:
                                                                                HKCU\software\microsoft\internet explorer\ietldfietlddllversionlow]
                                                                                HKCU\software\microsoft\internet explorer\ietld[ietlddllversionhigh] HKCU\software\microsoft\internet explorer\ietld[ietlddlversionlow]
     Queries value:
     Queries value:
                                                                                \label{thm:local-hammon} HKCU\software\microsoft\since explorer\ietld[ietldversionhigh] HKCU\software\microsoft\since variety of the constraint of the con
     Oueries value:
    Queries value
settings\zones\3[{aeba21fa-782a-4a90-978d-b72164c80120}]
    Queries value:
                                                                                HKCU\software\microsoft\windows\currentversion\internet
settings[privacyadvanced]
    Oueries value
Queries value.

HKCU\software\microsoft\windows\currentversion\explorer\userassist\{cebff5cd-ace2-4f4f-9178-9926f41749ea}\count[{q6523100-o2s1-4857-n4pr-n8r7p6rn7q27}\pnyp.rkr]
     Oueries value
HKLM\software\microsoft\windows\currentversion\reliability[timestampinterval]
                                                                                HKLM\system\currentcontrolset\services\eventlog\system[type]
HKLM\system\currentcontrolset\services\eventlog\system[filemax]
    Oueries value:
     Queries value:
                                                                                HKLM\system\currentcontrolset\services\eventlog\system[filecounter]
HKLM\system\currentcontrolset\services\eventlog\system[buffersize]
HKLM\system\currentcontrolset\services\eventlog\system[minbuffers]
    Oueries value:
     Queries value:
    Queries value:
                                                                                HKLM\system\currentcontrolset\services\eventlog\system[maxbuffers] HKLM\system\currentcontrolset\services\eventlog\system[latency]
     Oueries value:
     Queries value:
                                                                                HKLM\system\currentcontrolset\services\eventlog\system[clocktype]
HKLM\system\currentcontrolset\services\eventlog\system[level]
HKLM\system\currentcontrolset\services\eventlog\system[controlguid]
    Oueries value:
     Queries value:
     Queries value:
    Queries value:
Queries value:
                                                                                HKLM\system\currentcontrolset\services\eventlog\system[maxsize]
HKLM\system\currentcontrolset\services\eventlog\system[maxsizeupper
    Oueries value:
                                                                                 HKLM\system\currentcontrolset\services\eventlog\system[retention]
       Queries value:
HKLM\system\currentcontrolset\services\eventlog\system[autobackuplogfiles]
    Queries value:
Queries value:
                                                                                HKLM\system\currentcontrolset\services\eventlog\system[file] HKLM\system\currentcontrolset\services\eventlog\system[flags]
                                                                                HKLM\system\currentcontrolset\services\eventlog\system[filterid]
HKLM\system\currentcontrolset\services\eventlog\system[owningpublisher]
HKLM\system\currentcontrolset\services\eventlog\system[customsd]
    Oueries value:
     Queries value:
     Queries value:
     Oueries value:
HKLM\software\microsoft\windows\currentversion\winevt\publishers\{0063715b-eeda-4007-9429-
ad526f62696e}[]
Queries value: 
HKLM\software\microsoft\windows\currentversion\winevt\publishers\{01090065-b467-4503-9b28-
533766761087}[]
Queries value:
578d9c29fc0c}[]
    Oueries value:
0800200c9a66}[]
    Oueries value
HKLM\software\microsoft\windows\currentversion\winevt\publishers\{017ba13c-9a55-4f1f-8200-
323055aac810}[1
    Queries value
HKLM\software\microsoft\windows\currentversion\winevt\publishers\{01979c6a-42fa-414c-b8aa-
eee2c8202018}[1
HKLM\software\microsoft\windows\currentversion\winevt\publishers\{02012a8a-adf5-4fab-92cb-
ccb7bb3e689a}[]
Queries value:
HKLM \ software \ microsoft \ windows \ current version \ winevt \ blishers \ \{030f2f57-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4427-bcf1-abd0-4
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0000-000000000000000]
                                                                     HKLM\system\currentcontrolset\control\wmi\security[0000000-0000-0000-
                                                                     HKLM\system\currentcontrolset\control\wmi\security[981f2d7d-b1f3-11d0-
8dd7-00c04fc3358c]
    Oueries value
                                                                     HKLM\system\currentcontrolset\control\class\{4d36e972-e325-11ce-bfc1-
08002be10318}\0007\linkage[upperbind]
                                                                    HKLM\svstem\currentcontrolset\control\class\{4d36e972-e325-11ce-bfc1-
    Oueries value
08002be10318}\0006\linkage[upperbind]
     Sets/Creates value
HKCU\software\microsoft\windows\currentversion\run[1h6wzb8fwvux1exfmpbqaa]
Sets/Creates value: HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[1409]
     Sets/Creates valu
settings\zones\0[1609]
    Sets/Creates value
                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\0[1406]
    Sets/Creates value
                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown_zones\1[1406]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
    Sets/Creates value
settings\lockdown_zo
Sets/Creates value:
                                                          nes\2[1406]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown_zc
Sets/Creates value:
                                                         nes\3[1406]
                                                                      HKCU\software\microsoft\windows\currentversion\internet
settings\lockdown_zones\4[1406]
Sets/Creates value: HKCU\software\microsoft\internet explorer\phishingfilter[shownservicedownballoon]
    Sets/Creates value
                                                                    HKCII\software\microsoft\internet
explorer\recovery[clearbrowsinghistoryonexit]
    Sets/Creates value
                                                                    HKCU\software\microsoft\windows\currentversion\internet
settings[globaluseroffline]
Sets/Creates value: HKLM\system\currentcontrolset\services\tcpip\parameters[dhcpnameserver]
     Sets/Creates value
 HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[dhcpnameserver]
     Sets/Creates value
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[dhcpsubnetmaskopt]
      Sets/Creates value
\label{thm:local-parameters} HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253\}[dhcpdefaultgateway]
    Sets/Creates value
                                                                    HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\{7bf7ed91-f442-458a-abea-c661d1bd5efb}[wpaddecisionreason]
Sets/Creates value: HKCU\software\microsoft\windows\currentversion\internet
Settings\wpad\{7bf7ed91-f442-458a-abea-c661d1bd5efb) wpaddecisiontime]
Sets/Creates value: HKCU\software\microsoft\windows\currentversion
Sets/Creates value: HKCU\software\microsoft\windows\currentversion\internet settings\wpad\{7bf7ed91-f442-458a-abea-c661d1bd5efb}[wpaddecision]
Sets/Creates \ value: \ HKCU\software\microsoft\windows\currentversion\) internet settings\wpad\{7bf7ed91-f442-458a-abea-c661d1bd5efb}\[ wpadnetworkname\]
    Sets/Creates value
                                                                    HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\82-da-ad-19-17-f7[wpaddecisionreason]
Sets/Creates value: HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\82-da-ad-19-17-f7[wpaddecisiontime]
Sets/Creates value: HKCU\software\microsoft\windows\currentversion\internet
settings\wpad\82-da-ad-19-17-f7[wpaddecision]
Value changes: HKCU\software\microsc
settings[enablehttp1_1]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
    Value changes:
                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings[proxyhttp1.1]
    Value changes
                                                                     HKCU\software\microsoft\windows\currentversion\internet
 settings[warnonpost]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
    Value changes:
Value changes:
settings [warnonpostredirect]
Value changes: HKCU\software\microsoft\windows\currentversion\internet
settings[warnonintranet]
Value changes:
                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\1[1409]
Value changes:
settings\zones\1[1609]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
    Value changes:
                                                                     HKCU\software\microsoft\windows\currentversion\internet
 settings\zones\1[1406]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
    Value changes:
settings\zones\2[1409]
     Value changes:
                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\2[1609]
Value changes:
                                                                      HKCU\software\microsoft\windows\currentversion\internet
settings\zones\2[1406]
Value changes:
settings\zones\3[1409]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
Value changes:
settings\zones\3[1609]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
    Value changes:
                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[1406]
    Value changes:
                                                                     HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[1409]
Value changes:
                                                                      HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[1609]
                                                                     HKCU\software\microsoft\windows\currentversion\internet
    Value changes:
```

```
settings\zones\4[1406]
  Value changes:
Value changes:
                                \label{thm:loss} HKLM\software\microsoft\windows $$HKLM\software\microsoft\windows $$
nt\currentversion\networklist\nla\cache\intranet[{128919e8-8a5e-41d1-ac17-c19ce8a73253}]
Value changes: HKLM\system\currentcontrolset\control\network\{4d36e972-e325-11ce-bfc1-08002be10318}\{128919e8-8a5e-41d1-ac17-c19ce8a73253}\connection[pnpinstanceid]
 Value changes:
Value changes:
                                HKCU\software\classes\local settings\muicache\27\52c64b7e[languagelist]
HKLM\system\currentcontrolset\control\wmi\autologger\readyboot[start]
Value Changes:

HKLM\system\currentcontrolset\services\rdyboost\parameters[readybootvolumeuniqueid]

Value changes:

HKLM\system\currentcontrolset\control\session manager\memory
management\prefetchparameters[enableboottrace]
Value changes: HKCU\software\microsoft\windows\currentversion\internet
settings[proxyenable]
Value changes:
                                HKCU\software\microsoft\windows\currentversion\internet
settings\connections[savedlegacysettings]
Value changes:
HKLM\system\currentcontrolset\services\mpssvc\parameters\portkeywords\dhcp[collection]
Value changes: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}[dhcpinterfaceoptions]
Value changes: HKCU\settings\wpad[wpadlastnetwork]
                               HKCU\software\microsoft\windows\currentversion\internet
                               HKCU\software\microsoft\windows\currentversion\internet
 Value changes:
settings[globaluseroffline]
  Value changes:
\label{thm:lossoftware} HKCU\software\microsoft\windows\currentversion\explorer\userassist\{cebff5cd-ace2-4f4f-9178-9926f41749ea}\cunt[\{q6523100-o2s1-4857-n4pr-n8r7p6rn7q27\}\npp.rkr]
9926f41749ea}\count[hrzr_pgyfrffvba]
Value changes: HKLM\system\currentcontrolset\services\rdyboost\parameters[bootplan]
 Value changes:
Value changes:
HKLM\system\currentcontrolset\services\rdyboost\parameters[readybootplanage] Value changes:
HKLM\system\currentcontrolset\services\rdyboost\parameters[lastbootplanusertime]
```