Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Task ID:	827
Risk Level:	10
Date Processed:	2016-05-18 10:42:37 (UTC)
Processing Time:	61.36 seconds
Virtual Environment:	IntelliVM
Execution Arguments:	`"c:\windows\temp\1b213953a4baf79fadfe9968cf3a1446.exe"`

Sample ID:	3330
Type:	basic
Owner:	admin
Label:	1b213953a4baf79fadfe9968cf3a1446
Date Added:	2016-05-18 10:30:51 (UTC)
File Type:	PE32:win32:gui
File Size:	565248 bytes
MD5:	1b213953a4baf79fadfe9968cf3a1446
SHA256:	3de393336565e1e6d500ce152e99281a2e3d785c3c41dc1a2f0c7b242c134e57
Description:	None

Pattern Matching Results

10 Resolves malicious domain: Fosniw trojan

1 HTTP connection - response code 404 (file not found)

4 Checks whether debugger is present

Process/Thread Events

Creates process:	`C:\windows\temp\1b213953a4baf79fadfe9968cf3a1446.exe ["C:\windows\temp\1b213953a4baf79fadfe9968cf3a1446.exe" ]`

Named Object Events

Creates mutex:	`\Sessions\1\BaseNamedObjects\DBWinMutex`

File System Events

Opens:	`C:\Windows\Prefetch\1B213953A4BAF79FADFE9968CF3A1-C996567E.pf`
Opens:	`C:\Windows`
Opens:	`C:\Windows\System32\wow64.dll`
Opens:	`C:\Windows\SysWOW64`
Opens:	`C:\Windows\SysWOW64\apphelp.dll`
Opens:	`C:\Windows\Temp\1b213953a4baf79fadfe9968cf3a1446.exe`
Opens:	`C:\Windows\SysWOW64\ntdll.dll`
Opens:	`C:\Windows\SysWOW64\kernel32.dll`
Opens:	`C:\Windows\SysWOW64\KernelBase.dll`
Opens:	`C:\Windows\apppatch\sysmain.sdb`
Opens:	`C:\Windows\SysWOW64\netapi32.dll`
Opens:	`C:\Windows\SysWOW64\sechost.dll`
Opens:	`C:\Windows\SysWOW64\combase.dll`
Opens:	`C:\Windows\SysWOW64\netutils.dll`
Opens:	`C:\Windows\SysWOW64\srvcli.dll`
Opens:	`C:\Windows\SysWOW64\wkscli.dll`
Opens:	`C:\Windows\SysWOW64\gdi32.dll`
Opens:	`C:\Windows\SysWOW64\user32.dll`
Opens:	`C:\Windows\SysWOW64\msvcrt.dll`
Opens:	`C:\Windows\SysWOW64\bcryptprimitives.dll`
Opens:	`C:\Windows\SysWOW64\cryptbase.dll`
Opens:	`C:\Windows\SysWOW64\sspicli.dll`
Opens:	`C:\Windows\SysWOW64\rpcrt4.dll`
Opens:	`C:\Windows\SysWOW64\advapi32.dll`
Opens:	`C:\Windows\SysWOW64\ole32.dll`
Opens:	`C:\Windows\SysWOW64\shlwapi.dll`
Opens:	`C:\Windows\SysWOW64\shell32.dll`
Opens:	`C:\Windows\SysWOW64\nsi.dll`
Opens:	`C:\Windows\SysWOW64\ws2_32.dll`
Opens:	`C:\Windows\SysWOW64\imm32.dll`
Opens:	`C:\Windows\SysWOW64\msctf.dll`
Opens:	`C:\Windows\SysWOW64\oleaut32.dll`
Opens:	`C:\Windows\SysWOW64\uxtheme.dll`
Opens:	`C:\Windows\Globalization\Sorting\SortDefault.nls`
Opens:	`C:\Windows\SysWOW64\netbios.dll`
Opens:	`C:\Windows\SysWOW64\mswsock.dll`
Opens:	`C:\Windows\SysWOW64\NapiNSP.dll`
Opens:	`C:\Windows\SysWOW64\pnrpnsp.dll`
Opens:	`C:\Windows\SysWOW64\nlaapi.dll`
Opens:	`C:\Windows\SysWOW64\dnsapi.dll`
Opens:	`C:\Windows\SysWOW64\winrnr.dll`
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\FWPUCLNT.DLL
  Opens:                  C:\Windows\SysWOW64\rasadhlp.dll
  Reads from:             C:\Windows\System32\Drivers\etc\hosts
```

Network Events

```
  DNS query:              appx.koreasys1.com
  DNS query:              appx.koreasys2.com
  DNS query:              appx.koreasys3.com
  DNS query:              appx.koreasys4.com
  DNS query:              appx.koreasys5.com
  DNS query:              appx.koreasys6.com
  DNS query:              appx.koreasys7.com
  DNS query:              appx.koreasys8.com
  DNS query:              appx.koreasys9.com
  DNS query:              appx.koreasys10.com
  DNS query:              appx.koreasys11.com
  DNS query:              appx.koreasys12.com
  DNS query:              appx.koreasys13.com
  DNS query:              appx.koreasys14.com
  DNS query:              appx.koreasys15.com
  DNS query:              appx.koreasys16.com
  DNS query:              appx.koreasys17.com
  DNS query:              appx.koreasys18.com
  DNS query:              appx.koreasys19.com
  DNS response:           appx.koreasys1.com ⇒ 208.100.26.234
  DNS response:           appx.koreasys3.com ⇒ 109.74.196.143
  DNS response:           appx.koreasys4.com ⇒ 192.155.89.148
  Connects to:            208.100.26.234:80
  Connects to:            0.0.0.0:80
  Connects to:            109.74.196.143:80
  Connects to:            192.155.89.148:80
  Sends data to:          0.0.0.0:53
  Sends data to:          0.0.0.0:0
  Sends data to:          appx.koreasys3.com:80 (109.74.196.143)
  Sends data to:          appx.koreasys4.com:80 (192.155.89.148)
  Receives data from:     0.0.0.0:53
  Receives data from:     appx.koreasys1.com:80 (208.100.26.234)
```

Windows Registry Events

```
  Creates key:            HKLM\system\currentcontrolset\services\tcpip\parameters
  Opens key:              HKLM\software\microsoft\wow64
  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
  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
  Opens key:              HKLM\software\microsoft\windows
nt\currentversion\appcompatflags\disable8and16bitmitigation
  Opens key:              HKLM\system\currentcontrolset\control\session manager
  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\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\wow6432node\microsoft\ole\tracing
  Opens key:                 HKLM\software\microsoft\ole\tracing
  Opens key:                 HKLM\system\currentcontrolset\services\lanmanworkstation\parameters
  Opens key:                 HKLM\software\policies\microsoft\sqmclient\windows
  Opens key:                 HKLM\software\microsoft\sqmclient\windows
  Opens key:                 HKCU\software\microsoft\windows\currentversion\directmanipulation
  Opens key:                 HKLM\system\currentcontrolset\services\winsock2\parameters
  Opens key:                 HKLM\system\currentcontrolset\control\nls\extendedlocale
  Opens key:                 HKLM\system\currentcontrolset\control\nls\sorting\ids
  Opens key:                 HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\043dd211
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\00000005
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000001
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000002
  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 key:
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 key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000008
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000009
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000010
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\00000014
  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\000000000002
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003
  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\000000000006
  Opens key:                 HKCU\software\aaa2855861cf
  Opens key:                 HKLM\system\currentcontrolset\services\winsock\parameters
  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\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\system\currentcontrolset\services\dnscache\parameters
  Opens key:                 HKLM\software\wow6432node\policies\microsoft\windows nt\dnsclient
  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
  Opens key:                 HKLM\software\wow6432node\policies\microsoft\windows
nt\dnsclient\dnspolicyconfig
  Opens key:                 HKLM\software\policies\microsoft\windows nt\dnsclient\dnspolicyconfig
  Opens key:
```

```
HKLM\system\currentcontrolset\services\dnscache\parameters\dnspolicyconfig
  Opens key:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}
  Opens key:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}
  Opens key:                HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{a04231f6-42eb-4732-b850-
25b8d56dd1d8}
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{4defd920-8095-41dc-aef5-
8a6dc56e0da9}
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}
  Opens key:                HKLM\system\currentcontrolset\services\tcpip\linkage
  Opens key:                HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock
  Opens key:                HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\tcpip6
  Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[transparentenabled]
  Queries value:            HKLM\system\currentcontrolset\control\nls\customlocale[empty]
  Queries value:
HKLM\system\currentcontrolset\control\nls\language[installlanguagefallback]
  Queries value:            HKLM\system\currentcontrolset\control\mui\uilanguages\en-us[type]
  Queries value:            HKLM\system\currentcontrolset\control\mui\uilanguages\en-
us[alternatecodepage]
  Queries value:            HKCU\control panel\desktop[preferreduilanguages]
  Queries value:            HKCU\control panel\desktop\muicached[machinepreferreduilanguages]
  Queries value:
HKLM\software\wow6432node\microsoft\windows\currentversion\sidebyside[preferexternalmanifest]
  Queries value:            HKLM\system\currentcontrolset\control\nls\sorting\versions[]
  Queries value:            HKCU\software\microsoft\windows
nt\currentversion\appcompatflags[showdebuginfo]
  Queries value:            HKLM\system\currentcontrolset\control\session manager[safedllsearchmode]
  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[1b213953a4baf79fadfe9968cf3a1446.exe]
  Queries value:            HKLM\software\microsoft\windows
nt\currentversion\gre_initialize[disablemetafiles]
  Queries value:            HKLM\software\wow6432node\microsoft\windows
nt\currentversion\compatibility32[1b213953a4baf79fadfe9968cf3a1446]
  Queries value:            HKLM\software\wow6432node\microsoft\windows
nt\currentversion\windows[loadappinit_dlls]
  Queries value:            HKLM\system\currentcontrolset\control\lsa\fipsalgorithmpolicy[enabled]
  Queries value:            HKLM\system\currentcontrolset\control\lsa[fipsalgorithmpolicy]
  Queries value:            HKLM\software\microsoft\ole[pageallocatorusesystemheap]
  Queries value:            HKLM\software\microsoft\ole[pageallocatorsystemheapisprivate]
  Queries value:            HKLM\software\microsoft\ole[aggressivemtatesting]
  Queries value:
HKLM\system\currentcontrolset\services\lanmanworkstation\parameters[rpccachetimeout]
  Queries value:            HKLM\software\microsoft\sqmclient\windows[ceipenable]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[winsock_registry_version]
  Queries value:            HKLM\system\currentcontrolset\control\nls\customlocale[en-us]
  Queries value:            HKLM\system\currentcontrolset\control\nls\extendedlocale[en-us]
  Queries value:            HKLM\system\currentcontrolset\control\nls\sorting\versions[000602xx]
  Queries value:            HKLM\system\currentcontrolset\control\nls\sorting\ids[en-us]
  Queries value:            HKLM\system\currentcontrolset\control\nls\sorting\ids[en]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[namespace_callout]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[serial_access_num]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[next_catalog_entry_id]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[num_catalog_entries]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000001[packedcatalogitem]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000002[packedcatalogitem]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000003[packedcatalogitem]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000004[packedcatalogitem]
  Queries value:
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]
   Queries 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]
   Queries 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\000000000001[librarypath]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[displaystring]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[providerid]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[addressfamily]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[supportednamespace]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[enabled]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[version]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[storesserviceclassinfo]
   Queries value:
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]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[displaystring]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[providerid]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[addressfamily]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[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]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[storesserviceclassinfo]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[providerinfo]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[librarypath]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[displaystring]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[providerid]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[addressfamily]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[supportednamespace]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[enabled]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[version]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[storesserviceclassinfo]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[providerinfo]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[librarypath]
   Queries 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]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[addressfamily]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[supportednamespace]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[enabled]
   Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[version]
   Queries value:
```

```
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[storesserviceclassinfo]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[providerinfo]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[librarypath]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[displaystring]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[providerid]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[addressfamily]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[supportednamespace]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[enabled]
  Queries 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\000000000005[storesserviceclassinfo]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[providerinfo]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[librarypath]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[displaystring]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[providerid]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[addressfamily]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[supportednamespace]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[enabled]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[version]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[storesserviceclassinfo]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[providerinfo]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[ws2_32numhandlebuckets]
  Queries value:            HKLM\system\currentcontrolset\services\winsock\parameters[transports]
  Queries value:            HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[mapping]
  Queries value:            HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\tcpip[winsock 2.0 provider id]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[minsockaddrlength]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[maxsockaddrlength]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[usedelayedacceptance]
  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\rpc[idletimerwindow]
  Queries value:            HKLM\system\currentcontrolset\services\tcpip\parameters[hostname]
  Queries value:            HKLM\system\currentcontrolset\services\tcpip\parameters[domain]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[queryadaptername]
  Queries 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]
  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\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]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[dnssecurenamequeryfallback]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enabledaforallnetworks]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[directaccessqueryorder]
  Queries 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]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[preferlocaloverlowerbindingdns]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[querynetbtfqdn]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[disablesmartprotocolreordering]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[udprecvbuffersize]
  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[registerprimaryname]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registeradaptername]
  Queries 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]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registerwanadapters]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[disablewandynamicupdate]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationttl]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationttl]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationrefreshinterval]
  Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters[defaultregistrationrefreshinterval]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[registrationmaxaddresscount]
  Queries 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]
  Queries 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]
  Queries value:          HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachesize]
  Queries value:          HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachettl]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[maxnegativecachettl]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[adaptertimeoutlimit]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[serverprioritytimelimit]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[maxcachedsockets]
  Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enablemulticast]
  Queries value:
```

```
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastresponderflags]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsenderflags]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[multicastsendermaxtimeout]
   Queries value:              HKLM\system\currentcontrolset\services\dnscache\parameters[dnstest]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[usecompartments]
   Queries 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]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[newdhcpsrvregistration]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[directaccesspreferlocal]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[disableidnencoding]
   Queries value:
HKLM\system\currentcontrolset\services\dnscache\parameters[enableidnmapping]
   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\system\currentcontrolset\services\tcpip\parameters[dnsquickquerytimeouts]
   Queries value:              HKLM\system\currentcontrolset\control\sqmservicelist[sqmservicelist]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[searchlist]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[enabledhcp]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[registrationenabled]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[registeradaptername]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[domain]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[dhcpdomain]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[dhcpv6domain]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[nameserver]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[nameserver]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[dhcpnameserver]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[registrationenabled]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[registeradaptername]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[domain]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
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]
   Queries value:
```

```
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[queryadaptername]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[disableadapterdomainname]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[registrationmaxaddresscount]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[maxnumberofaddressestoregister]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{b5105d63-74c6-4dc1-87b7-
55779daa70e9}[enablemulticast]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[queryadaptername]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[disableadapterdomainname]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[disabledynamicupdate]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[enableadapterdomainnameregistration]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[registrationmaxaddresscount]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[maxnumberofaddressestoregister]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{97e1de57-d6fa-11e1-be62-
806e6f6e6963}[enablemulticast]
   Queries value:              HKLM\system\currentcontrolset\services\tcpip\parameters[searchlist]
   Queries 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]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[minsockaddrlength]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[maxsockaddrlength]
   Queries value:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[usedelayedacceptance]
   Queries value:              HKLM\system\currentcontrolset\services\winsock2\parameters[autodialdll]
```