# Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 75, Task ID: 299

Task ID: 299 Risk Level: 1

Date Processed: 2016-04-28 12:55:39 (UTC)

Processing Time: 61.12 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\ca3224d4e0889ee8fb5cd5f181f77120.exe"

Sample ID: 75
Type: basic
Owner: admin

Label: ca3224d4e0889ee8fb5cd5f181f77120

Date Added: 2016-04-28 12:44:57 (UTC)

File Type: PE32:win32:gui File Size: 425984 bytes

MD5: ca3224d4e0889ee8fb5cd5f181f77120

SHA256: 9c334211422ddf7f0895acd1061733b2d270b7b909314703d7f254bffb16f9fa

Description: None

## Pattern Matching Results

#### Process/Thread Events

Creates process: C:\WINDOWS\Temp\ca3224d4e0889ee8fb5cd5f181f77120.exe

["c:\windows\temp\ca3224d4e0889ee8fb5cd5f181f77120.exe" ]

# Named Object Events

Creates mutex: \BaseNamedObjects\CTF.LBES.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.Compart.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.Asm.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.Layouts.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.TMD.MutexDefaultS-1-5-21-1757981266-507921405-

1957994488-1003

Creates mutex: \BaseNamedObjects\CTF.TimListCache.FMPDefaultS-1-5-21-1757981266-

507921405-1957994488-1003MUTEX.DefaultS-1-5-21-1757981266-507921405-1957994488-1003

Creates mutex: \BaseNamedObjects\MSCTF.Shared.MUTEX.EM

Creates semaphore: \BaseNamedObjects\C:?WINDOWS?TEMP?CA3224D4E0889EE8FB5CD5F181F77120.EXE

Creates semaphore: \BaseNamedObjects\shell.{A48F1A32-A340-11D1-BC6B-00A0C90312E1}

### File System Events

Opens: C:\Documents and Settings\Admin Opens: C:\WINDOWS\system32\msvbvm60.dll Opens: C:\WINDOWS\system32\imm32.dl1 Opens: C:\WINDOWS\system32\rpcss.dll Opens: C:\WINDOWS\system32\MSCTF.dll Opens: C:\WINDOWS\system32\sxs.dll Opens: C:\WINDOWS\system32\MSCTFIME.IME C:\WINDOWS\system32\clbcatq.dll Opens: C:\WINDOWS\system32\comres.dll Opens:

Opens: C:\WINDOWS\Registration\R00000000007.clb

Opens: C:\WINDOWS\system32\shell32.dll

Opens: C:\WINDOWS\system32\shell32.dll.124.Manifest
Opens: C:\WINDOWS\system32\shell32.dll.124.Config

Opens: C:\WINDOWS\WinSxS\x86\_Microsoft.Windows.Common-

Controls\_6595b64144ccf1df\_6.0.2600.5512\_x-ww\_35d4ce83

Opens: C:\WINDOWS\WinSxS\x86\_Microsoft.Windows.Common-

Controls\_6595b64144ccf1df\_6.0.2600.5512\_x-ww\_35d4ce83\comctl32.dll

C:\WINDOWS\WindowsShell.Manifest Opens: Opens: C:\WINDOWS\WindowsShell.Config Opens: C:\WINDOWS\Fonts\sserife.fon Opens: C:\WINDOWS\system32\uxtheme.dll Opens: C:\WINDOWS\system32\asycfilt.dll Opens: C:\WINDOWS\Fonts\CALIBRIZ.TTF Opens: C:\WINDOWS\Fonts\verdana.ttf Opens: C:\WINDOWS\Fonts\CALIBRIB.TTF

Reads from: C:\WINDOWS\Registration\R0000000007.clb

# Windows Registry Events

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

options\ca3224d4e0889ee8fb5cd5f181f77120.exe

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

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

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

options\gdi32.dll

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

options\user32.dll

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

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

options\imm32.dll

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

options\ntdll.dll

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

options\kernel32.dll

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

options\secur32.dll

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

options\rpcrt4.dll

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

options\advapi32.dll

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

options\msvcrt.dll

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

options\ole32.dll

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

options\oleaut32.dll

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

options\msvbvm60.dll

Opens key: HKLM\system\currentcontrolset\control\error message instrument\
Opens key: HKLM\system\currentcontrolset\control\error message instrument
Opens key: HKLM\software\microsoft\windows nt\currentversion\gre\_initialize
Opens key: HKLM\software\microsoft\windows nt\currentversion\compatibility32
Opens key: HKLM\software\microsoft\windows nt\currentversion\ime compatibility

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

Opens key: HKLM\

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

Opens key: HKLM\software\microsoft\ole

Opens key: HKCR\interface

Opens key: HKCR\interface\{00020400-0000-0000-0000-000000000046}

Opens key: HKLM\software\microsoft\oleaut

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

Opens key: HKCU\

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

Opens key: HKCU\control panel\desktop

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

options\msctf.dll

Opens key:

HKLM\software\microsoft\ctf\compatibility\ca3224d4e0889ee8fb5cd5f181f77120.exe

Opens key: HKLM\software\microsoft\ctf\systemshared\

Opens key: HKCU\keyboard layout\toggle
Opens key: HKLM\software\microsoft\ctf\

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

options\sxs.dll

Opens key: HKLM\system\setup

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

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

options\version.dll

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

options\msctfime.ime

Opens key: HKCU\software\microsoft\ctf

Opens key: HKLM\software\microsoft\ctf\systemshared

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

Opens key: HKLM\software\microsoft\vba\monitors

Opens key: HKLM\software\microsoft\com3

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

options\comres.dll

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

options\clbcatq.dll

Opens key: HKLM\software\microsoft\com3\debug

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

Opens key: HKU\
Opens key: HKCR\clsid

Opens key: HKCU\software\classes\clsid\{3cd9dba0-6409-4c4d-a3cd-742c7e99f176}

Opens key: HKCR\clsid\{3cd9dba0-6409-4c4d-a3cd-742c7e99f176}

Opens key: HKCU\software\classes\clsid\{a57f28d5-96b7-46ce-859b-128ab69b3234}

Opens key: HKCR\clsid\{a57f28d5-96b7-46ce-859b-128ab69b3234}

Opens key: HKCU\software\classes\clsid\{cc4a6592-195d-4ae0-93ac-604557c39ff7}

Opens key: HKCR\clsid\{cc4a6592-195d-4ae0-93ac-604557c39ff7}

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

options\shlwapi.dll

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

options\shell32.dll

Opens key:

HKLM\software\microsoft\windows\currentversion\sidebyside\assemblystorageroots

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

options\comctl32.dll

Opens key: HKCU\software\microsoft\windows\currentversion\explorer\advanced
Opens key: HKLM\software\microsoft\windows nt\currentversion\languagepack

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

options\uxtheme.dll

Opens key: HKCU\software\microsoft\windows\currentversion\thememanager

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

options\asycfilt.dll

Opens key: HKCU\software\microsoft\ctf\langbaraddin\
Opens key: HKLM\software\microsoft\ctf\langbaraddin\

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

Queries value:

HKLM\software\policies\microsoft\windows\safer\codeidentifiers[transparentenabled]

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

Queries value: HKLM\software\microsoft\windows

nt\currentversion\gre\_initialize[disablemetafiles]

Queries value: HKLM\software\microsoft\windows

nt\currentversion\compatibility32[ca3224d4e0889ee8fb5cd5f181f77120]

Queries value: HKLM\software\microsoft\windows nt\currentversion\ime

compatibility[ca3224d4e0889ee8fb5cd5f181f77120]

Queries value: HKLM\software\microsoft\windows nt\currentversion\windows[appinit\_dlls]
Queries value: HKLM\system\currentcontrolset\control\terminal server[tsuserenabled]
Queries value: HKLM\software\microsoft\windows nt\currentversion\winlogon[leaktrack]

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

manager[criticalsectiontimeout]

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

Queries value: HKCR\interface[interfacehelperdisableall]

Queries value: HKCR\interface[interfacehelperdisableallforole32]
Queries value: HKCR\interface[interfacehelperdisabletypelib]
Queries value: HKCR\interface\{00020400-0000-0000-c000-

00000000046}[interfacehelperdisableall]

Oueries value: HKCR\interface\{00020400-0000-0000-c000-

00000000046}[interfacehelperdisableallforole32]

Queries value: HKCU\control panel\desktop[multiuilanguageid]
Queries value: HKLM\software\microsoft\ctf\systemshared[cuas]
Queries value: HKCU\keyboard layout\toggle[language hotkey]

Queries value: HKCU\keyboard layout\toggle[hotkey]

Queries value: HKCU\keyboard layout\toggle[layout hotkey]
Queries value: HKLM\software\microsoft\ctf[enableanchorcontext]
Queries value: HKLM\system\currentcontrolset\control\session

manager[safeprocesssearchmode]

Queries value: HKLM\software\microsoft\windows nt\currentversion\imm[ime file]

Queries value: HKCU\software\microsoft\ctf[disable thread input manager]
Queries value: HKLM\system\currentcontrolset\control\nls\codepage[932]
Queries value: HKLM\system\currentcontrolset\control\nls\codepage[949]
Queries value: HKLM\system\currentcontrolset\control\nls\codepage[950]
Queries value: HKLM\system\currentcontrolset\control\nls\codepage[936]

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

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

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

Queries value: HKLM\software\microsoft\com3[regdbversion]
Queries value: HKLM\system\setup[systemsetupinprogress]
Queries value: HKCU\control panel\desktop[smoothscroll]

Queries value:

 $\label{lem:hkcu} \begin{tabular}{ll} HKCU \software \microsoft \windows \current version \explorer \advanced \cite{lem:hkcu} enable \ci$ 

Queries value: HKCU\software\microsoft\windows\currentversion\thememanager[compositing]

Queries value: HKCU\control panel\desktop[lamebuttontext]
Value changes: HKLM\software\microsoft\cryptography\rng[seed]