Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 630, Task ID: 2468

Task ID: 2468 Risk Level: 10

Date Processed: 2016-02-22 05:33:18 (UTC)

Processing Time: 61.66 seconds IntelliVM Virtual Environment:

Execution Arguments:

c:\windows\temp\d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33.exe"

Sample ID: 630 basic Type: Owner: admin

d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33 Label:

2016-02-22 05:26:50 (UTC) Date Added:

File Type: PE32:win32:gui File Size: 29616 bytes

6a2ea24ed959ef96d270af5cdc2f70a7 MD5:

SHA256: d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33

Description:

Pattern Matching Results

5 Modifies Windows Registry from the command line

2 PE: Nonstandard section

6 Modifies registry autorun entries

8 Creates Suspicious Events: Localhost Ping

5 Adds autostart object

6 PE: Jumps to the last section near the entrypoint

Terminates process under Windows subfolder

10 YARA score 10

Static Events

YARA rule hit: Hurix Anomaly: PE: No DOS stub Anomaly: PE: Contains one or more non-standard sections Anomaly: PE: Jumps to the last section near the entrypoint

Process/Thread Events

C:\windows\temp\d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33.exe ["C:\windows\temp\d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33.exe"]

C:\Windows\SysWOW64\cmd.exe [cmd.exe /c reg add Creates process:

HKLM\Software\Microsoft\Windows\CurrentVersion\Run /v "CitrixXenAppReciever" /t REG_SZ /d

"C:\ProgramData\CitrixReciever\CitrixReciever.exe"]

C:\Windows\SysWOW64\cmd.exe [cmd.exe /c cmd.exe /c cmd.exe /c cmd.exe /c Creates process:

cmd.exe /c cmd.exe /c "C:\ProgramData\CitrixReciever\CitrixReciever.exe"]

C:\Windows\SysWOW64\cmd.exe [cmd.exe /c ping 127.0.0.1 & del "C:\windows\temp\d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33.exe"]

Creates process: C:\Windows\SysWOW64\cmd.exe [cmd.exe /c cmd.exe /c cmd.exe /c cmd.exe /c

cmd.exe /c "C:\ProgramData\CitrixReciever\CitrixReciever.exe"]

C:\Windows\SysWOW64\PING.EXE [ping 127.0.0.1] Creates process:

Creates process: C:\Windows\SysWOW64\cmd.exe [cmd.exe /c cmd.exe /c cmd.exe /c cmd.exe /c

"C:\ProgramData\CitrixReciever\CitrixReciever.exe"]

C:\Windows\SysWOW64\reg.exe [reg add Creates process:

HKLM\Software\Microsoft\Windows\CurrentVersion\Run /v "CitrixXenAppReciever" /t REG_SZ /d

"C:\ProgramData\CitrixReciever\CitrixReciever.exe"] Creates process:

C:\Windows\SysWOW64\cmd.exe [cmd.exe /c cmd.exe /c cmd.exe /c "C:\ProgramData\CitrixReciever\CitrixReciever.exe"]

Creates process:

C:\Windows\SysWOW64\cmd.exe [cmd.exe /c cmd.exe /c

"C:\ProgramData\CitrixReciever\CitrixReciever.exe"] Creates process: C:\Windows\SysWOW64\cmd.exe [cmd.exe /c

"C:\ProgramData\CitrixReciever\CitrixReciever.exe"]

Creates process:

C:\ProgramData\CitrixReciever\CitrixReciever.exe

[C:\ProgramData\CitrixReciever\CitrixReciever.exe]

Terminates process:

C:\Windows\Temp\d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33.exe

Terminates process: C:\Windows\SysWOW64\reg.exe Terminates process: C:\Windows\SysWOW64\cmd.exe Terminates process: C:\Windows\SysWOW64\PING.EXE

Named Object Events

Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex

 $\verb|\BaseNamedObjects\\| ConsoleEvent-0x000000000000000444$ Creates event: \BaseNamedObjects\ConsoleEvent-0x0000000000000A5C Creates event: \BaseNamedObjects\ConsoleEvent-0x0000000000000A64 Creates event:

File System Events C:\ProgramData\CitrixReciever Creates: C:\ProgramData\CitrixReciever\CitrixReciever.exe Opens: C:\Windows\Prefetch\D269F3AF57167A25A289BC6FD3375-30096F52.pf Opens: Opens: C:\Windows\System32\wow64.dll Opens: C:\Windows\System32\wow64win.dll C:\Windows\System32\wow64cpu.dll Opens: C:\Windows\system32\wow64log.dll Opens: Opens: C:\Windows\SysWOW64 C:\Windows\SysWOW64\sechost.dll Opens: C:\Windows\SysWOW64\imm32.dll Opens: Opens: C:\ Opens: C:\ProgramData\CitrixReciever\CitrixReciever.exe Opens: C:\Windows\Temp\d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33.exe Opens: C:\windows\temp\cmd.exe Opens: C:\Windows\SysWOW64\cmd.exe Opens: C:\Windows\SysWOW64\apphelp.dll Opens: C:\Windows\AppPatch\sysmain.sdb Opens: C:\Windows\SysWOW64\ui\SwDRM.dll Opens: C:\Windows\Prefetch\CMD.EXE-AC113AA8.pf C:\Windows\SysWOW64\winbrand.dll Opens: Opens: C:\Windows\SysWOW64\en-US\cmd.exe.mui Opens: C:\Windows\Globalization\Sorting\SortDefault.nls Opens: C:\Windows\SysWOW64\reg.exe C:\Windows\SysWOW64\PING.EXE Opens: Opens: C:\Windows\Prefetch\PING.EXE-371F41E2.pf Opens: C:\Windows\Prefetch\REG.EXE-4978446A.pf C:\Windows\SysWOW64\IPHLPAPI.DLL Opens: Opens: C:\Windows\SysWOW64\winnsi.dll Opens: C:\Windows\SysWOW64\en-US\ping.exe.mui Opens: C:\Windows\SysWOW64\en-US\reg.exe.mui Opens: C:\Windows\SysWOW64\en-US\KernelBase.dll.mui Opens: C:\ProgramData\CitrixReciever C:\ProgramData\CitrixReciever\ui\SwDRM.dll Opens: Opens: C:\Windows\Prefetch\CITRIXRECIEVER.EXE-42285A69.pf C:\Windows\SysWOW64\mswsock.dll Opens: Opens: C:\Windows\SysWOW64\WSHTCPIP.DLL Opens: C:\Windows\Temp Writes to: C:\ProgramData\CitrixReciever\CitrixReciever.exe Reads from: C:\Windows\Temp\d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33.exe Reads from: C:\Windows\SysWOW64\cmd.exe Reads from: C:\Windows\SysWOW64\PING.EXE Reads from: C:\Windows\SysWOW64\reg.exe Reads from: C:\ProgramData\CitrixReciever\CitrixReciever.exe Deletes: C:\Windows\Temp\d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33.exe

Windows Dogistry Events

windows Registry Events	
Creates key:	HKLM\software\wow6432node\microsoft\windows\currentversion\run
Opens key:	HKLM\software\microsoft\windows nt\currentversion\image file execution
options	
Opens key:	HKLM\system\currentcontrolset\control\session manager
Opens key:	HKLM\software\microsoft\wow64
Opens key:	<pre>HKLM\software\wow6432node\microsoft\windows nt\currentversion\image file</pre>
execution options	
Opens key:	HKLM\system\currentcontrolset\control\terminal server
Opens key:	<pre>HKLM\system\currentcontrolset\control\safeboot\option</pre>
Opens key:	<pre>HKLM\system\currentcontrolset\control\srp\gp\dll</pre>
Opens key:	
HKLM\software\wow6	432node\policies\microsoft\windows\safer\codeidentifiers
Opens key:	<pre>HKLM\software\policies\microsoft\windows\safer\codeidentifiers</pre>
Opens key:	<pre>HKCU\software\policies\microsoft\windows\safer\codeidentifiers</pre>
Opens key:	<pre>HKLM\system\currentcontrolset\control\nls\customlocale</pre>
Opens key:	HKLM\system\currentcontrolset\control\nls\language
Opens key:	HKLM\system\currentcontrolset\control\mui\uilanguages
Onens kev:	HKI M\system\currentcontrolset\control\mui\uilanguages\en-us

M\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

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

Opens key:

HKCU\control panel\desktop\muicached\machinelanguageconfiguration Opens kev: 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\sidebvside

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

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

nt\currentversion\diagnostics

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

nt\currentversion\gre_initialize

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

nt\currentversion\compatibility32

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

compatibility

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

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

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

Opens key: HKLM\software\microsoft\ole\tracing Opens key: HKLM\software\wow6432node\microsoft\oleaut Opens key: HKLM\system\currentcontrolset\services\crypt32

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

settings

Opens key:

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

settings

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

Opens key: $\label{lem:hklm} \verb+Kklm \+ system \+ current control \+ computer name \+ active computer name \+ act$

Opens key: HKLM\system\setup

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

options\cmd.exe

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

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

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

Opens key: HKCU\software\microsoft\windows\currentversion\explorer\shell folders Opens key: $\label{lem:hklm} \mbox{HKLM} \mbox{$\tt MKLM} \mbox$ Opens key: HKCU\software\microsoft\windows nt\currentversion\appcompatflags\layers

Opens key: HKLM\software\microsoft\windows

nt\currentversion\appcompatflags\custom\cmd.exe

Opens key: HKLM\system\currentcontrolset\control\cmf\config Opens key: HKCU\software\policies\microsoft\windows\system Opens key: HKLM\software\wow6432node\microsoft\command processor Opens key: HKCU\software\microsoft\command processor

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

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

Opens kev: HKLM\svstem\currentcontrolset\control\nls\language groups

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

options\ping.exe

Opens key: HKLM\software\microsoft\windows

nt\currentversion\appcompatflags\custom\ping.exe

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

options\reg.exe

Opens key: HKLM\software\microsoft\windows

nt\currentversion\appcompatflags\custom\reg.exe

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

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

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

HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog Opens kev:

Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\111cc00d-1058ed91 Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\appid_catalog\111cc00d

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

Opens key:

Opens kev:

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

HKCU\software\microsoft\windows\currentversion\policies\system Opens kev:

Opens key:

Opens key:

Opens key:

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

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000004

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

Opens kev:

HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000005 Opens kev:

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

Opens key:

Opens key:

Opens kev:

Opens kev:

Opens kev:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\00000028

Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries

Opens kev:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001

Opens key:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000000 Opens key:

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\0000000000005

Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006

HKLM\system\currentcontrolset\services\tcpip\parameters

Opens kev:

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

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

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

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

options\citrixreciever.exe

HKLM\software\microsoft\windows Opens kev: nt\currentversion\appcompatflags\custom\citrixreciever.exe

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

migration\providers\tcpip

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

options[disableusermodecallbackfilter]

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

manager[cwdillegalindllsearch]

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

Queries value:

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

Queries value:

 $HKLM \verb|\system| current control \verb|\system| current control \verb|\system| control \verb|\system| current control current control current control current control current control current control current current control current current control current current control current current$

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

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

us[alternatecodepage]

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

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

Oueries value:

 $HKLM \label{lem:hklm} In the limit of the$

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

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

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

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

nt\currentversion\compatibility32[d269f3af57167a25a289bc6fd3375c3f03d79044d9569e1de63a90c70fb7be33]

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

nt\currentversion\windows[loadappinit_dlls]

HKLM\software\microsoft\ole[pageallocatorusesystemheap] Queries value: Queries value: HKLM\software\microsoft\ole[pageallocatorsystemheapisprivate] Queries value: HKLM\system\currentcontrolset\services\crypt32[debugheapflags] Queries value: HKLM\software\wow6432node\microsoft\windows\currentversion\internet

settings[disableimprovedzonecheck]

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

settings[security_hklm_only]

Oueries value:

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

 $\label{lem:hklm} \begin{tabular}{ll} HKLM \end{tabular} it is a few and the state of the latest and the state of the latest angle of the latest$ HKCU\software\microsoft\windows\currentversion\explorer\shell Oueries value:

folders[cache]

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

options[disablelocaloverride]

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

nt\currentversion\compatibility32[cmd]

HKLM\system\currentcontrolset\control\cmf\config[system] Oueries value:

Queries value: HKLM\software\wow6432node\microsoft\command processor[disableunccheck]

```
Oueries value:
                       HKLM\software\wow6432node\microsoft\command processor[enableextensions]
 Oueries value:
                       HKLM\software\wow6432node\microsoft\command processor[delayedexpansion]
 Oueries value:
                       HKLM\software\wow6432node\microsoft\command processor[defaultcolor]
                       HKLM\software\wow6432node\microsoft\command processor[completionchar]
 Queries value:
                       HKLM\software\wow6432node\microsoft\command
 Oueries value:
processor[pathcompletionchar]
 Queries value:
                       HKLM\software\wow6432node\microsoft\command processor[autorun]
 Oueries value:
                       HKCU\software\microsoft\command processor[disableunccheck]
 Oueries value:
                       HKCU\software\microsoft\command processor[enableextensions]
 Queries value:
                       HKCU\software\microsoft\command processor[delayedexpansion]
 Oueries value:
                       HKCU\software\microsoft\command processor[defaultcolor]
 Queries value:
                       HKCU\software\microsoft\command processor[completionchar]
 Oueries value:
                       HKCU\software\microsoft\command processor[pathcompletionchar]
 Oueries value:
                       HKCU\software\microsoft\command processor[autorun]
 Queries value:
                       HKLM\system\currentcontrolset\control\nls\customlocale[en-us]
 Queries value:
                       HKLM\system\currentcontrolset\control\nls\extendedlocale[en-us]
 Oueries value:
                       HKLM\svstem\currentcontrolset\control\nls\locale[00000409]
 Queries value:
                       HKLM\system\currentcontrolset\control\nls\language groups[1]
 Queries value:
                       HKLM\software\wow6432node\microsoft\windows
nt\currentversion\compatibility32[ping]
                       HKLM\software\microsoft\sqmclient\windows[ceipenable]
 Queries value:
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[winsock_registry_version]
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[namespace_callout]
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[serial_access_num]
                       HKLM\software\wow6432node\microsoft\windows
 Queries value:
nt\currentversion\compatibility32[reg]
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[next_catalog_entry_id]
 Queries value:
HKLM \setminus system \setminus current control set \setminus services \setminus winsock 2 \cap protocol\_catalog = [num\_catalog\_entries]
 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\software\wow6432node\microsoft\windows\currentversion\run[citrixxenappreciever]
                       HKLM\software\wow6432node\microsoft\windows\windows error
reporting\wmr[disable]
 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\000000000006[packedcatalogitem]
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000007[packedcatalogitem]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000008[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]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[serial_access_num]
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[num_catalog_entries]
 Oueries value:
HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace \_catalog5 \ catalog\_entries \ 00000000001 [library path]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[displaystring]
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]
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[enabled]
 Queries value:
Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[storesserviceclassinfo]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[providerinfo]
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000002[librarypath]
 Oueries value:
```

 $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ name space_catalog 5 \ (catalog_entries \ 0000000000002 \ [displaystring]$

- Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[providerid]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[addressfamily]
 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]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[librarypath]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[displaystring]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[providerid]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[addressfamily]
- 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]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[version]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[storesserviceclassinfo] Oueries 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]
 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\000000000004[addressfamily]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\0000000000004[supportednamespace]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[version]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[storesserviceclassinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[providerinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[librarypath]
 Queries 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]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[supportednamespace] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[version]
 Oueries value:
- $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace_catalog5 \ catalog_entries \ 000000000005 \ [storesserviceclassinfo] \ Queries \ value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[providerinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[librarypath]
 Oueries 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\00000000006[providerid]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006[addressfamily]
 Oueries 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\00000000006[enabled]
 Queries value:
- $\label{local-loc$

 $HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ name space_catalog5 \ catalog_entries \ 0000000000006 \ [storesserviceclass info]$

Queries value:

Queries value:

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

Queries value: HKLM\software\microsoft\rpc[maxrpcsize]
Queries value: HKLM\software\wow6432node\microsoft\windows

nt\currentversion\compatibility32[citrixreciever]

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

Queries value:

 $\label{thm:local_hammon_hammon} \begin{tabular}{ll} HKLM \end{tabular} system \current control set \end{tabular} set \color= \color=$

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:

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

Queries value:

Queries value:

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

Sets/Creates value: