Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 622, Task ID: 2433

Task ID: 2433 Risk Level: 8

Date Processed: 2016-02-22 05:29:43 (UTC)

Processing Time: 62.84 seconds
Virtual Environment: IntelliVM

Execution Arguments:

"c:\windows\temp\33a18d17f6f150459e8eb2593a364b558768a1c85f4ee897aed2b83e30cefe99.exe"

Sample ID: 622 Type: basic Owner: admin

Label: 33a18d17f6f150459e8eb2593a364b558768a1c85f4ee897aed2b83e30cefe99

Date Added: 2016-02-22 05:26:49 (UTC)

File Type: PE32:win32:gui File Size: 54272 bytes

MD5: 75984f5cee7f9e64b9ffe44f60df8764

SHA256: 33a18d17f6f150459e8eb2593a364b558768a1c85f4ee897aed2b83e30cefe99

Description: None

Pattern Matching Results

Writes to memory of system processes

4 Reads process memory

3 HTTP connection - response code 200 (success) [HTTP, POST, GET, web, network, response code]

SSL traffic on standard port

6 Contacts service to find external IP address

8 Starts svchost.exe

Process/Thread Events

Creates process:

C:\windows\temp\33a18d17f6f150459e8eb2593a364b558768a1c85f4ee897aed2b83e30cefe99.exe
["C:\windows\temp\33a18d17f6f150459e8eb2593a364b558768a1c85f4ee897aed2b83e30cefe99.exe"]

Creates process: C:\Windows\SysWOW64\svchost.exe [svchost.exe]
Reads from process: PID:1712 C:\Windows\SysWOW64\svchost.exe
Writes to process: PID:1712 C:\Windows\SysWOW64\svchost.exe

Terminates process:

Named Object Events

Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex

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

File System Events

Creates: C:\Users\Admin

Creates: C:\Users\Admin\AppData\Local

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

Creates: C:\Users\Admin\AppData\Roaming

Creates: C:\Users\Admin\AppData\Roaming\Microsoft\Windows\Cookies
Creates: C:\Users\Admin\AppData\Local\Microsoft\Windows\History

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

Files\Content.IE5\XYGC8IM2\icanhazip_com[1].txt

Opens: C:\Windows\Prefetch\33A18D17F6F150459E8EB2593A364-EB28559C.pf

Opens: C:\Windows

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

Opens: C:\Windows\SysWOW64

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

Opens:

C:\Windows\Temp\33a18d17f6f150459e8eb2593a364b558768a1c85f4ee897aed2b83e30cefe99.exe

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

controls_6595b64144ccf1df_5.82.9200.16384_none_bf100cd445f4d954

 $Opens: C: \windows\winSxS\x86_microsoft.windows.common-controls_6595b64144ccf1df_5.82.9200.16384_none_bf100cd445f4d954\comctl32.dl1$

Opens: C:\Windows\SysWOW64\sechost.dll
Opens: C:\Windows\SysWOW64\gdi32.dll
Opens: C:\Windows\SysWOW64\user32.dll
Opens: C:\Windows\SysWOW64\user32.dll

Opens: C:\Windows\SysWOW64\bcryptprimitives.dll
Opens: C:\Windows\SysWOW64\cryptbase.dll
Opens: C:\Windows\SysWOW64\sspicli.dll
Opens: C:\Windows\SysWOW64\rpcrt4.dll
Opens: C:\Windows\SysWOW64\advapi32.dll

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C:\Windows\SysWOW64\imm32.dll
 Opens:
                         C:\Windows\SysWOW64\msctf.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\uxtheme.dll
                         C:\Windows\SysWOW64\dwmapi.dll
 Opens:
 Opens:
                         C:\Windows\Globalization\Sorting\SortDefault.nls
 Opens:
                         C:\Windows\SysWOW64\svchost.exe
 Opens:
 Opens:
                         C:\Windows\Prefetch\SVCHOST.EXE-672DEC87.pf
 Opens:
                         C:\Windows\SysWOW64\secur32.dll
                         C:\Windows\SysWOW64\combase.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\SHCore.dll
 Opens:
                         C:\Windows\SysWOW64\profapi.dll
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
Files\counters.dat
 Opens:
                         C:\Windows\SysWOW64\wininet.dll
                         C:\Windows\WinSxS\x86_microsoft.windows.common-
 Opens:
controls_6595b64144ccf1df_6.0.9200.16384_none_893961408605e985
 Opens:
                         C:\Windows\WinSxS\x86_microsoft.windows.common-
controls_6595b64144ccf1df_6.0.9200.16384_none_893961408605e985\comctl32.dll
                         C:\Windows\WindowsShell.Manifest
 Opens:
 Opens:
                         C:\Windows\SysWOW64\winhttp.dll
 Opens:
                         C:\Windows\SysWOW64\mswsock.dll
                         C:\Windows\SysWOW64\IPHLPAPI.DLL
 Opens:
 Opens:
                         C:\Windows\SysWOW64\winnsi.dll
 Opens:
                         C:\Windows\SysWOW64\dnsapi.dll
 Opens:
                         C:\Windows\SysWOW64\oleaut32.dll
 Opens:
                         C:\Windows\SysWOW64\cryptsp.dll
 Opens:
                         C:\Windows\SysWOW64\rsaenh.dll
 Opens:
                         C:\Windows\SysWOW64\clbcatq.dll
 Opens:
                         C:\Windows\SysWOW64\rasadhlp.dll
 Opens:
                         C:\Windows\SysWOW64\dhcpcsvc6.dll
                         C:\Windows\SysWOW64\dhcpcsvc.dll
 Opens:
 Opens:
                         C:\Windows\System32\Drivers\etc\hosts
 Opens:
                         C:\Windows\SysWOW64\FWPUCLNT.DLL
 Opens:
{\tt C:\Wsers\Admin\AppData\Roaming\Microsoft\SystemCertificates\My\AppContainerUserCertRead}
 Opens:
C:\Users\Admin\AppData\Roaming\Microsoft\SystemCertificates\My\Certificates
                         C:\Users\Admin\AppData\Roaming\Microsoft\SystemCertificates\My\CRLs
 Opens:
 Opens:
                         C: \verb|\USers\Admin\AppData\Roaming\Microsoft\System\Certificates\My\CTLs|
                         C:\Windows\SysWOW64\schannel.dll
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Roaming\Microsoft\SystemCertificates\My
 Opens:
                         C:\Windows\SysWOW64\gpapi.dll
                         C:\Windows\SysWOW64\en-US\crypt32.dll.mui
 Opens:
 Opens:
                         C:\Windows\SysWOW64\ncrypt.dll
 Opens:
                         C:\Windows\SysWOW64\bcrypt.dll
 Opens:
                         C:\Windows\SysWOW64\ntasn1.dll
 Opens:
                         C:\Windows\SysWOW64\cryptnet.dll
                         C:\Users\Admin\AppData\LocalLow
 Opens:
 Opens:
C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\57C8EDB95DF3F0AD4EE2DC2B8CFD4157
                         C:\Windows\SysWOW64\en-US\winhttp.dll.mui
 Opens:
 Opens:
                         C:\Windows\SysWOW64\webio.dll
 Opens:
                         C:\Windows\SysWOW64\en-US\KernelBase.dll.mui
 Opens:
                         C:\Windows\SysWOW64\en-US\mswsock.dll.mui
 Opens:
                         C:\Windows\SysWOW64\wshqos.dll
                         C:\Windows\SysWOW64\en-US\wshqos.dll.mui
 Opens:
                         C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData
 Opens:
                         C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content
 Opens:
 Opens:
C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content\57C8EDB95DF3F0AD4EE2DC2B8CFD4157
                         C:\Windows\SysWOW64\ncryptsslp.dll
 Opens:
                         C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet
 Writes to:
Files\Content.IE5\XYGC8IM2\icanhazip_com[1].txt
C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\57C8EDB95DF3F0AD4EE2DC2B8CFD4157
 Writes to:
{\tt C: \Wsers Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content\S7C8EDB95DF3F0AD4EE2DC2B8CFD4157}
 Reads from:
                         C:\Windows\SysWOW64\svchost.exe
 Reads from:
                         C:\Windows\System32\Drivers\etc\hosts
 Reads from:
C:\Users\Admin\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\57C8EDB95DF3F0AD4EE2DC2B8CFD4157
C:\Windows\Temp\33a18d17f6f150459e8eb2593a364b558768a1c85f4ee897aed2b83e30cefe99.exe
```

Network Events

DNS query:	icanhazip.com
DNS query:	ctldl.windowsupdate.com
DNS response:	icanhazip.com ⇒ 64.182.208.181
DNS response:	a1621.g.akamai.net ⇒ 58.27.86.223
DNS response:	a1621.g.akamai.net ⇒ 58.27.22.137
Connects to:	64.182.208.181:80

197.149.90.166:12232 Connects to: 208.117.68.78:443 Connects to: 67.222.201.61:443 Connects to: Connects to: 209.27.49.117:443 Connects to: 58.27.86.223:80 Sends data to: 0.0.0.0:53 Sends data to: icanhazip.com:80 (64.182.208.181) Sends data to: 209.27.49.117:443 a1621.g.akamai.net:80 (58.27.86.223) Sends data to: Receives data from: 0.0.0.0:53

Windows Registry Events

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

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

icanhazip.com:80 (64.182.208.181)

a1621.g.akamai.net:80 (58.27.86.223)

209.27.49.117:443

settings\connections

Receives data from:

Receives data from: Receives data from:

Creates key: HKLM\system\currentcontrolset\services\tcpip\parameters
Creates key: HKCU\software\microsoft\windows\currentversion\internet

settings\zonemap\

Creates key: HKLM\system\currentcontrolset\control\securityproviders\schannel
Creates key: HKCU\software\microsoft\windows\currentversion\wintrust\trust

providers\software publishing

Creates key: HKCU\software\microsoft\systemcertificates\ca

Creates key: HKCU\software\microsoft\systemcertificates\ca\certificates
Creates key: HKCU\software\microsoft\systemcertificates\ca\crls
Creates key: HKCU\software\microsoft\systemcertificates\ca\ctls
Creates key: HKCU\software\policies\microsoft\systemcertificates\ca

Creates key: HKCU\software\policies\microsoft\systemcertificates\ca\certificates

Creates key: HKCU\software\policies\microsoft\systemcertificates\ca\crls
Creates key: HKCU\software\policies\microsoft\systemcertificates\ca\ctls
Creates key: HKLM\software\wow6432node\microsoft\systemcertificates\ca

Creates key: HKLM\software\microsoft\systemcertificates\ca Creates key: HKLM\software\microsoft\systemcertificates\ca\

Creates key: HKLM\software\microsoft\systemcertificates\ca\certificates Creates key: HKLM\software\microsoft\systemcertificates\ca\crls Creates key: HKLM\software\microsoft\systemcertificates\ca\ctls

Creates key: HKLM\software\wow6432node\policies\microsoft\systemcertificates\ca

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

Creates key: HKLM\software\policies\microsoft\systemcertificates\ca\certificates

Creates key: HKLM\software\policies\microsoft\systemcertificates\ca\crls
Creates key: HKLM\software\policies\microsoft\systemcertificates\ca\ctls
Creates key: HKLM\software\wow6432node\microsoft\enterprisecertificates\ca

Creates key: HKLM\software\microsoft\enterprisecertificates\ca

Creates key: HKLM\software\microsoft\enterprisecertificates

Creates key: HKLM\software\microsoft\enterprisecertificates\ca\crls
Creates key: HKLM\software\microsoft\enterprisecertificates\ca\ctls
Creates key: HKCU\software\microsoft\systemcertificates\disallowed

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Creates key: HKCU\software\policies\microsoft\systemcertificates\disallowed\ctls
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Creates key:

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Creates key: HKLM\software\microsoft\enterprisecertificates\disallowed

Creates key: HKLM\software\microsoft\enterprisecertificates\disallowed\certificates

Creates key: HKLM\software\microsoft\enterprisecertificates\disallowed\crls
Creates key: HKLM\software\microsoft\enterprisecertificates\disallowed\ctls

 $\label{lem:condition} {\it Creates key:} \qquad \qquad {\it HKCU \ software \ microsoft \ systemcertificates \ loot}$

Creates key: HKCU\software\microsoft\systemcertificates\root\certificates
Creates key: HKCU\software\microsoft\systemcertificates\root\crls
Creates key: HKCU\software\microsoft\systemcertificates\root\ctls
Creates key: HKLM\software\wow6432node\microsoft\systemcertificates\root

Creates key: HKLM\software\microsoft\systemcertificates\root

Creates key: HKLM\software\microsoft\systemcertificates\root\certificates

Creates key: HKLM\software\microsoft\systemcertificates\root\crls
Creates key: HKLM\software\microsoft\systemcertificates\root\ctls

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Creates key:
                                   Creates key:
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                                   HKLM \setminus software \setminus microsoft \setminus system certificates \setminus authroot \setminus certificates
  Creates kev:
  Creates key:
                                   HKLM\software\microsoft\systemcertificates\authroot\crls
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HKLM\software\wow6432node\policies\microsoft\systemcertificates\trustedpeople
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  Creates key:
HKLM\software\policies\microsoft\systemcertificates\trustedpeople\certificates
  Creates key:
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  Creates key:
                                   HKLM\software\policies\microsoft\systemcertificates\trustedpeople\ctls
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HKLM\software\microsoft\enterprisecertificates\trustedpeople\certificates
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                                   HKCU\software\microsoft\systemcertificates\trust\certificates
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  Creates key:
                                   HKCU\software\policies\microsoft\systemcertificates\trust\ctls
  Creates key:
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  Creates key:
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  Creates key:
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  Creates key:
                                   HKLM\software\microsoft\systemcertificates\trust\crls
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  Creates key:
                                   HKLM\software\policies\microsoft\systemcertificates\trust\crls
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                                   HKLM\software\microsoft\enterprisecertificates\trust
  Creates key:
  Creates key:
                                   HKLM\software\microsoft\enterprisecertificates\trust\certificates
  Creates key:
                                   HKLM\software\microsoft\enterprisecertificates\trust\crls
                                   \label{lem:hklm} \verb+ HKLM \software \microsoft \enterprise certificates \trust \ctls
  Creates key:
  Deletes value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[proxyserver]
  Deletes value:
                                   \label{lem:hkcu} \mbox{\tt HKCU\software\mbox{\tt microsoft\windows\currentversion\linear}} \mbox{\tt internet}
settings[proxyoverride]
  Deletes value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[autoconfigurl]
  Deletes value:
                                   HKCU\software\microsoft\windows\currentversion\internet
settings[autodetect]
  Deletes value:
                                   HKCU\software\microsoft\windows\currentversion\internet
```

settings\zonemap[proxybypass]

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

settings\zonemap[proxybypass]

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

settings\zonemap[intranetname]

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

settings\zonemap[intranetname]

Opens key: HKLM\software\microsoft\wow64

Opens key: HKLM\system\currentcontrol\set\control\terminal server
Opens key: HKLM\system\currentcontrol\set\control\safeboot\option
Opens key: HKLM\system\currentcontrol\set\control\srp\gp\dll

Opens key:

HKLM\software\wow6432node\policies\microsoft\windows\safer\codeidentifiers

Opens key: HKLM\software\policies\microsoft\windows\safer\codeidentifiers
Opens key: HKCU\software\policies\microsoft\windows\safer\codeidentifiers

 Opens key:
 HKLM\system\currentcontrolset\control\nls\customlocale

 Opens key:
 HKLM\system\currentcontrolset\control\nls\language

 Opens key:
 HKLM\system\currentcontrolset\control\mui\uilanguages

 Opens key:
 HKLM\system\currentcontrolset\control\mui\uilanguages\en-us

 Opens key:
 HKLM\system\currentcontrolset\control\mui\uilanguages\en-us

Opens key: HKLM\software\wow6432node\policies\microsoft\mui\settings

Opens key. Inclin 350 t war e wows-32 roue type I clear that 13ettl

Opens key: HKLM\software\policies\microsoft\mui\settings

Opens key: HKCU\

Opens key: HKCU\control panel\desktop\muicached\machinelanguageconfiguration
Opens key: HKLM\system\currentcontrolset\control\mui\settings\languageconfiguration

Opens key: HKCU\software\policies\microsoft\control panel\desktop Opens key: HKCU\control panel\desktop\languageconfiguration

Opens key: HKCU\control panel\desktop

Opens key: HKCU\control panel\desktop\muicached

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

Opens key: HKLM\system\currentcontrol\set\control\nls\sorting\versions

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

Opens key: HKCU\software\microsoft\windows nt\currentversion\appcompatflags

Opens key: HKLM\software\microsoft\windows nt\currentversion\appcompatflags\disable8and16bitmitigation

Opens key:

HKLM\software\wow6432node\microsoft\windows\currentversion\sidebyside\assemblystorageroots

 $Opens~key: \\ HKLM\software\wow6432 node\microsoft\windows~nt\currentversion\sim ge~file \\$

execution options

Opens key: ${\tt HKLM \setminus software \setminus microsoft \setminus windows\ nt \setminus current version \setminus image\ file\ execution}$

options\dllnxoptions

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

nt\currentversion\gre_initialize

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

 $\verb|nt\currentversion\compatibility32| \\$

Opens key: HKLM\software\wow6432node\microsoft\windows nt\currentversion\ime

compatibility

Opens key: HKLM\

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

Opens key: HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy

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

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Opens key: HKLM\system\currentcontrolset\control\nls\extendedlocale
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Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\svchost.exe

Opens key: HKLM\system\currentcontrolset\control\session manager\appcertdlls
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Opens key: HKLM\software\wow6432node\microsoft\windows

nt\currentversion\appcompatflags

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

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explorer\main\featurecontrol

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                                               HKCU\software\policies\microsoft\systemcertificates\trust\ctls
   Opens key:
                                               HKLM \verb|\software\m| icrosoft \verb|\systemcertificates\m| trust \verb|\certificates\m|
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   Opens key:
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   Opens key:
                                               HKLM \setminus software \setminus policies \setminus microsoft \setminus system certificates \setminus ca \setminus crls
   Opens key:
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                                               \label{thm:local} \verb+HKLM\+ software\+ microsoft\+ enterprise certificates\+ ca\+ crls
   Opens key:
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   Opens key:
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   Opens key:
                                               HKCU\software\microsoft\systemcertificates\disallowed\crls
   Opens key:
                                               \label{lem:hkcu} \mbox{HKCU\software\mbox{\sc microsoft\system} certificates\disallowed\ctls}
   Opens key:
                                               HKCU \setminus software \setminus policies \setminus microsoft \setminus system certificates \setminus disallowed
   Opens key:
HKCU\software\policies\microsoft\systemcertificates\disallowed\certificates
   Opens key:
                                               HKCU\software\policies\microsoft\systemcertificates\disallowed\crls
   Opens key:
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   Opens key:
                                               HKLM \setminus software \setminus microsoft \setminus system certificates \setminus disallowed \setminus certificates
```

HKLM\software\microsoft\systemcertificates\disallowed\crls Opens kev:

Opens key: $HKLM \setminus software \setminus microsoft \setminus system certificates \setminus disallowed \setminus ctls$

Opens key: HKLM\software\wow6432node\policies\microsoft\systemcertificates\disallowed Opens kev: HKLM\software\policies\microsoft\systemcertificates\disallowed Opens key: HKLM\software\policies\microsoft\systemcertificates\disallowed\certificates Opens key: $HKLM \setminus software \setminus policies \setminus system certificates \setminus disallowed \setminus crls$ HKLM\software\policies\microsoft\systemcertificates\disallowed\ctls Opens key: Opens key: $HKLM \setminus software \setminus microsoft \setminus enterprise certificates \setminus disallowed \setminus certificates$ Opens key: HKLM\software\microsoft\enterprisecertificates\disallowed\crls HKLM\software\microsoft\enterprisecertificates\disallowed\ctls Opens key: $HKCU \setminus software \setminus microsoft \setminus system certificates \setminus trusted people \setminus certificates$ Opens key: Opens key: $\label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ system certificates\+ trusted people\+ crls$ Opens key: HKCU\software\microsoft\systemcertificates\trustedpeople\ctls Opens key: HKCU\software\policies\microsoft\systemcertificates\trustedpeople Opens key: HKCU\software\policies\microsoft\systemcertificates\trustedpeople\certificates HKCU\software\policies\microsoft\systemcertificates\trustedpeople\crls Opens kev: Opens key: HKCU\software\policies\microsoft\systemcertificates\trustedpeople\ctls Opens key: $HKLM \setminus software \setminus microsoft \setminus system certificates \setminus trusted people \setminus certificates$ $\label{thm:local_continuous} \begin{tabular}{ll} HKLM \end{tabular} software \end{tabular} is a substitution of the local continuous continuo$ Opens key: Opens key: HKLM\software\microsoft\systemcertificates\trustedpeople\ctls Opens key: HKLM\software\wow6432node\policies\microsoft\systemcertificates\trustedpeople Opens key: HKLM\software\policies\microsoft\systemcertificates\trustedpeople Opens key: HKLM\software\policies\microsoft\systemcertificates\trustedpeople\certificates Opens key: Opens key: HKLM\software\policies\microsoft\systemcertificates\trustedpeople\ctls Opens kev: $HKLM \setminus software \setminus microsoft \setminus enterprise certificates \setminus trusted people \setminus certificates$ Opens key: HKLM\software\microsoft\enterprisecertificates\trustedpeople\crls HKLM\software\microsoft\enterprisecertificates\trustedpeople\ctls Opens key: Opens key: HKCU\software\microsoft\systemcertificates\authroot\autoupdate Opens key: HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype 0\cryptdllfindoidinfo Opens key: $HKLM \ software \ wow 6432 node \ microsoft \ cryptography \ oid \ lencoding type$ 0\cryptdllfindoidinfo\1.3.6.1.4.1.311.47.1.1!7 HKLM\system\currentcontrolset\control\mui\stringcachesettings Opens key: Opens key: HKCU\software\classes\local settings\muicache\13\52c64b7e Opens key: HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype 0\cryptdllfindoidinfo\1.3.6.1.4.1.311.64.1.1!7 HKLM\system\currentcontrolset\control\cmf\config Opens key: HKLM\software\wow6432node\microsoft\windows\windows error reporting\wmr Opens kev: ${\tt HKLM \ } system \verb|\ current control \verb|\ cryptography \verb|\ providers| \\$ Opens key: Opens key: HKLM\system\currentcontrolset\control\cryptography\configuration Opens key: HKLM\system\currentcontrolset\services\ldap Opens key: Opens key: $HKLM \ software \ wow 6432 node \ microsoft \ cryptography \ oid \ lencoding type$ 0\schemedllretrieveencodedobjectw Opens key: HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype 1\schemedllretrieveencodedobjectw Opens key: HKLM\software\wow6432node\microsoft\windows\currentversion\internet settings\connections Opens key: $\label{lem:hkcu} \verb+KKCU \software \verb+ microsoft \verb+ windows \verb+ current version \verb+ internet+ \\$ settings\connections Opens key: HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype 0\cryptdllverifyencodedsignature HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype Opens kev: 1\cryptdllverifyencodedsignature HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype Opens key: 0\cryptdllimportpublickeyinfoex2 Opens key: $HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| cryptography\\| oid\\| encoding type$ 1\cryptdllimportpublickeyinfoex2 HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype Opens kev: 0\cryptdllimportpublickeyinfoex HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype Opens kev: 1\cryptdllimportpublickeyinfoex $HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| cryptography\\| oid\\| encoding type$ Opens key: 0\cryptdllconvertpublickeyinfo Opens kev: HKLM\software\wow6432node\microsoft\cryptography\oid\encodingtype 1\cryptdllconvertpublickeyinfo $HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| cryptography\\| oid\\| encoding type$ Opens kev: 0\certdllverifycertificatechainpolicy $HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| cryptography\\| oid\\| encoding type$ Opens key: 1\certdllverifycertificatechainpolicy HKLM\system\currentcontrolset\control\terminal server[tsappcompat] Oueries value: Queries value: HKLM\system\currentcontrolset\control\terminal server[tsuserenabled] Oueries value:

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Queries value: HKLM\system\currentcontrolset\control\mui\uilanguages\en-us[type] Queries value: HKLM\system\currentcontrolset\control\mui\uilanguages\en-

us[alternatecodepage]

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Oueries value: HKLM\system\currentcontrolset\control\nls\sorting\versions[]

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options\dllnxoptions[usefilter]

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Queries value: HKLM\software\microsoft\windows

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

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

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Queries value: HKLM\system\currentcontrolset\control\session manager[safedllsearchmode]

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Oueries value:

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folders[cache]

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Oueries value:

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Queries value: $\label{lem:hkcu} \mbox{\tt HKCU\software\mbox{\tt microsoft\windows\currentversion\linear}} \mbox{\tt internet}$

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Queries value:

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Oueries value: 33be-4251-ba85-6007caedcf9d}[localredirectonly] Queries value: 33be-4251-ba85-6007caedcf9d}[roamable] Oueries value: 33be-4251-ba85-6007caedcf9d}[precreate] Oueries value: 33be-4251-ba85-6007caedcf9d}[stream] Oueries value: 33be-4251-ba85-6007caedcf9d}[publishexpandedpath] Oueries value: 33be-4251-ba85-6007caedcf9d}[attributes] Oueries value: $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{352481e8-164444 \ explorer \ folder \ explorer \ \ folder \ \ \ \}$ 33be-4251-ba85-6007caedcf9d}[foldertypeid] Queries value: 33be-4251-ba85-6007caedcf9d}[initfolderhandler] HKU\.default\software\microsoft\windows\currentversion\explorer\user Queries value: shell folders[cache] Queries value: HKLM\system\currentcontrolset\control\nls\sorting\ids[en-us] HKLM\system\currentcontrolset\control\nls\sorting\ids[en] Queries value: HKLM\software\microsoft\windows nt\currentversion\profilelist[default] Oueries value: HKCU\software\microsoft\windows\currentversion\explorer\user shell Queries value: folders[cache] HKCU\software\policies\microsoft\windows\currentversion\internet Queries value: settings[mbcsapiforcrack] HKLM\software\policies\microsoft\windows\currentversion\internet Queries value: settings[security_hklm_only] HKLM\software\wow6432node\microsoft\internet Queries value: explorer\main\featurecontrol\feature_http_username_password_disable[svchost.exe] Queries value: HKLM\software\wow6432node\microsoft\internet explorer\main\featurecontrol\feature_http_username_password_disable[*] HKCU\software\microsoft\internet Queries value: explorer\main\featurecontrol[feature_clientauthcertfilter] HKLM\software\wow6432node\microsoft\internet Queries value: explorer\main\featurecontrol[feature clientauthcertfilter] Queries value: HKLM\software\wow6432node\microsoft\internet explorer\main\featurecontrol\feature_mime_handling[svchost.exe] HKLM\software\wow6432node\microsoft\internet Queries value: explorer\main\featurecontrol\feature_mime_handling[*] $HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| internet$ Queries value: explorer\main\featurecontrol\feature disable unicode handle closing callback[svchost.exe] Queries value: HKLM\software\wow6432node\microsoft\internet explorer\main\featurecontrol\feature_disable_unicode_handle_closing_callback[*] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[fromcachetimeout] Queries value: HKLM\software\policies\microsoft\windows\currentversion\internet settings[secureprotocols] Queries value: HKCU\software\policies\microsoft\windows\currentversion\internet settings[secureprotocols] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[secureprotocols] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[certificaterevocation] Queries value: HKCU\software\microsoft\windows\currentversion\internet settings[disablekeepalive] $\label{lem:hkcu} \verb+KKCU\+ software\+ microsoft\+ windows\+ current version\+ internet$ Oueries value: settings[idnenabled] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[preconnectlimit] HKCU\software\microsoft\windows\currentversion\internet Queries value: settings[preresolvelimit] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[sqmhttpstreamrandomuploadpoolsize] Oueries value: HKCU\software\microsoft\windows\currentversion\internet settings[cachemode] Queries value: HKLM\software\policies\microsoft\windows\currentversion\internet settings[enablehttp1_1] HKCU\software\policies\microsoft\windows\currentversion\internet Oueries value: settings[enablehttp1_1]

HKCU\software\microsoft\windows\currentversion\internet

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

HKCU\software\policies\microsoft\windows\currentversion\internet

Queries value:

Queries value: settings[proxyhttp1.1]

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 Queries value:

settings[proxyhttp1.1]

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HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000001[packedcatalogitem]
 Oueries value:
Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000004[packedcatalogitem]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000005[packedcatalogitem]
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000006[packedcatalogitem]
 Queries value:
HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ protocol\_catalog \ catalog\_entries \ 0000000000007 \ [packed catalog item]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000008[packedcatalogitem]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000009[packedcatalogitem]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000010[packedcatalogitem]
 Oueries value:
HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace\_catalog 5 [serial\_access\_num]
```

Oueries value:

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

- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[librarypath]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[displaystring] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[providerid]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[addressfamily]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[supportednamespace]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[enabled]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[version]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[storesserviceclassinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[providerinfo]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[librarypath]
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[displaystring] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[providerid]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[addressfamily]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000002[supportednamespace] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[enabled]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000002[storesserviceclassinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[providerinfo] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[librarypath]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[displaystring]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[providerid]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[addressfamily]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[supportednamespace]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[version] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[storesserviceclassinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[providerinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[librarypath]
 Oueries value:
- $HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ names pace_catalog 5 \ catalog_entries \ 00000000000004 \ [displaystring] \ Oueries \ value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[providerid]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000004[addressfamily]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[supportednamespace] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[version]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[storesserviceclassinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[providerinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[librarypath]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[displaystring] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[providerid]
 Oueries value:

```
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000005[supported name space]]
   Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[enabled]
   Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap services \setminus ser
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[storesserviceclassinfo]
   Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[providerinfo]
   Oueries value:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog \ (catalog\_entries \ 000000000006[library path])
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[displaystring]
   Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap ameters \setminus namespace\_catalog S \setminus catalog\_entries \setminus 0000000000006[providerid]
   Queries value:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000006 \ [address family]
   Queries value:
Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[enabled]
   Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap ameters \setminus namespace\_catalog 5 \setminus catalog\_entries \setminus 0000000000006 [version]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000006[storesserviceclassinfo]
   Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap services \setminus mame space\_catalog \\ \setminus catalog\_entries \setminus 0000000000006[provider info]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[ws2_32numhandlebuckets]
                                              HKLM\software\policies\microsoft\windows\currentversion\internet
   Queries value:
settings[proxvsettingsperuser]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings[badproxyexpirestime]
                                             HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[enableautodial]
                                              HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[nonetautodial]
                                              \label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma substitution \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.
   Oueries value:
settings[globaluseroffline]
                                              HKLM\software\wow6432node\microsoft\windows\currentversion\internet
   Queries value:
settings[disablebranchcache]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings[usefirstavailable]
   Queries value:
                                             HKCU\software\microsoft\windows\currentversion\internet
settings[combinefalsestartdata]
                                             HKCU\software\microsoft\windows\currentversion\internet
   Queries value:
settings[disablefalsestartblacklist]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings[enforcep3pvaliditv]
   Queries value:
                                             HKLM\system\currentcontrolset\services\winsock\parameters[transports]
                                              HKLM\software\microsoft\windows
   Oueries value:
nt\currentversion\peerdist\service[enable]
   Queries value:
                                              HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[mapping]
   Queries value:
HKLM\svstem\currentcontrolset\services\tcpip6\parameters\winsock[mapping]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\connections[defaultconnectionsettings]
                                              HKLM\system\currentcontrolset\services\winsock\setup
   Oueries value:
migration\providers\tcpip6[winsock 2.0 provider id]
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[minsockaddrlength]
   Oueries value:
Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip6 \setminus parameters \setminus winsock [used elayed acceptance]
   Oueries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings[migrateproxy]
   Queries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings[proxyenable]
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   Oueries value:
settings[proxyserver]
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   Oueries value:
settings[proxyoverride]
   Queries value:
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settings[autoconfigurl]
                                              HKCU\software\microsoft\windows\currentversion\internet
   Oueries value:
settings[autodetect]
   Oueries value:
                                              HKCU\software\microsoft\windows\currentversion\internet
settings\connections[savedlegacysettings]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[queryadaptername]
   Oueries value:
```

Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[usedomainnamedevolution] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[usedomainnamedevolution] Oueries value: $HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [domain named evolution level]$ Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[prioritizerecorddata] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[prioritizerecorddata] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[allowunqualifiedquery] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[allowunqualifiedquery] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[appendtomultilabelname] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[screenbadtlds] Queries value: Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[screendefaultservers] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[dynamicserverqueryorder] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[filterclusterip] HKLM\system\currentcontrolset\services\dnscache\parameters[waitfornameerroronall] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[useedns] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[dnssecurenamequeryfallback] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[enabledaforallnetworks] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[directaccessqueryorder] HKLM\system\currentcontrolset\services\dnscache\parameters[queryipmatching] Oueries value: Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[addrconfigcontrol] Oueries value: Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[preferlocaloverlowerbindingdns] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[querynetbtfqdn] Queries value: Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[udprecvbuffersize] Oueries value: 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: HKLM\system\currentcontrolset\services\tcpip\parameters[enableadapterdomainnameregistration] Queries value: Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[disablereverseaddressregistrations] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registerwanadapters]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters[disablewandynamicupdate] Queries value:

HKLM\system\currentcontrolset\services\dnscache\parameters[registrationttl] Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationttl] Oueries value:

HKLM\system\currentcontrolset\services\dnscache\parameters[registrationrefreshinterval] Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationrefreshinterval] Queries value:

HKLM\system\currentcontrolset\services\dnscache\parameters[registrationmaxaddresscount] Oueries value:

HKLM\system\currentcontrolset\services\tcpip\parameters[maxnumberofaddressestoregister] Queries value:

HKLM\system\currentcontrolset\services\dnscache\parameters[updatesecuritylevel] Queries value:

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HKLM\system\currentcontrolset\services\tcpip\parameters[updatesecuritylevel]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatetopleveldomainzones]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[downcasespncauseapiowneristoolazy]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationoverwrite]
                         HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachesize]
 Oueries value:
 Oueries value:
                         HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachettl]
 Oueries value:
Queries value:
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 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[serverprioritytimelimit]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachedsockets]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enablemulticast]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastresponderflags]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsenderflags]
 Queries value:
Queries 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]
HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistration]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistrationonly]
 Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dnscache \setminus parameters [newdhcpsrvregistration]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[directaccesspreferlocal]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[disableidnencoding]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enableidnmapping]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquerytimeouts]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquerytimeouts]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquickquerytimeouts]
 Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquickquervtimeouts]
 Queries value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings[autoproxydetecttype]
                         HKLM\software\wow6432node\microsoft\windows\currentversion\internet
 Oueries value:
settings\winhttp[disablebranchcache]
 Oueries value:
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 Oueries value:
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settings[winhttplowercasehost]
                        HKLM\software\policies\microsoft\internet
 Queries value:
explorer\security[disablesecuritysettingscheck]
                         HKCU\software\microsoft\windows\currentversion\internet
 Queries value:
settings\zones\0[flags]
 Queries value:
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settings\zones\1[flags]
                         HKCU\software\microsoft\windows\currentversion\internet
 Queries value:
settings\zones\2[flags]
 Queries value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings\zones\3[flags]
 Queries value:
                         HKCU\software\microsoft\windows\currentversion\internet
settings\zones\4[flags]
                         HKCU\software\microsoft\internet
 Oueries value:
explorer\main\featurecontrol\feature_localmachine_lockdown[svchost.exe]
 Queries value:
                        HKCU\software\microsoft\internet
explorer\main\featurecontrol\feature localmachine lockdown[*]
 Queries value:
                        HKLM\software\wow6432node\microsoft\internet
explorer\main\featurecontrol\feature_localmachine_lockdown[svchost.exe]
                        HKLM\software\wow6432node\microsoft\internet
 Oueries value:
explorer\main\featurecontrol\feature_localmachine_lockdown[*]
 Queries value:
                        HKLM\software\policies\microsoft\windows\currentversion\internet
settings[createuricachesize]
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HKCU\software\policies\microsoft\windows\currentversion\internet

settings[createuricachesize] HKCU\software\microsoft\windows\currentversion\internet Oueries value: settings[createuricachesize] Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\internet settings[createuricachesize] Queries value: HKLM\software\policies\microsoft\windows\currentversion\internet settings[enablepunycode] HKCU\software\policies\microsoft\windows\currentversion\internet Oueries value: settings[enablepunycode] Queries value: HKCU\software\microsoft\windows\currentversion\internet settings[enablepunycode] Queries value: $\label{lem:hkcu} \verb+KKCU \software \microsoft \windows \current version \cite{thm:lem:hkcu} in terms to the lemma substitution \cite{thm:lem:hkcu} and \cite{thm:lem:hkcu} are \cite{thm:lem:hkcu}.$ settings\zonemap[autodetect] Queries value: HKCU\software\microsoft\windows\currentversion\internet settings\zones\3[1a10] Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\{f1b32785-6fba-4fcf-9d55-7b8e7f157091}[category] Queries value: 6fba-4fcf-9d55-7b8e7f157091}[name] Queries value: 6fba-4fcf-9d55-7b8e7f157091}[parentfolder] Queries value: $HKLM \label{lem:hklm} White the latest and the la$ 6fba-4fcf-9d55-7b8e7f157091}[description] Queries value: 6fba-4fcf-9d55-7b8e7f157091}[relativepath] Oueries value: 6fba-4fcf-9d55-7b8e7f157091}[parsingname] Queries value: 6fba-4fcf-9d55-7b8e7f157091}[infotip] Oueries value: 6fba-4fcf-9d55-7b8e7f157091}[localizedname] Queries value: 6fba-4fcf-9d55-7b8e7f157091}[icon] Oueries value: $HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \ \{f1b32785-b2785-b2786, \ b2786, \ b2$ 6fba-4fcf-9d55-7b8e7f157091}[security] Queries value:

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

Oueries value:

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

Oueries value:

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

Oueries value:

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

Oueries value:

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

Queries value:

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

Oueries value:

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

Queries value:

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

Oueries value:

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

Oueries value:

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

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

folders[local appdata]

Oueries value:

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

Queries value:

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

Oueries value:

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

Oueries value

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

Oueries value:

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

Oueries value:

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

Oueries value:

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

Oueries value:

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

Oueries value:

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

Queries value:

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

Queries value:

 $\label{thm:microsoftwindows} HKLM software \noindows \$

Queries value:

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

Queries value:

 $\label{local-continuous} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\folderdescri$

Queries value:

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

Oueries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Oueries value:

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

 $Queries\ value: \ HKLM\ software\ icrosoft\ windows\ nt\ current version\ profile list\ s-1-5-21-1923240461-1905901954-2556564120-1001\ [profile image path]$

 $\label{lem:lem:queries} Queries \ value: \\ HKCU \ software \ microsoft \ windows \ current version \ internet$

settings\5.0\cache\content[cachelimit]

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

 $HKLM\software\wow6432$ node\microsoft\windows\currentversion\explorer\folderdescriptions\{2b0f765d-c0e9-4171-908e-08a611b84ff6}[parsingname]

Queries value:

 $\label{thm:local-ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \coe9-4171-908e-08a611b84ff6 \cite{linfotip} \end{subarray} \ and \cite{linfotip} \ and \cite{linfotip} \ and \cite{linfotip} \cite{linfotip} \end{subarray}$

Queries value:

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

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

Queries value:

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

Oueries value:

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

Oueries value:

 $\label{thm:local-ham} HKLM \software \wow 6432 node \microsoft \windows \current version \explorer \folder descriptions \coe9-4171-908e-08a611b84ff6 \coe9-4171$

Oueries value:

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

Queries value:

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

Queries value:

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

Oueries value

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

Oueries value:

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

Oueries value

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

Oueries value:

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

Oueries value:

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

Queries value:

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

folders[cookies]

Queries value:

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

Queries value:

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

Queries value:

 $\label{lem:hklmsoftwarewow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cite{2.0} \end{constraints} $$Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\cite{2.0} \end{constraints} $$4565729f3d\cite{2.0} \end{constraints} $$1665729f3d\cite{2.0} \end{constraints}$

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

 $\label{lem:hklm} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6-a03a-e3ef65729f3d\}[localized name]}$

Queries value:

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

Queries value:

 $\label{local-prop} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folderdescriptions\{3eb685db-65f9-4cf6-a03a-e3ef65729f3d}\[security]$

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

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

Oueries value:

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

Oueries value:

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

Queries value:

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

Oueries value

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

Queries value: HKCU\softwar

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

folders[appdata]

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

settings\5.0\cache\cookies[cachelimit]

Queries value:

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

Queries value:

Queries value:

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

Queries value:

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

Oueries value:

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

Queries value:

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

Oueries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

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

Queries value:

 $\label{lem:hklmsoftwarewow6432node} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\del{hklmsoftware} \del{hklmsoftware} highest label{hklmsoftware} \del{hklmsoftware} Hklm\software\wow6432node\microsoft\windows\currentversion\explorer\folderdescriptions\del{hklmsoftware} \del{hklmsoftware} \del{hklmsoftware} \del{hklmsoftware} \del{hklmsoftware} \del{hklmsoftware} \del{hklmsoftware} Hklm\software\del{hklmsoftware} \del{hklmsoftware} \del{hklm$

Queries value:

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

Queries value:

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

Oueries value:

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

Queries value:

 $\label{lem:hklm} HKLM\software\wow6432 node\microsoft\windows\currentversion\explorer\folder descriptions\folder b784-432e-a781-5a1130a75963\folder b784-432e-a781-5a1130a75963\folder b784-432e-a781-5a1130a75963\folder b784-432e-a781-5a1130a75963\folder b784-432e-a781-5a1130a75963\folder b784-432e-a781-5a1130a75963\folder b784-432e-a781-5a1130a75963\folder b784-432e-a781-5a1130a75963\folder$

Queries value:

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

Queries value:

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

Queries value:

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

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

folders[history]

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

settings\5.0\cache\history[cachelimit]

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

Queries value: HKLM\software\microsoft\ole\appcompat[raisedefaultauthnlevel]

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

Oueries value: HKLM\system\currentcontrolset\control\lsa[everyoneincludesanonymous]

Queries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ cryptography \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \ strong \ cryptographic \ defaults \ provider \ microsoft \$ provider[type]

Queries value:

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

provider[image path]

Queries value: HKLM\software\policies\microsoft\cryptography[privkeycachemaxitems]

Oueries value:

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

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

HKLM\software\microsoft\cryptography[machineguid] Oueries value: Queries value: HKCR\wow6432node\interface\{00000134-0000-0000-c000-

000000000046}\proxystubclsid32[]

HKCR\wow6432node\interface\{a168aadc-1674-49da-ad4f-Oueries value:

4f27df8760d0}\proxystubclsid32[]

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

Queries value: HKCR\wow6432node\clsid\{057eee47-2572-4aa1-88d7-60ce2149e33c}[]

Queries value: HKCR\wow6432node\clsid\{057eee47-2572-4aa1-88d7-

60ce2149e33c}\inprocserver32[inprocserver32]

HKCR\wow6432node\clsid\{057eee47-2572-4aa1-88d7-Oueries value:

60ce2149e33c}\inprocserver32[]

HKCR\wow6432node\clsid\{057eee47-2572-4aa1-88d7-Queries value:

60ce2149e33c}\inprocserver32[threadingmodel]

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

Queries value: HKU\.default\software\microsoft\windows\currentversion\explorer\user

shell folders[local appdata]

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

migration\providers\tcpip[winsock 2.0 provider id]

Queries value:

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

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[maxsockaddrlength]

HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[usedelayedacceptance]

Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[hostname] HKLM\system\currentcontrolset\services\tcpip\parameters[domain] Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters[autodialdll] Queries value:

Oueries value:

HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[searchlist]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[enabledhcp]

Queries value:

 $HKLM \ system \ current control set \ services \ tcpip \ parameters \ interfaces \ \{b5105d63-74c6-4dc1-87b7-40c1-87b7-87b7-40c1-87b7-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-8$ 55779daa70e9}[registrationenabled]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[registeradaptername]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[domain]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[dhcpdomain]

Oueries value:

HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[dhcpv6domain]

Oueries value:

HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[nameserver]

Oueries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[nameserver]

Queries value:

 $HKLM \ system \ current control set \ services \ tcpip \ parameters \ interfaces \ \{b5105d63-74c6-4dc1-87b7-40c1-87b7-87b7-40c1-87b7-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-8$ 55779daa70e9}[dhcpnameserver]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[registrationenabled]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[registeradaptername]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[domain]

Oueries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[dhcpdomain]

```
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[nameserver]
 Oueries value:
806e6f6e6963}[dhcpnameserver]
 Queries value:
               HKLM\system\currentcontrolset\services\tcpip\linkage[bind]
55779daa70e9}[queryadaptername]
```

Oueries value:

55779daa70e9}[disableadapterdomainname] Queries value:

55779daa70e9}[registrationmaxaddresscount]

Oueries value:

55779daa70e9}[maxnumberofaddressestoregister]

Queries value:

55779daa70e9}[enablemulticast]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[queryadaptername]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[disableadapterdomainname]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[disabledynamicupdate]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[enableadapterdomainnameregistration]

Queries value:

806e6f6e6963}[registrationmaxaddresscount]

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[maxnumberofaddressestoregister]

Queries value:

806e6f6e6963}[enablemulticast]

HKLM\system\currentcontrolset\services\tcpip\parameters[searchlist] Oueries value: HKLM\system\currentcontrolset\services\crypt32[debugheapflags] Queries value: Queries value: HKLM\system\currentcontrolset\services\crypt32[diaglevel] Queries value: HKLM\system\currentcontrolset\services\crypt32[diagmatchanymask]

Oueries value:

HKLM\system\currentcontrolset\control\securityproviders[securityproviders]

HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[name] Oueries value: Queries value: HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[comment] Oueries value:

HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[capabilities]

 $HKLM \setminus system \setminus current control \setminus lsa \setminus sspicache \setminus credssp.dll[rpcid]$ Queries value: HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[version] Queries value: Oueries value: HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[type]

Queries value:

HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[tokensize]

Oueries value:

HKLM\system\currentcontrolset\control\securityproviders\schannel[usercontextlockcount]

Queries value:

HKLM\system\currentcontrolset\control\securityproviders\schannel[usercontextlistcount]

Oueries value:

HKLM\software\wow6432node\microsoft\cryptography\providers\trust\certificate\{573e31f8-aaba-11d0-8ccb-00c04fc295ee}[\$dl1]

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ cryptography \ providers \ trust \ certificate \ \{573e31f8-aaba-11d0-microsoft\} \ cryptography \ builded \ b$ 8ccb-00c04fc295ee}[\$function]

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ cryptography \ providers \ trust \ final policy \ 573e31f8-aaba-11d0-day \ final policy \ 657e31f8-aaba-11d0-day \ final policy \ final policy$ 8ccb-00c04fc295ee}[\$dll1

Oueries value:

 $HKLM \ software \ wow 6432 node \ microsoft \ cryptography \ providers \ trust \ final policy \ \{573e31f8-aaba-11d0-ab$ 8ccb-00c04fc295ee}[\$function]

Queries value:

 $HKLM \label{lem:hklm} White the latest and the la$ 11d0-8ccb-00c04fc295ee}[\$dll1

Queries value:

11d0-8ccb-00c04fc295ee}[\$function]

Oueries value:

 $HKLM \ software \ wow 6432 node \ icrosoft \ cryptography \ providers \ trust \ message \ \{573e31f8-aaba-11d0-day \ node \ nod$ 8ccb-00c04fc295ee}[\$dl1]

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