Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 619, Task ID: 2424

Task ID: 2424 Risk Level: 6

Date Processed: 2016-02-22 05:28:31 (UTC)

Processing Time: 74.09 seconds
Virtual Environment: IntelliVM

Execution Arguments:

c:\windows\temp\81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22.exe"

Sample ID: 619 Type: basic Owner: admin

Label: 81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22

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

File Type: PE32:win32:gui File Size: 286720 bytes

MD5: 6f2159e72e7ab7b02e18211ecbed7dd3

SHA256: 81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22

Description: None

Pattern Matching Results

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

6 Modifies registry autorun entries

5 Adds autostart object

Process/Thread Events

Creates process:

C:\windows\temp\81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22.exe
["C:\windows\temp\81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22.exe"]

Named Object Events

Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex

Creates event: \Sessions\1\BaseNamedObjects\0leDfRootAD44659AAED81107

Creates event: \KernelObjects\MaximumCommitCondition
Creates event: \Security\LSA_AUTHENTICATION_INITIALIZED
Creates event: \BaseNamedObjects\SvcctrlStartEvent_A3752DX

Creates event: \BaseNamedObjects\BFE_Notify_Event_{dc5ca4ec-0a31-4728-8b13-

d54fa8793d69}

Creates semaphore: \Sessions\1\BaseNamedObjects\C:?WINDOWS?TEMP? 81F686A320DBEC38A90D64C98861F8DDAC8BFDAA7F1AD04A8A33961283E00A22.EXE

File System Events

Creates: C:\Users\Admin\AppData\Local\Temp\~DF4FE11D8C07E68B24.TMP

Creates: C:\Users\Public\WinJab

Creates: C:\Users\Public\WinJab\winjab.exe

Opens: C:\Windows\Prefetch\81F686A320DBEC38A90D64C98861F-9845A13B.pf

Opens: C:\Windows

Opens: C:\Windows\System32\wow64.dl1
Opens: C:\Windows\System32\wow64win.dl1
Opens: C:\Windows\System32\wow64cpu.dl1
Opens: C:\Windows\System32\wow64log.dl1

Opens: C:\Windows\SysWOW64

Opens: C:\windows\temp\MSVBVM60.DLL
Opens: C:\Windows\SysWOW64\msvbvm60.dl1
Opens: C:\Windows\SysWOW64\sechost.dl1
Opens: C:\Windows\SysWOW64\imm32.dl1

Opens: C:\Windows\Globalization\SortIng\SortDefault.nls

Opens: C:\Windows\SysWOW64\rpcss.dll
Opens: C:\Windows\SysWOW64\uxtheme.dll

Opens:

C:\windows\temp\81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22.exe.cfg

Opens: C:\windows\temp\SXS.DLL Opens: C:\Windows\SysWOW64\sxs.dll Opens: C:\Windows\System32\C_932.NLS C:\Windows\System32\C_949.NLS Opens: Opens: C:\Windows\System32\C_950.NLS C:\Windows\System32\C_936.NLS Opens: Opens: C:\windows\temp\winmm.dll Opens: C:\Windows\SysWOW64\winmm.dll Opens: C:\Windows\Fonts\sserife.fon C:\windows\temp\CRYPTSP.dll Opens: Opens: C:\Windows\SysWOW64\cryptsp.dll C:\Windows\SysWOW64\rsaenh.dll Opens: Opens: C:\windows\temp\dwmapi.dll Opens: C:\Windows\SysWOW64\dwmapi.dll C:\Windows\Fonts\verdanab.ttf Opens:

C:\Windows\SysWOW64\uxtheme.dll.Config Opens:

Opens:

Opens:

C:\windows\temp\81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22.exe.Local

C:\Windows\winsxs\x86_microsoft.windows.commoncontrols_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2

Opens: C:\Windows\winsxs\x86_microsoft.windows.commoncontrols_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2\comctl32.dll

C:\Windows\WindowsShell.Manifest Opens: Opens: C:\Windows\Fonts\lucon.ttf C:\Windows\SysWOW64\ieframe.dll Opens: Opens: C:\Windows\SysWOW64\oleacc.dll Opens: C:\windows\temp\OLEACCRC.DLL Opens: C:\Windows\SysWOW64\oleaccrc.dll C:\Windows\Fonts\verdana.ttf Opens: Opens: C:\Windows\SysWOW64\asycfilt.dll Opens: C:\Windows\SysWOW64\kernel32.dll Opens:

Opens: C:\Windows\SysWOW64\en-US\KernelBase.dll.mui

C:\Windows\SysWOW64\winhttp.dll

C:\Windows\SysWOW64\webio.dll

Opens: C:\windows\temp\credssp.dll Opens: C:\Windows\SysWOW64\credssp.dll Opens: C:\Windows\SysWOW64\mswsock.dll C:\Windows\SysWOW64\WSHTCPIP.DLL Opens: Opens: C:\Windows\SysWOW64\wship6.dll Opens: C:\windows\temp\DNSAPI.dll C:\Windows\SysWOW64\dnsapi.dll Opens: Opens: C:\windows\temp\IPHLPAPI.DLL Opens: C:\Windows\SysWOW64\IPHLPAPI.DLL Opens: C:\windows\temp\WINNSI.DLL Opens: C:\Windows\SysWOW64\winnsi.dll Opens: C:\windows\temp\dhcpcsvc6.DLL Opens: C:\Windows\SysWOW64\dhcpcsvc6.dll Opens: C:\windows\temp\dhcpcsvc.DLL Opens: C:\Windows\SysWOW64\dhcpcsvc.dll Opens: C:\windows\temp\rasadhlp.dll

Opens: C:\Windows\SysWOW64\rasadhlp.dll Opens: C:\Windows\System32\drivers\etc\hosts Opens: C:\Windows\SysWOW64\FWPUCLNT.DLL Opens: C:\Windows\SysWOW64\scrrun.dll Opens: C:\Windows\SysWOW64\version.dll C:\Users\Public\WinJab\ Opens:

Opens: C:\Users\Public\WinJab

C:\Users\Public\WinJab\winjab.exe Opens:

Opens: C:\Windows\Temp

Opens:

Reads from:

C:\Windows\Temp\81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22.exe

C:\Users\Public\WinJab\winjab.exe Writes to: Reads from: C:\Windows\System32\drivers\etc\hosts Reads from: C:\Windows\SysWOW64\scrrun.dll

C:\Windows\Temp\81f686a320dbec38a90d64c98861f8ddac8bfdaa7f1ad04a8a33961283e00a22.exe

Network Events

DNS query: muzanaczekanie.pl

DNS response: muzanaczekanie.pl ⇒ 188.165.23.155

188.165.23.155:80 Connects to: Sends data to: 8.8.8.8:53

Sends data to: muzanaczekanie.pl:80 (188.165.23.155)

Receives data from: 8.8.8.8:53

Receives data from: muzanaczekanie.pl:80 (188.165.23.155)

Windows Registry Events

Creates key: HKLM\system\currentcontrolset\services\tcpip\parameters Creates key: HKCU\software\microsoft\windows\currentversion\run $HKCU\software\vb$ and vba program $settings\clock\sdata$ Creates key:

Creates key: HKCU\software

Creates key: HKCU\software\vb and vba program settings Creates kev: HKCU\software\vb and vba program settings\clock

Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution

options

 $\label{lem:hklm} \verb+Kklm \+ system \+ control \+ session manager$ Opens key:

Opens key: HKLM\software\microsoft\wow64

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

execution options

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

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

Opens key: HKLM\software\policies\microsoft\windows\safer\codeidentifiers Opens key: HKCU\software\policies\microsoft\windows\safer\codeidentifiers Opens key: HKLM\system\currentcontrolset\control\nls\customlocale

```
HKLM\system\currentcontrolset\control\nls\language
Opens key:
Opens key:
                        HKLM\system\currentcontrolset\control\mui\uilanguages
                        \label{lem:hklm} \verb+Kklm \+ system \+ control \+ mui \+ uilanguages \+ en-us
Opens kev:
Opens key:
                        HKLM\system\currentcontrolset\control\mui\uilanguages\pendingdelete
Opens key:
                        HKLM\software\wow6432node\policies\microsoft\mui\settings
Opens key:
                        HKLM\software\policies\microsoft\mui\settings
Opens key:
                        HKCU\control panel\desktop\muicached\machinelanguageconfiguration
Opens key:
Opens key:
                        HKLM\system\currentcontrolset\control\mui\settings\languageconfiguration
                        HKCU\software\policies\microsoft\control panel\desktop
Opens key:
Opens key:
                        HKCU\control panel\desktop\languageconfiguration
Opens key:
                        HKCU\control panel\desktop
Opens key:
                        HKCU\control panel\desktop\muicached
                        HKLM\software\wow6432node\microsoft\windows\currentversion\sidebyside
Opens key:
Opens key:
                        HKLM\system\currentcontrolset\control\nls\sorting\versions
```

Opens key: HKLM\

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

nt\currentversion\diagnostics

Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\dllnxoptions

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

nt\currentversion\gre_initialize

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

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

 $Opens\;key: \\ \qquad \qquad \text{HKLM} \\ software \\ \\ wow 6432 \\ node \\ \\ microsoft \\ \\ windows\;\; nt \\ \\ current \\ version \\ \\ ime$

compatibility

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

Opens key: HKLM\software\microsoft\ole\tracing
Opens key: HKLM\software\wow6432node\microsoft\oleaut

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

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

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

Opens key: HKLM\software\wow6432node\microsoft\windows\windows error reporting\wmr

Opens key: HKLM\system\currentcontrolset\control\nls\codepage
Opens key: HKLM\software\wow6432node\microsoft\vba\monitors

Opens key:

Opens kova

 $Opens\ key: \\ HKLM\system\currentcontrolset\control\label{likelihood} HKLM\system\currentcontrolset\control\label{likelihood} HKLM\system\currentcontrol\label{likelihood} HKLM\system\currentcontrol\label{likelihood} HKLM\system\currentcontrol\label{likelihood} HKLM\system\currentcontrol\label{likelihood} HKLM\system\currentcontrol\label{likelihood} HKLM\system\currentcontrol\label{likelihood} HKLM\system\currentcontrol\system\currentcontrol\system\sys$

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

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\wow6432node\microsoft\cryptography\offload

Opens key:

 $HKLM \verb|\software| wow 6432 node \verb|\microsoft| windows \verb|\currentversion| side by side \verb|\assembly storage roots| side by side \verb|\assembly storage roots| windows \verb|\currentversion| side by side \verb|\assembly storage roots| side by side$

Opens key: HKCU\software\classes\
Opens key: HKLM\software\microsoft\com3

Opens key: HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}

 $\label{lem:continuous} Opens key: $$ HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2} $$ Opens key: $$ HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2} $$ Opens key: $$ HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2} $$ Opens key: $$ HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2} $$ Opens key: $$ HKCU\software\classes\wow6432node\clsid\clsi$

00c04fd705a2}\treatas

Opens key: HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\treatas
Opens key: HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\treatas

00c04fd705a2}\progid

Opens key: HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\progid Opens key: HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprocserver32

Opens key: HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprocserver32

Opens key: HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprochandler32

Opens key: HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprochandler32

Opens key: HKCU\software\classes\wow6432node\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2\inprochandler

Opens key: HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-

00c04fd705a2}\inprochandler

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

Opens key: HKLM\system\currentcontrolset\control\computername\activecomputername

Opens key: HKLM\system\setup

Opens key: HKLM\software\wow6432node\policies\microsoft\windows nt\rpc

Opens key: HKLM\software\policies\microsoft\windows nt\rpc
Opens key: HKLM\software\policies\microsoft\sqmclient\windows
Opens key: HKLM\software\microsoft\sqmclient\windows

Opens key: HKCU\software\classes\wow6432node\clsid\{00021401-0000-0000-c000-

000000000046}

Opens key: HKCR\wow6432node\clsid\{00021401-0000-0000-c000-000000000046}

Opens key: 000000000046}\treatas Opens key: HKCR\wow6432node\clsid\{00021401-0000-0000-c000-00000000046}\treatas Opens key: HKCU\software\classes\wow6432node\clsid\{00021401-0000-0000-c000-000000000046}\progid Opens key: $HKCR\wow6432 node\\clsid\\\{00021401-0000-0000-c000-000000000046\\\}\\\progid$ Opens key:

000000000046}\inprocserver32

Opens key: HKCR\wow6432node\clsid\{00021401-0000-0000-c000-

000000000046}\inprocserver32

HKCU\software\classes\wow6432node\clsid\{00021401-0000-0000-c000-Opens kev:

00000000046}\inprochandler32

Opens key: HKCR\wow6432node\clsid\{00021401-0000-0000-c000-

000000000046}\inprochandler32

Opens key:

00000000046}\inprochandler

HKCR\wow6432node\clsid\{00021401-0000-0000-c000-Opens kev:

00000000046}\inprochandler

Opens key: HKLM\system\currentcontrolset\services\crypt32

 $HKLM \verb|\software\\| wow 6432 node \verb|\microsoft\\| windows \verb|\currentversion\\| internet$ Opens key:

settings Opens key:

HKLM\software\wow6432node\policies\microsoft\windows\currentversion\internet settings Opens key: HKLM\software\policies\microsoft\windows\currentversion\internet

settings

HKLM\software\wow6432node\microsoft\oleaut\userera Opens key:

Opens key: HKCU\software\policies\microsoft\control

panel\international\calendars\twodigityearmax

HKCU\control panel\international\calendars\twodigityearmax Opens kev: Opens key: HKCU\software\classes\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-

66779b670495}

HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-66779b670495} Opens key: Opens key: HKCU\software\classes\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-

66779b670495}\treatas

HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-66779b670495}\treatas Opens key: Opens key: HKCU\software\classes\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-

66779b670495}\progid

HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-66779b670495}\progid Opens key: HKCU\software\classes\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-Opens key:

66779b670495}\inprocserver32

HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-Opens key:

66779b670495}\inprocserver32

HKCU\software\classes\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-Opens kev:

66779b670495}\inprochandler32

HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-Opens key:

66779b670495}\inprochandler32

Opens key: HKCU\software\classes\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-

66779b670495}\inprochandler

HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-Opens kev:

66779b670495}\inprochandler

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

settings\winhttp\tracing

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

settings\winhttp

Opens key: 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\07a0e1d6

Opens key:

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

Opens key:

Opens key:

 $HKLM \simeq Large \ Large$ Opens key:

Opens key:

Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000003 Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000004 Opens kev:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000005 Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000006 Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000007 Opens kev: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000008

Opens key:

Opens key:

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HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000010
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\00000028
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001
  Opens key:
Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000003
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000006
                                    HKLM\system\currentcontrolset\control\cmf\config
  Opens key:
  Opens key:
                                    HKLM\system\currentcontrolset\control\lsaextensionconfig\sspicli
  Opens key:
                                    HKLM\system\currentcontrolset\control\securityproviders
                                    HKLM\system\currentcontrolset\control\lsa\sspicache
  Opens kev:
  Opens key:
                                    HKLM\system\currentcontrolset\control\lsa\sspicache\credssp.dll
  Opens key:
                                    HKLM\system\currentcontrolset\control\securityproviders\saslprofiles
                                    HKLM \ software \ wow 6432 node \ microsoft \ windows \ current version \ internet
  Opens key:
settings\connections
  Opens key:
                                    HKLM\system\currentcontrolset\services\winsock\parameters
  Opens key:
                                    HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock
  Opens key:
                                    HKLM\system\currentcontrolset\services\tcpip\parameters\winsock
  Opens key:
                                    HKLM\system\currentcontrolset\services\winsock\setup migration\providers
  Opens key:
                                    HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\tcpip
  Opens key:
                                    HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\tcpip6
  Opens key:
                                    HKLM\system\currentcontrolset\services\dnscache\parameters
  Opens key:
                                    HKLM\software\wow6432node\policies\microsoft\windows nt\dnsclient
                                    HKLM\software\policies\microsoft\windows nt\dnsclient
  Opens key:
  Opens key:
                                    HKLM\system\currentcontrolset\services\dns
  Opens key:
                                    HKLM\software\wow6432node\policies\microsoft\windows
nt\dnsclient\dnspolicyconfig
                                    HKLM\software\policies\microsoft\windows nt\dnsclient\dnspolicyconfig
  Opens key:
  Opens kev:
HKLM\system\currentcontrolset\services\dnscache\parameters\dnspolicyconfig
                                    HKLM\software\wow6432node\policies\microsoft\system\dnsclient
  Opens kev:
  Opens key:
                                    HKLM\software\policies\microsoft\system\dnsclient
  Opens key:
                                    HKLM\system\currentcontrolset\control\sqmservicelist
  Opens key:
                                    \label{lem:hklm} \verb+Kklm \system \current control set \services \label{lem:hklm} \verb+ dn s cache \services 
  Opens kev:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{22873b3e-c4d3-495a-8165-
e1e01c1f69b5}
  Opens key:
                                    HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{22873b3e-c4d3-495a-8165-
e1e01c1f69b5}
  Opens key:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{846ee342-7039-11de-9d20-
806e6f6e6963}
  Opens kev:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{846ee342-7039-11de-9d20-
806e6f6e6963}
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{a91d0a5e-390e-4979-9c38-
127795cce47a}
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b9ec5865-2d36-4cb8-b474-
65fee5bae0b1}
  Opens key:
                                    HKLM\system\currentcontrolset\services\tcpip\linkage
  Opens key:
                                    {\tt HKCU \backslash software \backslash classes \backslash scripting.filesystemobject}
  Opens key:
                                    HKCR\scripting.filesystemobject
  Opens key:
                                    HKCU\software\classes\scripting.filesystemobject\clsid
  Opens key:
                                    HKCR\scripting.filesystemobject\clsid
  Opens key:
                                    HKCU\software\classes\wow6432node\clsid\{0d43fe01-f093-11cf-8940-
00a0c9054228}
  Opens key:
                                    HKCR\wow6432node\clsid\{0d43fe01-f093-11cf-8940-00a0c9054228}
                                    HKCU\software\classes\wow6432node\clsid\{0d43fe01-f093-11cf-8940-
  Opens kev:
00a0c9054228}\treatas
                                    HKCR\wow6432node\clsid\{0d43fe01-f093-11cf-8940-00a0c9054228}\treatas
  Opens key:
  Opens key:
                                    HKCU\software\classes\wow6432node\clsid\{0d43fe01-f093-11cf-8940-
00a0c9054228}\progid
  Opens key:
                                    HKCR \setminus wow 6432 \\ node \\ clsid \\ \{0d43fe01-f093-11cf-8940-00a0c9054228\} \\ \setminus progid
```

Opens key: $\label{lem:hkculsoftware} HKCU\software\classes\wow6432 node\clsid\{0d43fe01-f093-11cf-8940-00a0c9054228}\$

HKCR\wow6432node\clsid\{0d43fe01-f093-11cf-8940-Opens key:

00a0c9054228}\inprocserver32

HKCU\software\classes\wow6432node\clsid\{0d43fe01-f093-11cf-8940-

Opens key: 00a0c9054228}\inprochandler32

Opens key: HKCR\wow6432node\clsid\{0d43fe01-f093-11cf-8940-

00a0c9054228}\inprochandler32

Opens key: 00a0c9054228}\inprochandler

Opens key: HKCR\wow6432node\clsid\{0d43fe01-f093-11cf-8940-

00a0c9054228}\inprochandler

Opens key: HKCU\software\classes\typelib

Opens key: HKCR\typelib

Opens key: HKCU\software\classes\typelib\{420b2830-e718-11cf-893d-00a0c9054228}

HKCR\typelib\{420b2830-e718-11cf-893d-00a0c9054228} Opens key:

Opens key: HKCU\software\classes\typelib\{420b2830-e718-11cf-893d-00a0c9054228}\1.0

HKCR\typelib\{420b2830-e718-11cf-893d-00a0c9054228}\1.0 Opens key: HKCU\software\classes\typelib\{420b2830-e718-11cf-893d-Opens key:

00a0c9054228}\1.0\0

Opens key: HKCR\typelib\{420b2830-e718-11cf-893d-00a0c9054228}\1.0\0 Opens key: HKCU\software\classes\typelib\{420b2830-e718-11cf-893d-

00a0c9054228}\1.0\0\win32

Opens key: HKCR\typelib\{420b2830-e718-11cf-893d-00a0c9054228}\1.0\0\win32

Opens kev: HKCU\software\vb and vba program settings\clock\sdata Opens key: HKLM\software\wow6432node\policies\microsoft\windows\system

Opens key: HKLM\software\policies\microsoft\windows\system

Queries value: HKLM\software\microsoft\windows nt\currentversion\image file execution

options[disableusermodecallbackfilter]

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

manager[cwdillegalindllsearch]

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

Oueries value:

 $HKLM \setminus software \setminus policies \setminus microsoft \setminus windows \setminus safer \setminus code identifiers [transparentenabled]$ Queries value: HKLM\system\currentcontrolset\control\nls\customlocale[empty]

Oueries value:

HKLM\system\currentcontrolset\control\nls\language[installlanguagefallback]

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

Oueries value: HKLM\system\currentcontrolset\control\mui\uilanguages\en-

us[alternatecodepage]

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

HKCU\control panel\desktop\muicached[machinepreferreduilanguages] Oueries value:

Queries value:

HKLM\software\wow6432node\microsoft\windows\currentversion\sidebyside[preferexternalmanifest]

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

HKLM\system\currentcontrolset\control\session manager[safedllsearchmode] Oueries value: Queries value: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\dllnxoptions[usefilter]

Queries value: HKLM\software\microsoft\windows nt\currentversion\image file execution

options\dllnxoptions[msvbvm60.dll1

Queries value: HKLM\software\microsoft\windows

nt\currentversion\gre_initialize[disablemetafiles]

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

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

nt\currentversion\windows[loadappinit dlls]

Queries value: HKLM\software\microsoft\ole[pageallocatorusesystemheap] HKLM\software\microsoft\ole[pageallocatorsystemheapisprivate] Queries value: HKLM\system\currentcontrolset\control\nls\customlocale[en-us] Oueries value: Oueries value: HKLM\system\currentcontrolset\control\nls\extendedlocale[en-us] Queries value: HKLM\system\currentcontrolset\control\nls\locale[00000409] Queries value: HKLM\system\currentcontrolset\control\nls\language groups[1] Queries value: HKLM\software\wow6432node\microsoft\windows\windows error

reporting\wmr[disable] Oueries value:

HKLM\system\currentcontrolset\control\session

manager[safeprocess search mode]

Queries value: HKLM\system\currentcontrolset\control\nls\codepage[932] Queries value: HKLM\system\currentcontrolset\control\nls\codepage[949] Oueries value: Queries value: HKLM\system\currentcontrolset\control\nls\codepage[936]

Oueries value:

HKLM\software\wow6432node\microsoft\cryptography\defaults\provider\microsoft strong cryptographic provider[type]

Oueries value:

 $HKLM \label{lem:hklm} White the lemma should be also shown in the lemma should be also should$ provider[image path]

Oueries value: HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy[enabled] Queries value: HKLM\system\currentcontrolset\control\lsa[fipsalgorithmpolicy] HKLM\software\policies\microsoft\cryptography[privkeycachemaxitems] Oueries value:

Oueries value:

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

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

Oueries value: HKLM\software\microsoft\cryptography[machineguid]

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

```
HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}\progid[]
  Queries value:
                                  HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-00c04fd705a2}[]
  Oueries value:
  Oueries value:
                                  HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-
00c04fd705a2}\inprocserver32[inprocserver32]
                                 HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-
  Oueries value:
00c04fd705a2}\inprocserver32[]
  Queries value:
                                 HKCR\wow6432node\clsid\{8856f961-340a-11d0-a96b-
00c04fd705a2}\inprocserver32[threadingmodel]
  Queries value:
                                 HKLM\software\microsoft\ole[maxsxshashcount]
  Queries value:
                                 HKLM\software\microsoft\rpc[maxrpcsize]
  Oueries value:
HKLM\system\setup[oobeinprogress]
  Queries value:
  Oueries value:
                                 HKLM\system\setup[systemsetupinprogress]
  Queries value:
                                  HKLM\software\microsoft\sqmclient\windows[ceipenable]
  Queries value:
                                  HKCR\wow6432node\clsid\{00021401-0000-0000-c000-00000000046}\progid[]
                                  HKCR\wow6432node\clsid\{00021401-0000-0000-c000-000000000046}[]
  Oueries value:
  Queries value:
                                  HKCR\wow6432node\clsid\{00021401-0000-0000-c000-
00000000046}\inprocserver32[inprocserver32]
                                 HKCR\wow6432node\clsid\{00021401-0000-0000-c000-
  Queries value:
00000000046}\inprocserver32[]
  Queries value:
                                 HKCR\wow6432node\clsid\{00021401-0000-0000-c000-
00000000046}\inprocserver32[threadingmodel]
                                  HKLM\system\currentcontrolset\services\crypt32[debugheapflags]
  Queries value:
                                  Queries value:
settings[disableimprovedzonecheck]
                                 HKLM\software\policies\microsoft\windows\currentversion\internet
  Queries value:
settings[security_hklm_only]
                                 HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-66779b670495}\progid[]
  Oueries value:
                                  HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-66779b670495}[]
  Queries value:
                                 HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-
  Oueries value:
66779b670495}\inprocserver32[inprocserver32]
                                  HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-
  Queries value:
66779b670495}\inprocserver32[]
  Oueries value:
                                 HKCR\wow6432node\clsid\{2087c2f4-2cef-4953-a8ab-
66779b670495}\inprocserver32[threadingmodel]
                                 HKLM\software\wow6432node\microsoft\windows\currentversion\internet
  Oueries value:
settings\winhttp\tracing[enabled]
                                  Queries value:
settings[sharecredswithwinhttp]
  Queries value:
                                  HKLM\software\wow6432node\microsoft\windows\currentversion\internet
settings\winhttp[disablebranchcache]
  Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[winsock_registry_version]
  Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[namespace_callout]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[serial_access_num]
  Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[next_catalog_entry_id]
  Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol catalog9[num catalog entries]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000001[packedcatalogitem]
  Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000002[packedcatalogitem]
  Oueries value:
Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000004[packedcatalogitem]
  Queries value:
Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000006[packedcatalogitem]
  Queries value:
HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ protocol\_catalog \ entries \ 0000000000007 \ [packed catalog item]
  Queries value:
HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ protocol\_catalog 9 \ catalog\_entries \ 000000000008 \ [packed catalog item]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000009[packedcatalogitem]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000010[packedcatalogitem]
  Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[serial_access_num]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[num_catalog_entries]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[librarypath]
  Oueries value:
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 \ winsock 2 \ parameters \ name space\_catalog \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ name space\_catalog \ name space\_catalo
```

Queries 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]
 Oueries 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\000000000001[providerinfo] Oueries 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]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[addressfamily]
 Oueries 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\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[displaystring]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[providerid]
- 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]
- 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\00000000003[providerinfo]
- 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\00000000004[providerid]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000004[addressfamily]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000004[supportednamespace]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[enabled]
- 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]
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[librarypath]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[displaystring]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[providerid]
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[addressfamily]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000005[supportednamespace]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[version]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[storesserviceclassinfo]
 Oueries value:

Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000006[librarypath]

Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[displaystring] Oueries value:

 $HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap ameters \setminus namespace_catalog S \setminus catalog_entries \setminus 0000000000006[providerid]$ Oueries value:

 $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ names pace_catalog 5 \ (catalog_entries \ 000000000006 \ [address family]$ Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[supportednamespace] Oueries value:

Oueries value:

Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000006[storesserviceclassinfo] Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000006[providerinfo] Queries value:

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

Queries value:

HKLM\system\currentcontrolset\control\lsaextensionconfig\sspicli[checksignaturedll]

Queries value:

HKLM\system\currentcontrolset\control\lsaextensionconfig\sspicli[checksignatureroutine]

Queries value:

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

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

Queries value:

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

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

Oueries value:

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

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

settings\connections[winhttpsettings]

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

Queries value:

HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[mapping]

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

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

migration\providers\tcpip[winsock 2.0 provider id]

Oueries value:

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

Queries value:

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

Oueries value:

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

Oueries value:

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

migration\providers\tcpip6[winsock 2.0 provider id]

Oueries value:

HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[minsockaddrlength]

Oueries value:

HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[maxsockaddrlength]

Queries value:

HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[usedelayedacceptance] Queries value:

Queries value:

HKLM\svstem\currentcontrolset\services\dnscache\parameters[guervadaptername]

Queries value:

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

Queries value:

HKLM\system\currentcontrolset\services\tcpip\parameters[usedomainnamedevolution]

Queries 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]

Queries value:

HKLM\system\currentcontrolset\services\dnscache\parameters[allowunqualifiedquery]

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

Queries value: $HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [append to multilabel name]$

Queries value:

```
HKLM\system\currentcontrolset\services\dnscache\parameters[screenbadtlds]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[screenunreachableservers]
 Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [screen defaults ervers]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dynamicserverqueryorder]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[filterclusterip]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[waitfornameerroronall]
                       HKLM\system\currentcontrolset\services\dnscache\parameters[useedns]
 Queries value:
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dnssecurenamequeryfallback]
 Queries 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]
                       HKLM\system\currentcontrolset\services\dnscache\parameters[usehostsfile]
 Queries value:
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[addrconfigcontrol]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationenabled]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disabledynamicupdate]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registeradaptername]
 Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus trpip \setminus parameters [enable adapter domain name registration]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disablereverseaddressregistrations]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registerwanadapters]
 Queries value:
HKLM\svstem\currentcontrolset\services\dnscache\parameters[registrationttl]
 Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationttl]
 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:
HKLM\system\currentcontrolset\services\tcpip\parameters[updatesecuritylevel]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[updatetopleveldomainzones]
HKLM\system\currentcontrolset\services\dnscache\parameters[downcasespncauseapiowneristoolazy]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationoverwrite]
                       HKLM\svstem\currentcontrolset\services\dnscache\parameters[maxcachesize]
 Oueries value:
 Queries value:
                       HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachettl]
 Oueries value:
Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[adaptertimeoutlimit]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[serverprioritytimelimit]
HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachedsockets]
 Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enablemulticast]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastresponderflags]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsenderflags]
 Oueries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dnstest]
 Oueries value:
 Queries 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] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistrationonly] Queries value: 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] Queries value: HKLM\svstem\currentcontrolset\services\tcpip\parameters[dnsquickquervtimeouts] HKLM\system\currentcontrolset\services\tcpip\parameters[hostname] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[domain] Queries value: HKLM\system\currentcontrolset\control\sqmservicelist[sqmservicelist] Queries value: Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters\dnscache[shutdownonidle] Oueries value: HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{22873b3e-c4d3-495a-8165e1e01c1f69b5}[searchlist] Queries value: e1e01c1f69b5}[enabledhcp] Oueries value: e1e01c1f69b5}[registrationenabled] Queries value: e1e01c1f69b5}[registeradaptername] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{22873b3e-c4d3-495a-8165e1e01c1f69b5}[domain] Oueries value: e1e01c1f69b5}[dhcpdomain] Oueries value: HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{22873b3e-c4d3-495a-8165e1e01c1f69b5}[dhcpv6domain] Queries value: HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{22873b3e-c4d3-495a-8165e1e01c1f69b5}[nameserver] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{22873b3e-c4d3-495a-8165e1e01c1f69b5}[nameserver] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{22873b3e-c4d3-495a-8165e1e01c1f69b5}[dhcpnameserver] Queries value: 806e6f6e6963}[enabledhcp] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{846ee342-7039-11de-9d20-806e6f6e6963}[registrationenabled] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{846ee342-7039-11de-9d20-806e6f6e6963}[registeradaptername] Oueries value: 806e6f6e6963}[domain] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{846ee342-7039-11de-9d20-806e6f6e6963}[dhcpdomain] Queries value: 806e6f6e6963}[nameserver] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{846ee342-7039-11de-9d20-806e6f6e6963}[dhcpnameserver] Queries value: HKLM\system\currentcontrolset\services\tcpip\linkage[bind] Queries value: e1e01c1f69b5}[queryadaptername] HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{22873b3e-c4d3-495a-8165e1e01c1f69b5}[disableadapterdomainname]

Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{22873b3e-c4d3-495a-8165-e1e01c1f69b5}[registrationmaxaddresscount] Oueries value:

 $HKLM \ system \ `current control set \ 'services \ 'tcpip \ parameters \ 'interfaces \ '\{22873b3e-c4d3-495a-8165-e1e01c1f69b5\} \ [maxnumber of addresses to register]$

Oueries value

 $\label{lem:hklm} HKLM \ system \ `current controlset \ 'services \ 'tcpip \ parameters \ 'interfaces \ '\{22873b3e-c4d3-495a-8165-e1e01c1f69b5\} \ [enablemulticast]$

Queries value:

 $HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{846ee 342-7039-11de-9d20-806e6f6e6963\} \ [query adapter name]$

Queries value:

 $\label{lem:hklm} HKLM \system \current controls et \services \tcpip \parameters \ interfaces \ \{846ee 342-7039-11de-9d20-806e6f6e6963\} \ [disable adapter domain name]$

Oueries value:

 $HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{846ee 342-7039-11de-9d20-806e6f6e6963\} \ [disable dynamic update]$

Queries value:

 $HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{846ee 342-7039-11de-9d20-806e6f6e6963\} \ [enable adapter domain name registration]$

Oueries value:

 $HKLM \ system \ `current control set \ 'services \ 'tcpip \ parameters \ 'interfaces \ '{846ee342-7039-11de-9d20-806e6f6e6963} \ [registration max address count]$

Queries value:

 $HKLM \ system \ `current control set \ 'services \ 'tcpip \ parameters \ 'interfaces \ '\{846ee 342-7039-11de-9d20-806e6f6e6963\} \ [maxnumber of addresses to register]$

Queries value:

 $\label{thm:hklm} HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{846ee 342-7039-11de-9d20-806e6f6e6963\} \ [enable multicast]$

Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[searchlist]
Queries value: HKLM\system\currentcontrolset\services\winsock2\parameters[autodialdl1]

Queries value: HKCR\scripting.filesystemobject\clsid[]

Queries value: HKCR\www6432node\clsid\{0d43fe01-f093-11cf-8940-00a0c9054228}\progid[] Queries value: HKCR\www6432node\clsid\{0d43fe01-f093-11cf-8940-00a0c9054228}[]

Queries value: HKCR\wow6432node\clsid\{0d43fe01-f093-11cf-8940-

00a0c9054228}\inprocserver32[inprocserver32]

Queries value: HKCR\wow6432node\clsid\{0d43fe01-f093-11cf-8940-

00a0c9054228}\inprocserver32[]

Queries value: HKCR\wow6432node\clsid\{0d43fe01-f093-11cf-8940-

00a0c9054228}\inprocserver32[threadingmodel]

Queries value: HKCR\typelib\{420b2830-e718-11cf-893d-00a0c9054228}\1.0\0\win32[]

Queries value: RKCK\typelib\{420b.

HKLM\software\policies\microsoft\windows\system[copyfilebufferedsynchronousio]

 $\label{lem:policies} $$\operatorname{Queries value:}$ $\operatorname{HKLM}\operatorname{software}\operatorname{icrosoft}\widetilde{\operatorname{system}}[\operatorname{copyfilechunksize}]$$ $\operatorname{HKLM}\operatorname{software}\operatorname{icrosoft}\widetilde{\operatorname{system}}[\operatorname{copyfileoverlapped}]$$$

Sets/Creates value: HKCU\software\microsoft\windows\currentversion\run[wincl]
Sets/Creates value: HKCU\software\vb and vba program settings\clock\sdata[s]