Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 3328, Task ID: 821

Task ID: 821 Risk Level: 7

Date Processed: 2016-05-18 10:42:12 (UTC)

Processing Time: 62.29 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\6ff8b3dc9a34dc40e47ff4c3444c8241.exe"

Sample ID: 3328 Type: basic Owner: admin

Label: 6ff8b3dc9a34dc40e47ff4c3444c8241

Date Added: 2016-05-18 10:30:51 (UTC)
File Type: PE32:win32:gui

File Type: PE32:win32:gui File Size: 394240 bytes

MD5: 6ff8b3dc9a34dc40e47ff4c3444c8241

SHA256: 22dd9934836541b81983ef5ed7abb4d82edd6afcdc272f027f8bffb41145fac9

Description: None

Pattern Matching Results

Modifies registry autorun entries

2 PE: Nonstandard section

5 Installs service

7 Disables system restore5 Adds autostart object

5 PE: Contains compressed section

3 Long sleep detected

Static Events

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

Process/Thread Events

Creates process: C:\windows\temp\6ff8b3dc9a34dc40e47ff4c3444c8241.exe

["C:\windows\temp\6ff8b3dc9a34dc40e47ff4c3444c8241.exe"]

Named Object Events

Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex

Creates mutex: \Sessions\1\BaseNamedObjects\40D10558713B95C1000040D0C48C9AAF

Creates mutex: \Sessions\1\BaseNamedObjects\CicLoadWinStaWinSta0

Creates mutex: \Sessions\1\BaseNamedObjects\MSCTF.CtfMonitorInstMutexDefault1
Creates event: \BaseNamedObjects\SvcctrlStartEvent_A3752DX

Creates event: \Security\LSA_AUTHENTICATION_INITIALIZED
Creates event: \KernelObjects\MaximumCommitCondition

Creates event: \Sessions\1\BaseNamedObjects\MSCTF.CtfActivated.Default1

File System Events

Creates:

C:\ProgramData\40D10558713B95C1000040D0C48C9AAF\40D10558713B95C1000040D0C48C9AAF

Creates: C:\ProgramData\40D10558713B95C1000040D0C48C9AAF

Creates:

C:\ProgramData\40D10558713B95C1000040D0C48C9AAF\40D10558713B95C1000040D0C48C9AAF.exe

Creates:

Opens:

Opens: C:\Windows\System32

Opens: C:\windows\temp\6ff8b3dc9a34dc40e47ff4c3444c8241.exe.Local\

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

controls_6595b64144ccf1df_5.82.7601.17514_none_ec83dffa859149af\comctl32.dll

Opens: C:\Windows\System32\sechost.dl1
Opens: C:\Windows\System32\imm32.dl1
Opens: C:\Windows\System32\activeds.dl1

Opens: C:\Windows\Temp\6ff8b3dc9a34dc40e47ff4c3444c8241.exe

C:\Windows\System32\winhttp.dll

Opens: C:\windows\temp\VERSION.dll Opens: C:\Windows\System32\version.dll Opens: C:\windows\temp\MSIMG32.dll C:\Windows\System32\msimg32.dll Opens: Opens: C:\windows\temp\Secur32.dll C:\Windows\System32\secur32.dll Opens: C:\windows\temp\SSPICLI.DLL Opens: Opens: C:\Windows\System32\sspicli.dll C:\windows\temp\WINHTTP.dll Opens:

Opens: C:\windows\temp\webio.dll

C:\Windows\System32\webio.dll Opens: Opens: C:\Windows\System32\rpcss.dll C:\windows\temp\CRYPTBASE.dll Opens: Opens: C:\Windows\System32\cryptbase.dll Opens: C:\Windows\System32\uxtheme.dll Opens: C:\ Opens: C:\windows\temp\profapi.dll C:\Windows\System32\profapi.dll Opens: Opens: C:\ProgramData\40D10558713B95C1000040D0C48C9AAF\40D10558713B95C1000040D0C48C9AAF Opens: C:\ProgramData C:\Windows\Globalization\Sorting\SortDefault.nls Opens: Opens: C:\Windows\System32\en-US\KernelBase.dll.mui Opens: C:\windows\temp\cryptsp.dll Opens: C:\Windows\System32\cryptsp.dll

C:\windows\temp\credssp.dll Opens: Opens: C:\Windows\System32\credssp.dll Opens: C:\Windows\System32\mswsock.dll Opens: C:\Windows\System32\wshqos.dll C:\windows\temp\wshtcpip.DLL Opens: Opens: C:\Windows\System32\WSHTCPIP.DLL Opens: C:\windows\temp\wship6.dll Opens: C:\Windows\System32\wship6.dll

Opens: C:\windows\temp\DNSAPI.dll
Opens: C:\Windows\System32\dnsapi.dll
Opens: C:\windows\temp\6ff8b3dc9a34dc40e47ff4c3444c8241.exe

Opens: C:\windows\temp\CRYPTSP.dll
Opens: C:\Windows\System32\rsaenh.dll
Opens: C:\windows\temp\RpcRtRemote.dll

Opens:

C:\ProgramData\40D10558713B95C1000040D0C48C9AAF\40D10558713B95C1000040D0C48C9AAF.exe

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

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

Opens: C:\Windows\Fonts\arial.ttf
Opens: C:\windows\temp\dwmapi.dll
Opens: C:\Windows\System32\dwmapi.dll
Opens: C:\Windows\system32\uxtheme.dll.Config

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

controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2

Opens: C:\Windows\winsxs\x86_microsoft.windows.common-controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2\comctl32.dll

C:\ProgramData\40D10558713B95C1000040D0C48C9AAF\40D10558713B95C1000040D0C48C9AAF.exe

Writes to:

C:\ProgramData\40D10558713B95C1000040D0C48C9AAF\40D10558713B95C1000040D0C48C9AAF

Writes to:

 ${\tt C: \ProgramData \40D10558713B95C1000040D0C48C9AAF \40D10558713B95C1000040D0C48C9AAF. iconto a constraint of the con$

Reads from: C:\Windows\System32\activeds.dll

Reads from: C:\Windows\Temp\6ff8b3dc9a34dc40e47ff4c3444c8241.exe

Reads from: C:\Windows\System32\ieframe.dll
Reads from: C:\Windows\System32\stdole2.tlb

Network Events

Connects to: 175.41.29.181:80 Sends data to: 175.41.29.181:80

Windows Registry Events

Creates key: HKLM\software\microsoft\security center
Creates key: HKLM\software\microsoft\security center\svc

Creates key: HKLM\software

Creates key: HKLM\software\microsoft

 $\label{lem:control} Creates \ key: \\ HKLM\system\current controlset\services\tcpip\parameters$

Creates key: HKCU\software\microsoft\windows\currentversion\policies\explorer

Creates key: HKLM\system\currentcontrolset\services\luafv

Creates key: HKLM\software\microsoft\windows defender

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

 Opens key:
 HKLM\system\currentcontrolset\control\session manager

 Opens key:
 HKLM\system\currentcontrolset\control\terminal server

 Opens key:
 HKLM\system\currentcontrolset\control\safeboot\option

 Opens key:
 HKLM\system\currentcontrolset\control\srp\gp\dll

```
Opens key:
                     HKLM\software\policies\microsoft\windows\safer\codeidentifiers
 Opens key:
                     HKCU\software\policies\microsoft\windows\safer\codeidentifiers
 Opens key:
                     HKCU\
                     HKCU\control panel\desktop\muicached\machinelanguageconfiguration
 Opens key:
 Opens key:
                     HKLM\software\policies\microsoft\mui\settings
 Opens key:
                     HKCU\software\policies\microsoft\control panel\desktop
                     HKCU\control panel\desktop\languageconfiguration
 Opens key:
                     HKCU\control panel\desktop
 Opens key:
                     {\it HKCU\control panel\desktop\muicached}
 Opens key:
 Opens key:
                     HKLM\software\microsoft\windows\currentversion\sidebyside
 Opens kev:
Opens key:
                     HKLM\system\currentcontrolset\control\nls\sorting\versions
                     HKLM\
 Opens key:
 Opens key:
                     HKLM\system\currentcontrolset\services\crypt32
 Opens key:
                     HKLM\system\currentcontrolset\control\error message instrument\
                     HKLM\system\currentcontrolset\control\error message instrument
 Opens kev:
 Opens key:
                     HKLM\software\microsoft\windows nt\currentversion\gre_initialize
 Opens key:
                     HKLM\software\microsoft\windows nt\currentversion\compatibility32
 Opens key:
                     HKLM\software\microsoft\windows nt\currentversion\ime compatibility
 Opens key:
                     HKLM\software\microsoft\windows nt\currentversion\windows
 Opens key:
                     HKLM\software\microsoft\windows nt\currentversion\diagnostics
 Opens key:
                     HKLM\software\microsoft\ole
 Opens key:
                     HKLM\software\microsoft\ole\tracing
 Opens key:
                     HKLM\software\microsoft\oleaut
                     HKLM\software\microsoft\rpc
 Opens key:
 Opens key:
                     HKLM\system\currentcontrolset\control\computername\activecomputername
 Opens key:
                     HKLM\system\setup
                     HKLM\software\policies\microsoft\windows nt\rpc
 Opens key:
 Opens key:
                     HKLM\software\policies\microsoft\sqmclient\windows
 Opens key:
                     HKLM\software\microsoft\sqmclient\windows
 Opens key:
                     HKLM\system\currentcontrolset\control\sqmservicelist
 Opens key:
HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions
 Opens kev:
a9dd-070d1d495d97}
 Opens key:
a9dd-070d1d495d97}\propertybag
 Opens key:
                     \label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ windows nt\+ current version\+ profile list
 Opens key:
                     HKLM\system\currentcontrolset\control\nls\customlocale
 Opens key:
                     HKLM\system\currentcontrolset\control\nls\extendedlocale
 Opens key:
                     HKLM\software\microsoft\internet explorer
 Opens key:
                     HKLM\software\microsoft\windows\currentversion\internet
settings\winhttp\tracing
                     \label{lem:hklm} \verb+Kklm \+ software \+ microsoft \+ windows \+ current version \+ internet settings
 Opens key:
 Opens key:
                     HKLM\software\microsoft\windows\currentversion\internet settings\winhttp
 Opens kev:
                     HKLM\svstem\currentcontrolset\services\winsock2\parameters
 Opens key:
                     HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog
 Opens kev:
HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\30f56ab0
 Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9
 Opens kev:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\00000019
 Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries
 Opens key:
Opens key:
Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000003
 Opens key:
Opens key:
Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000006
```

 $\label{local-catalog} HKLM \system \current controls et \envices \winsock 2 \parameters \protocol_catalog \parameters \param$

Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000010

Opens kev:

 $\label{local-protocol} HKL\dot{M}\syst\-em\current controlset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000011\\ Opens\-key:$

 $\label{lem:hklmsystem} HKLM \system \col_catalog 9 \catalog_entries \colong 000000000012 \colong key:$

```
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ protocol\_catalog \ (catalog\_entries \ 0000000000013) \ (catalog\_entries \ (catalog \ (catalog\_entries \ (catalog \ (cata
    Opens key:
HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ protocol\_catalog\_entries \ 000000000014
    Opens key:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ protocol\_catalog \ (catalog\_entries \ 000000000015) \ (catalog\_entries \ (catalog \ (catalog\_entries \ (catalog \ (catal
    Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000016
   Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000017
    Opens key:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ protocol\_catalog \ (catalog\_entries \ 000000000018) \ (catalog\_entries \ (catalog \ (catalog\_entries \ (catalog \ (catal
    Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5
   Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\0000000c
    Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries
    Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001
    Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000000
    Opens key:
Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000004
    Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000005
    Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006
    Opens key:
                                                           HKLM\system\currentcontrolset\control\cmf\config
    Opens key:
                                                           HKLM\system\currentcontrolset\control\lsaextensionconfig\sspicli
                                                          HKLM\system\currentcontrolset\control\securityproviders
    Opens key:
    Opens key:
                                                           HKLM\system\currentcontrolset\control\lsa\sspicache
    Opens key:
                                                           HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll
                                                          HKLM\system\currentcontrolset\control\securityproviders\saslprofiles
    Opens key:
    Opens key:
                                                           HKLM\software\microsoft\windows\currentversion\internet
settings\connections
                                                           HKLM\system\currentcontrolset\services\winsock\parameters
    Opens key:
    Opens key:
                                                           HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock
    Opens key:
                                                           HKLM\system\currentcontrolset\services\psched\parameters\winsock
                                                           \label{lem:hklm} \verb+KLM\system\currentcontrolset\services\winsock\setup migration\providers
    Opens key:
    Opens key:
                                                          HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\psched
                                                          HKLM\system\currentcontrolset\services\dnscache\parameters
    Opens key:
    Opens key:
                                                           HKLM\software\policies\microsoft\windows nt\dnsclient
    Opens key:
                                                           HKLM\system\currentcontrolset\services\dns
                                                          HKLM\software\policies\microsoft\windows nt\dnsclient\dnspolicyconfig
    Opens key:
    Opens key:
HKLM\system\currentcontrolset\services\dnscache\parameters\dnspolicyconfig
                                                          \label{thm:local} \verb|HKLM\| system \land current control set \land services \land tcpip \land parameters \land winsock \\
    Opens key:
    Opens key:
                                                          HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\tcpip
                                                          HKCU\software\classes\
    Opens key:
    Opens key:
                                                           HKLM\software\microsoft\com3
    Opens key:
                                                           HKCU\software\classes\clsid\{9ba05972-f6a8-11cf-a442-00a0c90a8f39}
                                                           HKCR\clsid\{9ba05972-f6a8-11cf-a442-00a0c90a8f39\}
    Opens key:
                                                           HKCU\software\classes\clsid\{9ba05972-f6a8-11cf-a442-
    Opens key:
00a0c90a8f39}\treatas
                                                           HKCR\clsid\{9ba05972-f6a8-11cf-a442-00a0c90a8f39}\treatas
    Opens key:
    Opens key:
                                                           HKCU\software\classes\clsid\{9ba05972-f6a8-11cf-a442-
00a0c90a8f39}\progid
    Opens key:
                                                           HKCR\clsid\{9ba05972-f6a8-11cf-a442-00a0c90a8f39}\progid
    Opens key:
                                                           HKCU\software\classes\clsid\{9ba05972-f6a8-11cf-a442-
00a0c90a8f39}\inprocserver32
                                                           HKCR\clsid\{9ba05972-f6a8-11cf-a442-00a0c90a8f39}\inprocserver32
    Opens key:
    Opens key:
                                                           HKCU\software\classes\clsid\{9ba05972-f6a8-11cf-a442-
00a0c90a8f39}\inprochandler32
                                                          HKCR\clsid\{9ba05972-f6a8-11cf-a442-00a0c90a8f39}\inprochandler 32
    Opens key:
    Opens key:
                                                           HKCU\software\classes\clsid\{9ba05972-f6a8-11cf-a442-
00a0c90a8f39}\inprochandler
                                                           HKCR\clsid\{9ba05972-f6a8-11cf-a442-00a0c90a8f39}\inprochandler
    Opens key:
    Opens key:
                                                           HKCU\software\classes\appid\6ff8b3dc9a34dc40e47ff4c3444c8241.exe
    Opens key:
                                                           HKCR\appid\6ff8b3dc9a34dc40e47ff4c3444c8241.exe
    Opens key:
                                                           HKLM\software\microsoft\ole\appcompat
    Opens key:
                                                           HKLM\system\currentcontrolset\control\lsa
    Opens key:
                                                           HKLM\software\microsoft\cryptography\defaults\provider\microsoft strong
cryptographic provider
                                                           HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy
    Opens key:
    Opens key:
```

HKLM\system\currentcontrolset\policies\microsoft\cryptography\configuration

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

Opens key: HKLM\software\microsoft\cryptography

Opens key: HKLM\software\microsoft\cryptography

 $Opens\;key: \\ \qquad \qquad \mathsf{HKLM} \backslash \mathsf{software} \backslash \mathsf{microsoft} \backslash \mathsf{cryptography} \backslash \mathsf{offload}$

```
Opens key: HKCU\software\classes\interface\{00000134-0000-0000-c000-00000000046}
```

 Opens key:
 HKCR\interface\{00000134-0000-0000-0000000000046}\

 Opens key:
 HKCU\software\classes\interface\{00000134-0000-0000-c000

00000000046}\proxystubclsid32

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

Opens key: HKLM\software\microsoft\rpc\extensions
Opens key: HKLM\system\currentcontrolset\services\bfe

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

Opens key: HKCU\software\classes\interface\{85cb6900-4d95-11cf-960c-0080c7f4ee85}

Opens key: HKCR\interface\{85cb6900-4d95-11cf-960c-0080c7f4ee85}
Opens key: HKCU\software\classes\interface\{85cb6900-4d95-11cf-960c-

0080c7f4ee85}\proxystubclsid32

Opens key: HKCR\interface\{85cb6900-4d95-11cf-960c-0080c7f4ee85}\proxystubclsid32 Opens key: HKCU\software\classes\clsid\{00020424-0000-0000-0000-00000000046}

Opens key: HKCR\clsid\{00020424-0000-0000-c000-00000000046} Opens key: HKCU\software\classes\clsid\{00020424-0000-0000-c000-

000000000046}\treatas

Opens key: HKCR\clsid\{00020424-0000-0000-c000-0000000046}\treatas Opens key: HKCU\software\classes\clsid\{00020424-0000-0000-c000-

000000000046}\progid

000000000046}\inprocserver32

Opens key: HKCR\clsid\{00020424-0000-0000-c000-00000000046}\inprocserver32

Opens key: HKCU\software\classes\clsid\{00020424-0000-0000-c000-

00000000046}\inprochandler32

Opens key: HKCR\clsid\{00020424-0000-0000-c000-00000000046}\inprochandler32

Opens key: HKCU\software\classes\clsid\{00020424-0000-0000-c000-

00000000046}\inprochandler

 Opens key:
 HKCR\clsid\{00020424-0000-0000-c000-00000000046}\inprochandler

 Opens key:
 HKCU\software\classes\interface\{85cb6900-4d95-11cf-960c

0080c7f4ee85}\forward

 Opens key:
 HKCR\interface\{85cb6900-4d95-11cf-960c-0080c7f4ee85}\forward

 Opens key:
 HKCU\software\classes\interface\{85cb6900-4d95-11cf-960c

0080c7f4ee85}\typelib

 $\label{lem:continuous} Opens \; key: & HKCR\interface \{85cb6900-4d95-11cf-960c-0080c7f4ee85\} \\ Opens \; key: & HKCU\software \classes \typelib \{eab22ac0-30c1-11cf-a7eb-0000c05bae0b\} \\ \end{tabular}$

Opens key: HKCR\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}

Opens key: HKCU\software\classes\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\1.1

Opens key: $\label{local-condition} \begin{array}{lll} \mbox{ HKCR\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\{1.1} \\ \mbox{ Opens key:} & \mbox{ HKCU\software\classes\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\{1.1} \\ \mbox{ HKCU\software\classes\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\{1.1} \\ \mbox{ HKCU\software\classes\class$

0000c05bae0b}\1.1\0

Opens key: HKCR\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\1.1\0 Opens key: HKCU\software\classes\typelib\{eab22ac0-30c1-11cf-a7eb-

0000c05bae0b}\1.1\0\win32

Opens key: $\label{lem:hkcrtypelib} $$ HKCR\typelib\\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\\1.1\\0\\win32$

Opens key: HKCU\software\classes\typelib

Opens key: HKCR\typelib

Opens key: HKCU\software\classes\typelib\{00020430-0000-0000-0000-00000000046}

Opens key: HKCR\typelib\{00020430-0000-0000-c000-000000000046}

Opens key: HKCU\software\classes\typelib\{00020430-0000-0000-0000-00000000046}\2.0

Opens key: HKCR\typelib\{00020430-0000-0000-00000000000046}\2.0 Opens key: HKCU\software\classes\typelib\{00020430-0000-0000-c000-

000000000046}\2.0\0

Opens key: HKCR\typelib\{00020430-0000-0000-0000000000046}\2.0\0
Opens key: HKCU\software\classes\typelib\{00020430-0000-0000-c000-

00000000046}\2.0\0\win32

Opens key: HKCR\typelib\{00020430-0000-0000-0000-00000000046}\2.0\0\win32
Opens key: HKCU\software\classes\interface\{00020400-0000-0000-0000-00000000046}

 $000000000046 \} \ proxystubcl sid 32$

Opens key: HKCR\interface\{00020400-0000-0000-000000000046}\proxystubclsid32 Opens key: HKCU\software\classes\clsid\{00020420-0000-0000-0000-000000000046}\

Opens key: HKCR\clsid\{00020420-0000-0000-000000000046} Opens key: HKCU\software\classes\clsid\{00020420-0000-0000-c000-

000000000046}\treatas

000000000046}\progid

00000000046}\inprocserver32

Opens key: HKCR\clsid\{00020420-0000-0000-c000-00000000046}\inprocserver32

Opens key: HKCU\software\classes\clsid\{00020420-0000-0000-c000-

 $000000000046 \} \verb|\inprochandler32|$

Opens key: HKCR\clsid\{00020420-0000-0000-0000-00000000046}\inprochandler32

Opens key: HKCU\software\classes\clsid\{00020420-0000-0000-c000-

00000000046}\inprochandler

 Opens key:
 HKCR\clsid\{00020420-0000-0000-0000-000000000046}\inprochandler

 Opens key:
 HKCU\software\classes\interface\{b196b284-bab4-101a-b69c-00aa00341d07}

Opens key: HKCR\interface\{b196b284-bab4-101a-b69c-00aa00341d07}

```
Opens key: HKCU\software\classes\interface\{b196b284-bab4-101a-b69c-00aa00341d07}\proxystubclsid32
Opens key: HKCR\interface\{b196b284-bab4-101a-b69c-00aa00341d07}\proxystubclsid32
Opens key: HKCU\software\classes\interface\{b196b286-bab4-101a-b69c-00aa00341d07}
```

Opens key: HKCR\interface\{b196b286-bab4-101a-b69c-00aa00341d07}
Opens key: HKCU\software\classes\interface\{b196b286-bab4-101a-b69c-00aa00341d07}

00aa00341d07}\proxystubclsid32

Opens key: HKCR\interface\{b196b286-bab4-101a-b69c-00aa00341d07}\proxystubclsid32

Opens key: HKLM\software\microsoft\windows\windows error reporting\wmr

Opens key:

Opens key: HKLM\software\microsoft\ctf\

Opens key: HKLM\software\microsoft\ctf\knownclasses

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

 $Opens\;key: \\ \qquad \qquad HKLM\system\currentcontrolset\control\nls\locale\alternate\;sorts$

Opens key: HKLM\system\currentcontrolset\control\nls\language groups
Opens key: HKCU\software\microsoft\windows\currentversion\explorer\advanced
Opens key: HKLM\software\microsoft\windows nt\currentversion\fontsubstitutes
Opens key: HKCU\software\classes\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}

00c04fd705a2}\treatas

00c04fd705a2}\progid

 $\label{lem:continuous} Opens \ key: $$ HKCR\clsid_{8856f961-340a-11d0-a96b-00c04fd705a2} \operatorname{Progid} Opens \ key: $$ HKCU\software\classes\clsid_{8856f961-340a-11d0-a96b-} $$$

00c04fd705a2}\inprocserver32

Opens key: HKCR\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\inprocserver32

Opens key: HKCU\software\classes\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprochandler32

Opens key: HKCR\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\inprochandler32

Opens key: HKCU\software\classes\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprochandler

Opens key: HKCR\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\inprochandler

Queries value: HKLM\system\currentcontrolset\control\session

manager[cwdillegalindllsearch]

Queries value: HKLM\system\currentcontrol\terminal server[tsappcompat]
Queries value: HKLM\system\currentcontrol\terminal server[tsuserenabled]

Queries value:

 $HKLM \setminus software \setminus policies \setminus microsoft \setminus windows \setminus safer \setminus code identifiers [transparentenabled]$

Queries value: HKCU\control panel\desktop[preferreduilanguages]

 $Queries\ value: \\ \qquad \qquad \text{HKCU} \\ \\ control\ panel \\ \\ \text{desktop} \\ \\ \text{muicached} \\ \\ [\text{machinepreferreduilanguages}]$

Queries value:

HKLM\software\microsoft\windows\currentversion\sidebyside[preferexternalmanifest]

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

Oueries value: HKLM\system\currentcontrolset\services\crypt32[debugheapflags]

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

Queries value: HKLM\software\microsoft\windows nt\currentversion\gre_initialize[disablemetafiles]
Queries value: HKLM\software\microsoft\windows

nt\currentversion\compatibility32[6ff8b3dc9a34dc40e47ff4c3444c8241]

Queries value: HKLM\software\microsoft\windows

nt\currentversion\windows[loadappinit_dlls]

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

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

Queries value:

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

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

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

Queries value: HKLM\system\currentcontrolset\control\sqmservicelist[sqmservicelist]

Queries value:

 $\label{lem:hklm} HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\}[category]} \\$

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ explorer \ folder descriptions \ \{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} \ [name]$

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} \ [parent folder]$

Queries value:

 $\label{lem:hklmsoftware} HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\folderdescriptions\folderdescriptions\folderdescription\folderdescriptio$

Queries value:

 $\label{lem:hklmsoftware} HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\}[relativepath]}$

Queries value:

 $\label{lem:hklmsoftware} HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\}[parsingname]}$

Oueries value:

 $\label{lem:hklmsoftware} HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\}[infotip]}$

Queries value:

 $HKLM \ software \ `microsoft \ 'windows \ 'current version \ 'explorer \ 'folder descriptions \ '\{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} [localized name]$

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} \ [icon]$

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} \ [security]$

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} \ [stream resource]$

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} \ [stream resource type]$

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} \ [local redirectonly]$

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ (62ab5d82-fdc1-4dc3-a9dd-070d1d495d97) \ [roamable]$

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ (62ab5d82-fdc1-4dc3-a9dd-070d1d495d97) \ [precreate]$

Queries value:

Oueries value:

 $\label{lem:hklm} HKLM\software\microsoft\windows\currentversion\explorer\folderdescriptions\{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\}[publishexpandedpath]}$

Queries value:

 $HKLM \ software \ microsoft \ windows \ current version \ (62ab5d82-fdc1-4dc3-a9dd-070d1d495d97) \ [attributes]$

Oueries value:

 $HKLM \ software \ microsoft \ windows \ current version \ \ explorer \ folder descriptions \ \ \{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} \ [folder type id]$

Queries value:

 $HKLM \ software \ `microsoft \ 'explorer \ 'folder descriptions \ '\{62ab5d82-fdc1-4dc3-a9dd-070d1d495d97\} [initfolder \ handler]$

Queries value: HKLM\software\microsoft\windows

nt\currentversion\profilelist[programdata]

Queries value: HKLM\system\currentcontrol\s\customlocale[en-us] Queries value: HKLM\system\currentcontrol\set\control\nls\extendedlocale[en-us]

Queries value: HKLM\software\microsoft\internet explorer[version]
Queries value: HKLM\software\microsoft\windows\currentversion\internet settings\winhttp\tracing[enabled]

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

settings\winhttp[disablebranchcache]

Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters[winsock_registry_version]

Queries value:

 $HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \setminus parameters [namespace_callout]$

Oueries value:

Queries value:

Queries value:

Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000001[packedcatalogitem]
 Queries value:

 $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ protocol_catalog9 \ catalog_entries \ 000000000000002 \ [packed catalog item] \ Queries \ value:$

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000003[packedcatalogitem]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000004[packedcatalogitem]

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000005[packedcatalogitem] Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000006[packedcatalogitem]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000007[packedcatalogitem]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000008[packedcatalogitem]
 Queries 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\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000011[packedcatalogitem]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000012[packedcatalogitem]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000013[packedcatalogitem] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000014[packedcatalogitem] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000015[packedcatalogitem]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000016[packedcatalogitem] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000017[packedcatalogitem]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000018[packedcatalogitem]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[serial_access_num]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[num_catalog_entries]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[librarypath]
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[displaystring] Queries value:
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space_catalog \ services \ value:$
- $HKLM \system \current control set \services \winsock 2 \parameters \names pace_catalog5 \catalog_entries \names family] \\ Queries value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[supportednamespace]

 Queries value:
- $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace_catalog5 \ catalog_entries \ 000000000001 \ [enabled] \ Queries \ value:$
- $\label{lem:hklmsystem} HKLM \system \current controls et \services \winsock 2 \parameters \names pace_catalog \catalog_entries \names \names \parameters \names \names \parameters \names \names \parameters \names \name$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[storesserviceclassinfo]
 Queries value:
- $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace_catalog \ \ catalog_entries \ \ 0000000000001[provider info] \ Queries \ value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[librarypath]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[displaystring]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[providerid]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[addressfamily]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000002[supportednamespace]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[version]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[storesserviceclassinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[providerinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[librarypath]
 Oueries value:
- $HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ names pace_catalog 5 \ catalog_entries \ 00000000000003 \ [displaystring] \ Oueries \ value:$
- 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\000000000003[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[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\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[displaystring] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[providerid]
 Oueries value:

```
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap amespace\_catalog 5 \setminus catalog\_entries \setminus 0000000000004 [supported namespace]
   Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap ameters \setminus namespace\_catalog 5 \setminus catalog\_entries \setminus 0000000000004 [enabled]
   Queries value:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ namespace\_catalog 5 \ (catalog\_entries \ 0000000000004 \ [version]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[storesserviceclassinfo]
   Oueries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap ameters \setminus namespace\_catalog 5 \setminus catalog\_entries \setminus 0000000000004 [provider info]
   Oueries value:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog5 \ (catalog\_entries \ 000000000005[library path])
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[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 0000000000005[providerid]
   Queries value:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000005 \ [address family]
   Queries value:
Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[enabled]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[version]
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[storesserviceclassinfo]
   Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap services \setminus catalog \le ca
   Queries value:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog5 \ (catalog\_entries \ 000000000006 [library path]
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000006[displaystring]
   Queries 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:
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 [enabled]
   Queries value:
HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ namespace\_catalog \ set alog\_entries \ (0000000000006 \ [version]) \ details \ 
HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ names pace\_catalog5 \ catalog\_entries \ 10000000000006 \ [storesservice classinfo]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000006[providerinfo]
   Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \setminus parameters [ws 2\_32 numhandle buckets]
HKLM\system\currentcontrolset\services\winsock2\parameters[ws2 32spincount]
   Queries value:
                                                HKLM\system\currentcontrolset\control\cmf\config[system]
   Oueries value:
Queries value:
Oueries value:
HKLM\system\currentcontrolset\control\securityproviders[securityproviders]
   Queries value:
                                                HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[name]
   Oueries value:
                                                HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[comment]
   Oueries value:
HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[capabilities]
                                                HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[rpcid]
   Queries value:
   Queries value:
                                                HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[type]
   Queries value:
   Oueries value:
HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll[tokensize]
                                                HKLM\software\microsoft\windows\currentversion\internet
settings\connections[winhttpsettings]
   Queries 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]
   Oueries value:
                                                HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\psched[winsock 2.0 provider id]
   Queries value:
HKLM\system\currentcontrolset\services\psched\parameters\winsock[minsockaddrlength]
```

Queries value:
HKLM\system\currentcontrolset\services\psched\parameters\winsock[helperdllname]
Queries value:

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

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

Queries value:

Oueries value:

```
HKLM\system\currentcontrolset\services\dnscache\parameters[queryadaptername]
 Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disableadapterdomainname]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usedomainnamedevolution]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[usedomainnamedevolution]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[domainnamedevolutionlevel]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[prioritizerecorddata]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[prioritizerecorddata]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[allowunqualifiedquery]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[allowunqualifiedquery]
 Queries 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]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dynamicserverqueryorder]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[filterclusterip]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[waitfornameerroronall]
 Queries value:
                        HKLM\system\currentcontrolset\services\dnscache\parameters[useedns]
HKLM\system\currentcontrolset\services\dnscache\parameters[dnssecurenamequeryfallback]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enabledaforallnetworks]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[directaccessqueryorder]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[queryipmatching]
 Queries value:
                        HKLM\system\currentcontrolset\services\dnscache\parameters[usehostsfile]
HKLM\system\currentcontrolset\services\dnscache\parameters[addrconfigcontrol]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationenabled]
 Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters [disable dynamic update]
 Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[registerprimarvname]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registeradaptername]
 Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[enableadapterdomainnameregistration]
 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]
HKLM\system\currentcontrolset\services\tcpip\parameters[disablewandynamicupdate]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationttl]
 Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationttl]
Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationrefreshinterval]
 Oueries value:
Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[maxnumberofaddressestoregister]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatesecuritylevel]
 Oueries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[updatesecuritylevel]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatetopleveldomainzones]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[downcasespncauseapiowneristoolazy]
 Oueries value:
```

Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachesize] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachettl] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[maxnegativecachettl] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[adaptertimeoutlimit] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[serverprioritytimelimit] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachedsockets] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[enablemulticast] Oueries value: 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] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[usecompartments] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[cacheallcompartments] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[usenewregistration] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistration] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistrationonly] HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquerytimeouts] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquerytimeouts] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquickquerytimeouts] HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquickquerytimeouts] HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[mapping] Queries value: HKLM\system\currentcontrolset\services\winsock\setup migration\providers\tcpip[winsock 2.0 provider id] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[minsockaddrlength] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[maxsockaddrlength] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[helperdllname] HKLM\software\microsoft\com3[com+enabled] Oueries value: HKCR\clsid\{9ba05972-f6a8-11cf-a442-00a0c90a8f39}[] Queries value: HKLM\software\microsoft\ole[maxsxshashcount] Oueries value: HKLM\software\microsoft\ole\appcompat[raisedefaultauthnlevel] Oueries value: Queries value: HKLM\software\microsoft\ole[defaultaccesspermission] Queries value: $HKLM \setminus system \setminus current control \setminus lsa[everyone includes an onymous]$ HKLM\software\microsoft\cryptography\defaults\provider\microsoft strong Oueries value: cryptographic provider[type] $\label{lem:hklm} \verb+Kklm\+ software\+ microsoft\+ cryptography\+ defaults\+ provider\+ microsoft\+ strong$ Queries value: cryptographic provider[image path] HKLM\system\currentcontrolset\control\session Queries value: manager[safeprocesssearchmode] Queries value: HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy[enabled] Oueries value: HKLM\system\currentcontrolset\control\lsa[fipsalgorithmpolicy] Queries value: HKLM\software\policies\microsoft\cryptography[privkeycachemaxitems] Queries value: HKLM\software\policies\microsoft\cryptography[privkeycachepurgeintervalseconds] HKLM\software\policies\microsoft\cryptography[privatekeylifetimeseconds] Oueries value: Queries value: HKLM\software\microsoft\cryptography[machineguid] HKCR\interface\{00000134-0000-0000-c000-00000000046}\proxystubclsid32[] Oueries value: Queries value: HKLM\software\microsoft\rpc\extensions[ndroleextdll] HKLM\software\microsoft\rpc\extensions[remoterpcdll] Oueries value: Queries value: HKLM\software\microsoft\sqmclient\windows\disabledprocesses[10b1e396] HKLM\software\microsoft\somclient\windows\disabledsessions[machinethrottling] Queries value: HKLM\software\microsoft\sqmclient\windows\disabledsessions[globalsession] Oueries value: HKLM\software\microsoft\ole[maximumallowedallocationsize]

Queries value: $HKCR \ interface \ \{85cb6900-4d95-11cf-960c-0080c7f4ee85\} \ proxystubclsid32[]$

HKCR\clsid\{00020424-0000-0000-c000-00000000046}[] Oueries value:

HKCR\clsid\{00020424-0000-0000-c000-Oueries value:

00000000046}\inprocserver32[inprocserver32]

Queries value:

HKCR\clsid\{00020424-0000-0000-c000-Oueries value:

00000000046}\inprocserver32[threadingmodel]

HKCR\interface\{85cb6900-4d95-11cf-960c-0080c7f4ee85}\typelib[] Oueries value: HKCR\interface\{85cb6900-4d95-11cf-960c-0080c7f4ee85}\typelib[version] Oueries value: HKCR\typelib\{eab22ac0-30c1-11cf-a7eb-0000c05bae0b}\1.1\0\win32[] Oueries value: HKCR\typelib\{00020430-0000-0000-c000-00000000046}\2.0\0\win32[] Queries value: Oueries value: HKLM\software\microsoft\rpc[udtalignmentpolicy] HKCR\interface\{00020400-0000-0000-0000-00000000046}\proxystubclsid32[] Queries value: HKCR\clsid\{00020420-0000-0000-c000-00000000046}[] Oueries value: HKCR\clsid\{00020420-0000-0000-c000-Oueries value: 00000000046}\inprocserver32[inprocserver32] HKCR\clsid\{00020420-0000-0000-c000-00000000046}\inprocserver32[] Oueries value:

Oueries value:

HKCR\clsid\{00020420-0000-0000-c000-

00000000046}\inprocserver32[threadingmodel]

Queries value: HKCR\interface\{b196b286-bab4-101a-b69c-00aa00341d07}\proxystubclsid32[] Oueries value: Queries value: HKLM\software\microsoft\windows\windows error reporting\wmr[disable] HKLM\software\microsoft\ctf\tip\{0000897b-83df-4b96-be07-Queries value:

Queries value: HKLM\software\microsoft\ctf[enableanchorcontext]

Queries value: HKLM\system\currentcontrolset\control\nls\locale[00000409] Oueries value: HKLM\system\currentcontrolset\control\nls\language groups[1]

Queries value:

HKCU\software\microsoft\windows\currentversion\explorer\advanced[usedoubleclicktimer]

HKLM\software\microsoft\windows nt\currentversion\fontsubstitutes[segoe Oueries value:

ui]

Queries value: HKLM\software\microsoft\windows nt\currentversion\fontsubstitutes[arial]

HKCR\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\progid[] Queries value:

Queries value: HKCR\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}[]

Queries value: HKCR\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprocserver32[inprocserver32]

HKCR\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\inprocserver32[] Queries value:

Queries value: HKCR\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprocserver32[threadingmodel]

Sets/Creates value: HKLM\software\microsoft\security center[antivirusoverride] Sets/Creates value: HKLM\software\microsoft\security center[firewalloverride]

Sets/Creates value:

HKCU\software\microsoft\windows\currentversion\policies\explorer[hidescahealth]

Sets/Creates value:

HKCU\software\microsoft\windows\currentversion\runonce[40d10558713b95c1000040d0c48c9aaf] Value changes: HKLM\software\microsoft\security center[antivirusdisablenotify] Value changes: HKLM\software\microsoft\security center[firewalldisablenotify]

 ${\tt HKLM \setminus software \setminus microsoft \setminus security \ center[updates disable notify]}$ Value changes: Value changes: HKLM\system\currentcontrolset\services\luafv[start]

HKLM\software\microsoft\windows Value changes:

nt\currentversion\systemrestore[rpsessioninterval]

HKLM\software\microsoft\windows\currentversion\policies\system[enablelua]

Value changes:

Value changes: HKLM\software\microsoft\security center[antivirusoverride] Value changes: HKLM\software\microsoft\security center[firewalloverride] Value changes:

HKCU\software\microsoft\windows\currentversion\policies\explorer[hidescahealth]

Value changes: