Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 627, Task ID: 2453

Task ID: 2453 Risk Level: 6

Date Processed: 2016-02-22 05:32:02 (UTC)

Processing Time: 5.06 seconds
Virtual Environment: IntelliVM

Execution Arguments:

c:\windows\temp\d488539402abae3873b801373dbc898653f51406ddbd1f32cf3c2fd73a9c3174.exe"

Sample ID: 627 Type: basic Owner: admin

Label: d488539402abae3873b801373dbc898653f51406ddbd1f32cf3c2fd73a9c3174

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

File Type: PE32:win32:gui File Size: 327744 bytes

MD5: 08c1a0627200a235be2709d4ef702f3f

SHA256: d488539402abae3873b801373dbc898653f51406ddbd1f32cf3c2fd73a9c3174

Description: None

Pattern Matching Results

2 PE: Nonstandard section

6 Dumps and runs batch script

4 Terminates process under Windows subfolder

4 Self-delete batch script

Static Events

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

Process/Thread Events

Creates process:

C:\windows\temp\d488539402abae3873b801373dbc898653f51406ddbd1f32cf3c2fd73a9c3174.exe ["C:\windows\temp\d488539402abae3873b801373dbc898653f51406ddbd1f32cf3c2fd73a9c3174.exe"]

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

C:\Users\Admin\AppData\Local\Temp\nskmstc.bat]

 $\label{thm:creates} $$\operatorname{Creates\ process:} $$\operatorname{SystemRoot\System32\Conhost.exe} \ [\??\C:\Windows\system32\conhost.exe] $$$

0xffffffff]
Creates process: C:\Users\Admin\AppData\Local\Temp\cdlnfb.exe

Terminates process:

C:\Windows\Temp\d488539402abae3873b801373dbc898653f51406ddbd1f32cf3c2fd73a9c3174.exe

Terminates process: C:\Users\Admin\AppData\Local\Temp\cdlnfb.exe

Terminates process: C:\Windows\SysWOW64\PING.EXE
Terminates process: C:\Windows\SysWOW64\cmd.exe
Terminates process: C:\Windows\System32\conhost.exe

Named Object Events

Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex

File System Events

Opens: C:\Windows\Prefetch\D488539402ABAE3873B801373DBC8-24AF8C8A.pf

Opens: C:\Windows

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

Opens: C:\Windows\SysWOW64

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

Opens:

C:\Windows\SysWOW64\ntdll.dll Opens: Opens: C:\Windows\SysWOW64\kernel32.dll Opens: C:\Windows\SysWOW64\KernelBase.dll Opens: C:\Windows\apppatch\sysmain.sdb C:\Windows\SysWOW64\combase.dll Opens: C:\Windows\SysWOW64\sechost.dll Opens: C:\Windows\SysWOW64\gdi32.dll Opens: C:\Windows\SysWOW64\user32.dll Opens: C:\Windows\SysWOW64\msvcrt.dll Opens:

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C:\Windows\SysWOW64\shell32.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\ole32.dll
                         C:\Windows\SysWOW64\iertutil.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\wininet.dll
 Opens:
                         C:\Windows\SysWOW64\urlmon.dll
 Opens:
                         C:\Windows\SysWOW64\imm32.dll
 Opens:
                         C:\Windows\SysWOW64\msctf.dll
                         C:\Windows\SysWOW64\oleaut32.dll
 Opens:
                         C:\Windows\SysWOW64\advapi32.dll
 Opens:
 Opens:
                         C:\Windows\SysWOW64\uxtheme.dll
 Opens:
                         C:\Windows\SysWOW64\dwmapi.dll
 Opens:
                         C:\Windows\SysWOW64\tzres.dll
 Opens:
                         C:\Windows\SysWOW64\en-US\tzres.dll.mui
 Opens:
                         C:\Windows\Globalization\Sorting\SortDefault.nls
 Opens:
                         C:\Windows\SysWOW64\SHCore.dll
                         C:\Users\Admin\AppData\Local\Temp\nskmstc.bat
 Opens:
 Opens:
                         C:\Users\Admin\AppData\Local\Temp
 Opens:
                         C:\
 Opens:
                         C:\Users
 Opens:
                         C:\Users\Admin
 Opens:
                         C:\Users\Admin\AppData
 Opens:
                         C:\Users\Admin\AppData\Local
                         C:\Windows\SysWOW64\cmd.exe
 Opens:
 Opens:
                         C:\Windows\Prefetch\CMD.EXE-AC113AA8.pf
 Opens:
 Opens:
                         C:\Windows\Globalization
 Opens:
                         C:\Windows\Globalization\Sorting
 Opens:
                         C:\Windows\System32
                         C:\Windows\SysWOW64\wbem
 Opens:
 Opens:
                         C:\Windows\System32\ntdll.dll
 Opens:
                         C:\Windows\System32\wow64win.dll
 Opens:
                         C:\Windows\System32\wow64cpu.dll
 Opens:
                         C:\Windows\System32\kernel32.dll
 Opens:
                         C:\Windows\System32\user32.dll
 Opens:
                         C:\Windows\System32\locale.nls
 Opens:
                         C:\Windows\SysWOW64\wbem\WMIC.exe
 Opens:
                         C:\Windows\System32\conhost.exe
 Opens:
                         C:\Windows\System32\combase.dll
 Opens:
                         C:\Windows\System32\en-US\conhost.exe.mui
 Opens:
                         C:\Windows\System32\ole32.dll
                         C:\Windows\System32\uxtheme.dll
 Opens:
 Opens:
                         C:\Windows\System32\cmd.exe
 Opens:
                         C:\Windows\System32\en-US\cmd.exe.mui
 Opens:
                         C:\Windows\System32\dwmapi.dl1
 Opens:
                         C:\Windows\System32\en-US\user32.dll.mui
 Opens:
                         C:\Windows\system32\uxtheme.dll.Config
                         C:\Windows\WinSxS\amd64_microsoft.windows.common-
 Opens:
controls_6595b64144ccf1df_6.0.9200.16384_none_418c2a697189c07f
                         C:\Windows\WinSxS\amd64_microsoft.windows.common-
 Opens:
controls_6595b64144ccf1df_6.0.9200.16384_none_418c2a697189c07f\comctl32.dll
                         C:\Windows\WindowsShell.Manifest
 Opens:
 Opens:
                         C:\Windows\System32\SHCore.dll
 Opens:
                         C:\Windows\SysWOW64\cmdext.dll
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\nskmstc.bat\
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\aienxg.bat
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\ovsoicof.bat
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\ovsoicof.bat\
 Opens:
                         C:\Users\Admin\AppData\Local\Temp\cdlnfb.exe
 Opens:
                         C:\Windows\Prefetch\CDLNFB.EXE-857B55B3.pf
 Opens:
                         C:\Windows\SysWOW64\dbghelp.dll
 Opens:
                         C:\Windows\SysWOW64\PING.EXE
                         C:\Windows\Prefetch\PING.EXE-371F41E2.pf
 Opens:
 Opens:
                         C:\Windows\SysWOW64\IPHLPAPI.DLL
 Opens:
                         C:\Windows\SysWOW64\winnsi.dll
 Opens:
                         C:\Windows\SysWOW64\nsi.dll
 Opens:
                         C:\Windows\SysWOW64\ws2_32.dll
 Opens:
                         C:\Windows\SysWOW64\mswsock.dll
                         C:\Windows\SysWOW64\en-US\ping.exe.mui
 Opens:
 Opens:
                         C:\Windows\Temp
 Opens:
                         C:\Windows\SysWOW64\en-US\cmd.exe.mui
 Writes to:
                         C:\Users\Admin\AppData\Local\Temp\cdlnfb.exe
 Writes to:
                         C:\Users\Admin\AppData\Local\Temp\aienxg.bat
 Writes to:
                         C:\Users\Admin\AppData\Local\Temp\nskmstc.bat
 Reads from:
                         C:\Users\Admin\AppData\Local\Temp\nskmstc.bat
 Reads from:
                         C:\Windows\Prefetch\CMD.EXE-AC113AA8.pf
 Reads from:
                         C:\Users\Admin\AppData\Local\Temp\aienxg.bat
 Reads from:
                         C:\Users\Admin\AppData\Local\Temp\cdlnfb.exe
 Reads from:
                         C:\Windows\SysWOW64\PING.EXE
 Deletes:
                         C:\Users\Admin\AppData\Local\Temp\aienxg.bat
```

Windows Registry Events

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\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\currentcontrol\st\control\nis\language

Opens key: HKLM\system\currentcontrol\set\control\mui\uilanguages

Opens key: HKLM\system\currentcontrol\set\control\mui\uilanguages\en-us

Opens key: HKLM\system\currentcontrol\set\control\mui\uilanguages\pendingdelete

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

Opens less.

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

Opens key: HKCU\

Opens key: HKCU\control panel\desktop\muicached\machinelanguageconfiguration
Opens key: HKLM\system\currentcontrol\set\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\currentcontrol\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

 $nt \verb|\currentversion| app compatflags \verb|\disable8| and 16 bit mitigation$

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\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\

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

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

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

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

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

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

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

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Opens key: HKLM\system\currentcontrol\set\control\nls\extendedlocale
Opens key: HKLM\system\currentcontrol\set\control\session manager
Opens key: HKLM\system\currentcontrol\set\control\cmf\config

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

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

Opens key: HKCU\software\microsoft\internet explorer\main

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

Opens key: HKLM\software\microsoft\windows

nt\currentversion\appcompatflags\custom\nskmstc.bat

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\software\microsoft\windows nt\currentversion\image file execution

options\conhost.exe

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

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

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

Opens key: HKLM\software\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\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

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

Oueries value:

 $\label{lem:hamman} HKLM\software\policies\microsoft\windows\safer\codeidentifiers[transparentenabled] \\ Queries\ value: HKLM\system\currentcontrolset\control\nls\customlocale[empty]]$

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:

 $HKLM \setminus software \setminus wow 6432 node \setminus microsoft \setminus windows \setminus current version \setminus side by side [preferex ternal manifest]$

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

Queries value: HKCU\software\microsoft\windows

nt\currentversion\appcompatflags[showdebuginfo]

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[d488539402abae3873b801373dbc898653f51406ddbd1f32cf3c2fd73a9c3174.exe]

Queries value: HKLM\software\microsoft\windows

nt\currentversion\compatibility32[d488539402abae3873b801373dbc898653f51406ddbd1f32cf3c2fd73a9c3174]

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\currentcontrol\set\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\software\microsoft\sqmclient\windows[ceipenable]
Queries value: HKLM\system\currentcontrol\set\control\nls\customlocale[en-us]
Queries value: HKLM\system\currentcontrol\set\control\nls\extendedlocale[en-us]

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

Queries value: HKLM\system\currentcontrolset\config[system] Queries value: HKLM\software\wow6432node\microsoft\windows\windows error

reporting\wmr[disable]

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

 Queries value:
 HKLM\system\currentcontrolset\control\nls\sorting\ids[en-us]

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

 Queries value:
 HKCU\software\microsoft\internet explorer\main[start page]

 Queries value:
 HKCU\software\microsoft\windows\currentversion\explorer\shell

folders[cache]
Queries value:

Oueries value:

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

Queries value: HKLM\software\microsoft\windows

nt\currentversion\compatibility32[conhost]

Queries value: HKLM\software\microsoft\windows

nt\currentversion\windows[loadappinit_dlls]

Queries value: HKCU\console[screencolors] HKCU\console[popupcolors] Oueries value: Queries value: HKCU\console[insertmode] HKCU\console[quickedit] Oueries value: Oueries value: HKCU\console[codepage] Oueries value: HKCU\console[screenbuffersize] Queries value: HKCU\console[windowsize] Queries value: HKCU\console[windowposition] Queries value: HKCU\console[fontsize] HKCU\console[fontfamily] Oueries value:

 Queries value:
 HKCU\console[facename]

 Queries value:
 HKCU\console[cursorsize]

Queries value: HKCU\console[historybuffersize]
Queries value: HKCU\console[numberofhistorybuffers]

HKCU\console[fontweight]

```
Oueries value:
                         HKCU\console[colortable001
 Oueries value:
                         HKCU\console[colortable01]
 Queries value:
                         HKCU\console[colortable02]
 Oueries value:
                         HKCU\console[colortable031
 Queries value:
                         HKCU\console[colortable04]
 Oueries value:
                         HKCU\console[colortable05]
 Oueries value:
                         HKCU\console[colortable061
 Oueries value:
                         HKCU\console[colortable07]
 Oueries value:
                         HKCU\console[colortable08]
 Oueries value:
                         HKCU\console[colortable091
 Queries value:
                         HKCU\console[colortable10]
 Oueries value:
                         HKCU\console[colortable11]
 Oueries value:
                         HKCU\console[colortable12]
 Queries value:
                         HKCU\console[colortable13]
 Queries value:
                         HKCU\console[colortable14]
 Oueries value:
                         HKCU\console[colortable151
 Queries value:
                         HKCU\console[loadconime]
 Oueries value:
                         HKCU\console[extendededitkey]
 Oueries value:
                         HKCU\console[extendededitkeycustom]
 Queries value:
                         HKCU\console[worddelimiters]
 Queries value:
                         HKCU\console[trimleadingzeros]
                         HKCU\console[enablecolorselection]
 Oueries value:
 Queries value:
                         HKCU\console[scrollscale]
 Queries value:
                         HKLM\system\currentcontrolset\control\session
manager[safeprocesssearchmode]
                         HKLM\system\currentcontrolset\control\nls\locale[00000409]
 Queries value:
 Queries value:
                         HKLM\system\currentcontrolset\control\nls\language groups[1]
                         Oueries value:
 Queries value:
                         HKLM\software\microsoft\windows\windows error reporting\wmr[disable]
 Oueries value:
HKLM\software\microsoft\windows\currentversion\policies\explorer[turnoffspianimations]
                         HKLM\software\wow6432node\microsoft\command processor[disableunccheck]
 Queries value:
 Queries value:
                         HKLM\software\wow6432node\microsoft\command processor[enableextensions]
 Oueries value:
                         HKLM\software\wow6432node\microsoft\command processor[delayedexpansion]
                         HKLM\software\wow6432node\microsoft\command processor[defaultcolor]
 Queries value:
                         HKLM\software\wow6432node\microsoft\command processor[completionchar]
 Oueries value:
 Oueries value:
                         HKLM\software\wow6432node\microsoft\command
processor[pathcompletionchar]
                         HKLM\software\wow6432node\microsoft\command processor[autorun]
 Queries value:
 Oueries value:
                         HKCU\software\microsoft\command processor[disableunccheck]
                         HKCU\software\microsoft\command processor[enableextensions]
 Queries value:
 Oueries value:
                         HKCU\software\microsoft\command processor[delayedexpansion]
 Oueries value:
                         HKCU\software\microsoft\command processor[defaultcolor]
 Oueries value:
                         HKCU\software\microsoft\command processor[completionchar]
 Queries value:
                         HKCU\software\microsoft\command processor[pathcompletionchar]
 Queries value:
                         HKCU\software\microsoft\command processor[autorun]
 Queries value:
                         HKLM\software\policies\microsoft\windows\safer\codeidentifiers[levels]
 Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[defaultlevel]
 Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[saferflags]
 Queries value:
                         HKLM\system\currentcontrolset\control\srp\gp[rulecount]
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[policyscope]
 Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[logfilename]
 Oueries value:
HKLM\software\microsoft\windows nt\currentversion\image file execution
 Queries value:
options\dllnxoptions[cdlnfb.exe]
 Oueries value:
                         HKLM\software\wow6432node\microsoft\windows
nt\currentversion\compatibility32[cdlnfb]
                         HKLM\software\wow6432node\microsoft\internet explorer[version]
 Oueries 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]
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[next_catalog_entry_id]
 Oueries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9[num_catalog_entries]
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\00000000001[packedcatalogitem]
 Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000002[packedcatalogitem]
 Oueries value:
HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ protocol\_catalog \ entries \ 0000000000003 \ [packed catalog item]
```

 $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ protocol_catalog \ entries \ (0000000000004 [packed catalog item]) \ details \$

HKCU\console[historynodup]

Oueries value:

Queries value:

Queries value:

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

- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000008[packedcatalogitem]

 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\protocol_catalog9\catalog_entries\000000000009[packedcatalogitem]

 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[serial_access_num]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5[num_catalog_entries]
 Oueries value:
- $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ names pace_catalog 5 \ catalog_entries \ 000000000001 [library path] \ Queries \ value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[displaystring]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[providerid]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[addressfamily]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[supportednamespace] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000001[version] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[storesserviceclassinfo]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001[providerinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[librarypath]
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[displaystring]
 Oueries value:
- $HKLM \ system \ current controls et \ services \ winsock 2 \ parameters \ names pace_catalog 5 \ catalog_entries \ 00000000000002 [providerid] \ Oueries \ value:$
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002[addressfamily]
- 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]
- 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]
 Queries 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]
 Oueries 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\00000000003[enabled]
 Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[version]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000003[storesserviceclassinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000003[providerinfo] Oueries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[librarypath]
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[displaystring] Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[providerid]
 Oueries value:
- HKLM\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]
 Queries value:
- HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000004[enabled]
 Oueries value:
- $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace_catalog \ set alog_entries \ 000000000000004 \ [version]$

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\000000000005[librarypath]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[displaystring]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[providerid]
Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[addressfamily]
Oueries 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]
 Oueries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\00000000005[version] Queries value:

HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000005[storesserviceclassinfo]
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:

 $HKLM \ system \ (current control set \ services \ winsock 2 \ parameters \ names pace_catalog 5 \ catalog_entries \ 0000000000006 \ [displaystring] \ Queries \ value:$

 $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ namespace_catalog \ solves \ value:$

 $HKLM \ system \ current control set \ services \ winsock 2 \ parameters \ names pace_catalog 5 \ catalog_entries \ 00000000000006 [address family] \\ Queries \ value:$

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]
Oueries value:

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

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

HKLM\system\currentcontrolset\services\winsock2\parameters[ws2_32numhandlebuckets]

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

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

 $\label{thm:current} Queries \ value: \\ HKLM\system\current control set\services\winsock\setup \\$

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]

Oueries value:

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

Sets/Creates value:

 $HKLM \setminus software \setminus wow6432 node \setminus microsoft \setminus windows \setminus current version \setminus date time [index]$