# Malware Analysis Appliance by Blue Coat Systems, Inc.

#### Task Details

Host: mag2, Sample ID: 616, Task ID: 2409

Task ID: 2409 Risk Level: 5

Date Processed: 2016-02-22 05:26:53 (UTC)

Processing Time: 63.31 seconds
Virtual Environment: IntelliVM

**Execution Arguments:** 

c:\windows\temp\55885d1928d39600ce3d99617072bf3632db94352fed8032bc3dce3afe665740.exe"

Sample ID: 616 Type: basic Owner: admin

Label: 55885d1928d39600ce3d99617072bf3632db94352fed8032bc3dce3afe665740

Date Added: 2016-02-22 05:26:48 (UTC)

File Type: PE32:win32:gui File Size: 64036 bytes

MD5: 0c921935f0880b5c2161b3905f8a3069

SHA256: 55885d1928d39600ce3d99617072bf3632db94352fed8032bc3dce3afe665740

Description: None

## Pattern Matching Results

4 Checks whether debugger is present

5 Accesses Filesystem keys

5 Abnormal sleep detected

#### **Process/Thread Events**

Creates process:

C:\windows\temp\55885d1928d39600ce3d99617072bf3632db94352fed8032bc3dce3afe665740.exe
["C:\windows\temp\55885d1928d39600ce3d99617072bf3632db94352fed8032bc3dce3afe665740.exe"]

## Named Object Events

Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex

## File System Events

Opens: C:\Windows\Prefetch\55885D1928D39600CE3D99617072B-269DF603.pf

Opens: C:\Windows

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

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

Opens: Opens:

Opens:

C:\Windows\Temp\55885d1928d39600ce3d99617072bf3632db94352fed8032bc3dce3afe665740.exe

C:\Windows\SysWOW64\ntdll.dll Opens: Opens: C:\Windows\SysWOW64\kernel32.dll Opens: C:\Windows\SysWOW64\KernelBase.dll C:\Windows\apppatch\sysmain.sdb Opens: Opens: C:\Windows\SysWOW64\odbcjt32.dll Opens: C:\Windows\SysWOW64\inetcomm.dll C:\Windows\SysWOW64\msi.dll Opens: Opens: C:\Windows\SysWOW64\drprov.dll Opens: C:\Windows\SysWOW64\msjet40.dll C:\Windows\SysWOW64\mswstr10.dll Opens: Opens: C:\Windows\SysWOW64\msoert2.dll Opens: C:\Windows\SysWOW64\oleacc.dll C:\Windows\SysWOW64\winsta.dll Opens: Opens: C:\Windows\SysWOW64\combase.dll Opens: C:\Windows\SysWOW64\sechost.dll

Opens: C:\Windows\WinSxS\x86\_microsoft.windows.common-

controls\_6595b64144ccf1df\_5.82.9200.16384\_none\_bf100cd445f4d954

 $Opens: C: \windows\winSxS\x86\_microsoft.windows.common-controls\_6595b64144ccf1df\_5.82.9200.16384\_none\_bf100cd445f4d954\comct132.dll$ 

C:\Windows\SysWOW64\msctf.dll

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

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

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

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

C:\Windows\SysWOW64\bcryptprimitives.dll Opens: Opens: C:\Windows\SysWOW64\cryptbase.dll C:\Windows\SysWOW64\sspicli.dll Opens: C:\Windows\SysWOW64\rpcrt4.dll Opens: Opens: C:\Windows\SysWOW64\advapi32.dll Opens: C:\Windows\SysWOW64\shlwapi.dll C:\Windows\SysWOW64\shell32.dll Opens: Opens: C:\Windows\SysWOW64\comdlg32.dll C:\Windows\SysWOW64\ole32.dll Opens: Opens: C:\Windows\SysWOW64\oleaut32.dll Opens: C:\Windows\SysWOW64\imm32.dll

Opens: C:\Windows\SysWOW64\odbcji32.dll
Opens: C:\Windows\SysWOW64\msjter40.dll
Opens: C:\Windows\SysWOW64\msjint40.dll
Opens: C:\Windows\WindowsShell.Manifest

Opens: C:\Windows\WinSxS\x86\_microsoft.windows.common-

controls\_6595b64144ccf1df\_6.0.9200.16384\_none\_893961408605e985

 $Opens: C: \verb|Windows| winSxS| x86_microsoft.windows.common-controls_6595b64144ccf1df_6.0.9200.16384_none_893961408605e985\\ \verb|comctl32.dl1| windows.common-controls_6595b64144ccf1df_6.0.9200.16384_none_893961408605e985\\ \verb|comctl32.dl1| windows.common-controls_6595b641440605e985\\ \verb|comctl32.dl1| windows.common-controls_6595b641440605e985\\ \verb|comctl32.dl1| windows.common-controls_6595b641440605e985\\ \verb|comctl32.dl1| windows.common-controls_6595b641408605e985\\ \verb|comctl32.dl1| windows.common-controls_6595b641408605\\ \verb|comctl32.dl1| windows.common-controls_6595b641408605\\ \|comctl32.dl1| windows.common-controls_6595b641408605\\ \|comctl32.dl1| windows.common-controls_6595b641408605\\ \|comctl32.dl1| windows.common-controls_6595b641408605\\ \|comctl32.dl1| windows.common-controls_6595b641408605\\ \|comctl32.dl1| windows.common-controls_6595b641408605\\ \|comctl32.dl1| windows.c$ 

C:\Windows\SysWOW64\oleaccrc.dll Opens: C:\Windows\SysWOW64\INETRES.dll Opens: Opens: C:\Windows\SysWOW64\6flwrjmxnz27c Opens: C:\Windows\SysWOW64\cmdial32.dll Opens: C:\Windows\SysWOW64\cmpbk32.dll C:\Windows\SysWOW64\cmutil.dll Opens: C:\Windows\SysWOW64\eappcfg.dll Opens: C:\Windows\SysWOW64\userenv.dll Opens: C:\Windows\SysWOW64\version.dll Opens: Opens: C:\Windows\SysWOW64\profapi.dll Opens: C:\Windows\SysWOW64\cfgmgr32.dll Opens: C:\Windows\SysWOW64\devobj.dll Opens: C:\Windows\SysWOW64\setupapi.dll

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

 Opens:
 C:\Windows\SysWOW64\wsock32.dl1

 Opens:
 C:\Windows\SysWOW64\nsi.dl1

 Opens:
 C:\Windows\SysWOW64\ws2\_32.dl1

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

Opens: C:\Windows\SysWOW64\mswsock.dll Opens: C:\Windows\SysWOW64\NapiNSP.dll C:\Windows\SysWOW64\pnrpnsp.dll Opens: Opens: C:\Windows\SysWOW64\nlaapi.dll Opens: C:\Windows\SysWOW64\dnsapi.dll C:\Windows\SysWOW64\winrnr.dll Opens: Opens: C:\Windows\SysWOW64\IPHLPAPI.DLL Opens: C:\Windows\SysWOW64\winnsi.dll Opens: C:\Windows\SysWOW64\dhcpcsvc6.dll Opens: C:\Windows\SysWOW64\dhcpcsvc.dll Opens: C:\Windows\System32\Drivers\etc\hosts Opens: C:\Windows\SysWOW64\rasadhlp.dll Reads from: C:\Windows\System32\Drivers\etc\hosts

#### **Network Events**

DNS query: wowrizep.ru
DNS query: jiwviqpa.ru
Sends data to: 0.0.0.0:53
Receives data from: 0.0.0.0:53

# Windows Registry Events

 $\label{lem:creates} \begin{tabular}{ll} Creates key: & HKLM\system\current controlset\services\tcpip\parameters \\ \end{tabular}$ 

Opens key: HKLM\software\microsoft\wow64

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

Opens key:

 $HKLM \ software \ wow 6432 node \ policies \ microsoft \ windows \ safer \ code identifiers$ 

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

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

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

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

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

Opens key: HKCU\

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

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

Opens key: HKCU\control panel\desktop

Opens key: HKCU\control panel\desktop\muicached

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

Opens key: HKLM\system\currentcontrolset\control\nls\sorting\versions

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

 $\label{thm:condition} Opens \ key: \\ HKLM \ software \ microsoft \ windows \\ nt \ current version \ app compatflags \ disable 8 and 16 bit mitigation \\$ 

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

Opens key:

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

execution options

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

options

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

options\dllnxoptions

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

nt\currentversion\gre\_initialize

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

nt\currentversion\compatibility32

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

compatibility

Opens key: HKLM\

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

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

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

Opens key:

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

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

Opens key: HKLM\software\microsoft\ole

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

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

Opens key: HKCU\control panel\international\calendars\twodigityearmax
Opens key: HKCU\software\microsoft\internet explorer\international

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

 $Opens\ key: \\ HKLM\system\currentcontrolset\services\rdpnp\network provider$ 

Opens key: HKLM\system\currentcontrolset\control\cmf\config

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

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

Opens key: HKLM\software\wow6432node\microsoft\windows\currentversion
Opens key: HKLM\system\currentcontrol\set\control\nls\extendedlocale
Opens key: HKLM\software\policies\microsoft\sqmclient\windows

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

Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters
Opens key: HKLM\system\currentcontrolset\control\nls\sorting\ids

Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\appid\_catalog

Opens key:

Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9

Opens key:

 $\label{lem:hklmsystem} $$HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\00000005$$ Opens key:$ 

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000004

Opens kev:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000000
Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000010
Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5

 $\label{lem:hklmsystem} HKLM \system \current control set \services \winsock 2 \parameters \namespace\_catalog 5 \00000014 \normalfooth Gpens key:$ 

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries
Opens kev:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000006

 Opens key: HKLM\system\currentcontrolset\services\winsock\setup migration\providers

Opens key: HKLM\system\currentcontrolset\services\winsock\setup

migration\providers\tcpip

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

Opens key: HKLM\software\microsoft\rpc

Opens key: 

Opens key: HKLM\svstem\setup

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

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

HKLM\system\currentcontrolset\services\dnscache\parameters Opens key: HKLM\software\wow6432node\policies\microsoft\windows nt\dnsclient Opens key:

Opens key: HKLM\software\policies\microsoft\windows nt\dnsclient

Opens key: HKLM\software\wow6432node\policies\microsoft\system\dnsclient

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

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

Opens key: HKLM\system\currentcontrolset\control\sqmservicelist HKLM\software\wow6432node\policies\microsoft\windows Opens key:

nt\dnsclient\dnspolicyconfig

Opens key: HKLM\software\policies\microsoft\windows nt\dnsclient\dnspolicyconfig

Opens key:

HKLM\system\currentcontrolset\services\dnscache\parameters\dnspolicyconfig

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

Opens key:

 $HKLM \land system \land current control set \land services \land tcpip6 \land parameters \land faces \land \{97e1de57-d6fa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-be62-defa-11e1-$ 

806e6f6e6963}

Opens key: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces

Opens kev:

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

Opens key:

25b8d56dd1d8}

Opens kev:

HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{4defd920-8095-41dc-aef5-

8a6dc56e0da9} Opens key:

 $HKLM \ system \ current controls et \ services \ tcpip \ parameters \ interfaces \ \{b5105d63-74c6-4dc1-87b7-40c1-87b7-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-87b7-40c1-8$ 

55779daa70e9}

 ${\tt HKLM \ } system \verb|\ current control set \verb|\ services \verb|\ tcpip \verb|\ linkage \\$ Opens key:

Opens key: HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock

HKLM\system\currentcontrolset\services\winsock\setup Opens kev:

migration\providers\tcpip6

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

Oueries value:

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

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

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

Oueries value:

 $HKLM \label{lem:hkk} In the latest of the latest and the latest of the$ 

Oueries value:

HKCU\software\microsoft\windows Queries value:

nt\currentversion\appcompatflags[showdebuginfo]

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

options\dllnxoptions[usefilter]

HKLM\software\microsoft\windows nt\currentversion\image file execution Oueries value: options\dllnxoptions[55885d1928d39600ce3d99617072bf3632db94352fed8032bc3dce3afe665740.exe]

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

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

nt\currentversion\compatibility32[55885d1928d39600ce3d99617072bf3632db94352fed8032bc3dce3afe665740]

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

nt\currentversion\windows[loadappinit\_dlls]

Oueries value: HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy[enabled]

Oueries value: HKLM\system\currentcontrolset\control\lsa[fipsalgorithmpolicy] Queries value: HKLM\software\microsoft\ole[pageallocatorusesystemheap] Oueries value: HKLM\software\microsoft\ole[pageallocatorsystemheapisprivate]

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

HKLM\system\currentcontrolset\control\wmi\security[5d8c8d91-8f81-488d-Queries value:

a278-0d06d32b39d1]

Oueries value: HKLM\system\currentcontrolset\control\wmi\security[aba7397f-f033-4c35-

9aab-6ec3322ea7a2]

HKCU\software\microsoft\internet Oueries value:

explorer\international[jp\_iso\_sio\_control]

Queries value: HKLM\system\currentcontrolset\control\filesystem[win31filesystem] Queries value: HKLM\system\currentcontrolset\services\rdpnp\networkprovider[name]

Queries value: HKLM\system\currentcontrol\set\control\cmf\config[system]
Queries value: HKLM\software\wow6432node\microsoft\windows\windows error

reporting\wmr[disable]

Queries value: HKLM\software\microsoft\windows\currentversion\setup[sourcepath]

Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion[devicepath]

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

Queries value: HKLM\system\currentcontrolset\control\nls\extendedlocale[en-us]
Queries value: HKLM\system\currentcontrolset\control\wmi\security[5f31090b-d990-4e91-

b16d-46121d0255aa]

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

Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters[winsock\_registry\_version]

 $\label{thm:current} Queries \ value: \\ HKLM\system\currentcontrolset\control\nls\sorting\versions[000602xx]$ 

Queries value: HKLM\system\currentcontrol\ssorting\ids[en-us]
Queries value: HKLM\system\currentcontrol\ssorting\ids[en]

Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters[namespace\_callout]

Queries value:

Queries value:

Queries value:

 $HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap services \setminus protocol\_catalog = [num\_catalog\_entries]$ 

Queries value:

 $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ protocol\_catalog9 \ catalog\_entries \ 000000000001 \ [packed catalog item] \\ Queries \ value:$ 

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] Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000005[packedcatalogitem]

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000006[packedcatalogitem]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000008[packedcatalogitem]

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\0000000000009[packedcatalogitem]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000010[packedcatalogitem] Queries 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]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000001[displaystring]

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000001[providerid]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000001[addressfamily]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000001[supportednamespace]

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[storesserviceclassinfo]

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000001[providerinfo]
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] Queries value:

 $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ winsock 2 \ parameters \ name space\_catalog \ services \ value:$ 

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[addressfamily]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\0000000000002[supportednamespace]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000002[enabled]
Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\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:
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000003 \ [displaystring]$ Oueries value:
- Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[addressfamily] Oueries value:
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000003 [supported name space]]$ Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000003[enabled] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000003[version] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000003[storesserviceclassinfo] Oueries value:
- Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000004[librarypath] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[displaystring] Queries value:
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000004 \ [address family]$ Oueries value:
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000004 [supported name space]]$ Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000004[enabled]
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog \ set alog\_entries \ (0000000000004 \ [version])$ Oueries value:
- $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ names pace\_catalog5 \ catalog\_entries \ 10000000000004 \ [storesservice class in fo]$ Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace catalog5\catalog entries\00000000005[librarypath] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[displaystring] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[providerid] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[addressfamily] Oueries value:
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space \_ catalog 5 \ (catalog\_entries \ 0000000000005 [supported name space]$ Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000005[enabled] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000005[version] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000005[storesserviceclassinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000005[providerinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000006[librarypath] Oueries value:
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000006 \ [displaystring]$ Queries value:
- Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\00000000006[addressfamily] Queries value:
- $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space\_catalog 5 \ (catalog\_entries \ 0000000000006 [supported name space]]$ Queries value:
- Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace\_catalog5\catalog\_entries\000000000006[version] Queries value:
- Oueries value:
- Queries value:
- HKLM\svstem\currentcontrolset\services\winsock2\parameters[ws2 32numhandlebuckets]
  - Queries value: HKLM\system\currentcontrolset\services\winsock\parameters[transports] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[mapping]
  - HKLM\system\currentcontrolset\services\winsock\setup Oueries value:
- migration\providers\tcpip[winsock 2.0 provider id]

Queries 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] Queries value: HKLM\software\microsoft\rpc[maxrpcsize] Oueries value:  $HKLM \verb| system| current control \verb| scomputername| active computername| | com$ Oueries value: HKLM\system\setup[oobeinprogress] HKLM\system\setup[systemsetupinprogress] Oueries value: Oueries value: HKLM\software\microsoft\rpc[idletimerwindow] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[hostname] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[domain] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[queryadaptername] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[disableadapterdomainname] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[usedomainnamedevolution] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[usedomainnamedevolution] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[domainnamedevolutionlevel] Queries 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] Queries value:  $HKLM \setminus system \setminus current control set \setminus services \setminus tcpip \setminus parameters [allow unqualified query]$ 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[screendefaultservers] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[dynamicserverqueryorder] Queries value:  $HKLM \setminus system \setminus current control set \setminus services \setminus dns cache \setminus parameters [filter clusterip]$ HKLM\svstem\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] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[queryipmatching] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[usehostsfile] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[addrconfigcontrol] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[disablesmartnameresolution] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[preferlocaloverlowerbindingdns] HKLM\system\currentcontrolset\services\dnscache\parameters[querynetbtfqdn] Oueries value: Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[udprecvbuffersize] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[disabledynamicupdate] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registerprimaryname] HKLM\system\currentcontrolset\services\dnscache\parameters[registeradaptername] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters[enableadapterdomainnameregistration] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registerreverselookup] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[disablereverseaddressregistrations] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registerwanadapters] Oueries value: 

Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registrationttl] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationttl] Oueries value: Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationrefreshinterval] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registrationmaxaddresscount] Oueries value: Oueries 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] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[downcasespncauseapiowneristoolazy] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[registrationoverwrite] HKLM\svstem\currentcontrolset\services\dnscache\parameters[maxcachesize] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachettl] Queries value: Queries 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] HKLM\system\currentcontrolset\services\dnscache\parameters[enablemulticast] Oueries value: Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsenderflags] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsendermaxtimeout] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[dnstest] HKLM\svstem\currentcontrolset\services\dnscache\parameters[usecompartments] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[cacheallcompartments] Queries value:  $\label{lem:hklm} \verb+Kklm \system \current control set \services \$ HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistration] Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[resolverregistrationonly] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[newdhcpsrvregistration] Queries value: Queries value: HKLM\system\currentcontrolset\services\dnscache\parameters[disableidnencoding] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[enableidnmapping] HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquerytimeouts] Oueries value: HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquerytimeouts] Oueries value: HKLM\system\currentcontrolset\services\dnscache\parameters[dnsquickquerytimeouts] HKLM\system\currentcontrolset\services\tcpip\parameters[dnsquickquerytimeouts] Queries value: HKLM\system\currentcontrolset\control\sqmservicelist[sqmservicelist]  $HKLM \ system \ current control set \ services \ trpip6 \ parameters \ interfaces \ \{b5105d63-74c6-4dc1-87b7-40c1-$ 55779daa70e9}[searchlist] HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-806e6f6e6963}[enabledhcp] Queries value: HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[registrationenabled] HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-55779daa70e9}[registeradaptername] Queries value: 

55779daa70e9}[domain]

Oueries value:

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

55779daa70e9}[dhcpv6domain]

Oueries value:

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

Oueries value:

55779daa70e9}[nameserver]

Queries value:

 $HKLM \land system \land current control set \land services \land tcpip \land parameters \land interfaces \land \{b5105d63-74c6-4dc1-87b7-487b1, and the system \land tcpip \land$ 55779daa70e9}[dhcpnameserver]

Oueries value:

806e6f6e6963}[registrationenabled]

Oueries value:

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

Queries value:

806e6f6e6963}[domain]

Queries value:

806e6f6e6963}[dhcpdomain]

Queries value:

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

Queries value:

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

Queries value: HKLM\system\currentcontrolset\services\tcpip\linkage[bind]

Oueries value:

55779daa70e9}[queryadaptername]

Oueries value:

55779daa70e9}[disableadapterdomainname]

Oueries value:

55779daa70e9}[registrationmaxaddresscount]

Queries value:

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

Oueries value:

55779daa70e9}[enablemulticast]

Queries value:

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

Queries value:

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

Queries value:

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

Oueries value:

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

Oueries value:

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

Oueries value:

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

Oueries value:

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

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

Oueries value:

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

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]

Oueries value:

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