# Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 247, Task ID: 986

Task ID: 986 Risk Level: 5

Date Processed: 2016-04-28 13:14:19 (UTC)

Processing Time: 61.11 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\28dfe62494dde9ffffaa5699b6bbc526.exe"

Sample ID: 247
Type: basic
Owner: admin

Label: 28dfe62494dde9ffffaa5699b6bbc526

Date Added: 2016-04-28 12:45:15 (UTC)

File Type: PE32:win32:gui File Size: 481280 bytes

MD5: 28dfe62494dde9ffffaa5699b6bbc526

SHA256: 42f56732be91f76f24e446079358e2bec7520c555cde68594311d10bb49dd886

Description: None

# Pattern Matching Results

2 PE: Nonstandard section

5 Packer: UPX

4 Checks whether debugger is present

5 PE: Contains compressed section

#### Static Events

Anomaly: PE: Contains a virtual section

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

Packer: UPX

### Process/Thread Events

Creates process: C:\windows\temp\28dfe62494dde9ffffaa5699b6bbc526.exe

["C:\windows\temp\28dfe62494dde9ffffaa5699b6bbc526.exe"]

# Named Object Events

Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex

# File System Events

Opens: C:\Windows\Prefetch\28DFE62494DDE9FFFFAA5699B6BBC-51A5AA0B.pf

Opens: C:\Windows

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

Opens: C:\Windows\SysWOW64

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

Opens: C:\Windows\Temp\28dfe62494dde9ffffaa5699b6bbc526.exe

Opens: C:\Windows\SysWOW64\ntdl1.dl1
Opens: C:\Windows\SysWOW64\kernel32.dl1
Opens: C:\Windows\SysWOW64\KernelBase.dl1
Opens: C:\Windows\apppatch\sysmain.sdb

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

controls\_6595b64144ccf1df\_6.0.9200.16384\_none\_893961408605e985

Opens: C:\Windows\WinSxS\x86\_microsoft.windows.common-controls 6595b64144ccf1df 6.0.9200.16384 none 893961408605e985\comct132.dll

Opens: C:\Windows\SysWOW64\msimg32.dll
Opens: C:\Windows\SysWOW64\version.dll
Opens: C:\Windows\SysWOW64\winspool.drv

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

Opens: C:\Windows\SysWOW64\cryptbase.dll Opens: C:\Windows\SysWOW64\sspicli.dll C:\Windows\SysWOW64\rpcrt4.dll Opens: Opens: C:\Windows\SysWOW64\advapi32.dll Opens: C:\Windows\SysWOW64\user32.dll Opens: C:\Windows\SysWOW64\gdi32.dll Opens: C:\Windows\SysWOW64\shlwapi.dll Opens: C:\Windows\SysWOW64\shell32.dll Opens: C:\Windows\SysWOW64\comdlg32.dll Opens: C:\Windows\SysWOW64\ole32.dll Opens: C:\Windows\SysWOW64\oleaut32.dll Opens: C:\Windows\SysWOW64\imm32.dll Opens: C:\Windows\SysWOW64\msctf.dll Opens: C:\Windows\WindowsShell.Manifest

Opens: C:\Windows\Temp

Opens: C:\Windows\SysWOW64\uxtheme.dll
Opens: C:\Windows\SysWOW64\dwmapi.dll

Opens: C:\Windows\Globalization\Sorting\SortDefault.nls
Opens: C:\Windows\WinSxS\x86\_microsoft.windows.c..controls.resources\_6595b64144ccf1df\_6.0.9200.16384\_en-us\_9f44aa25b2ac1b72
Opens: C:\Windows\WinSxS\x86 microsoft.windows.c..-

controls.resources\_6595b64144ccf1df\_6.0.9200.16384\_en-us\_9f44aa25b2ac1b72\comctl32.dll.mui

Opens: C:\Windows\SysWOW64\duser.dll
Opens: C:\Windows\SysWOW64\xmllite.dll

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

Opens: C:\Windows\Fonts\StaticCache.dat
Reads from: C:\Windows\Fonts\StaticCache.dat

## Windows Registry Events

Opens key: HKLM\software\microsoft\wow64

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

 $HKLM \verb|\software\\| wow 6432 node\\| microsoft\\| windows\\| current version\\| side by side\\| assembly storage roots$ 

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\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\windows

nt\currentversion\gre\_initialize

Opens kev: 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\software\wow6432node\microsoft\ole

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

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

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

Opens key: HKCU\software\embarcadero\locales

Opens key: HKLM\software\wow6432node\embarcadero\locales

Opens key: HKCU\software\codegear\locales

Opens key: HKLM\software\wow6432node\codegear\locales

Opens key: HKCU\software\borland\locales

Opens key: HKCU\software\borland\delphi\locales

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

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

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

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

Opens key: HKLM\system\currentcontrolset\control\nls\language groups

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

nt\currentversion\fontsubstitutes

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

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\currentcontrol\set\control\keyboard layouts\04090409

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

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

Opens key: HKLM\software\microsoft\windows nt\currentversion\fontlink\systemlink

Opens key: HKLM\software\microsoft\windows

nt\currentversion\languagepack\datastore\_v1.0

Opens key: HKLM\software\microsoft\windows

nt\currentversion\languagepack\surrogatefallback

Opens key: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback\segoe ui

Opens key:

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

Opens key: HKLM\software\wow6432node\microsoft\ctf\knownclasses

Opens key:

HKLM\software\wow6432node\microsoft\windows\currentversion\policies\explorer

Opens key: HKLM\software\microsoft\windows\currentversion\policies\explorer
Opens key: HKCU\software\microsoft\windows\currentversion\policies\explorer
Queries 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\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\currentcontrol\set\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[28dfe62494dde9ffffaa5699b6bbc526.exe]

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

Queries value: HKLM\system\currentcontrolset\control\lsa[fipsalgorithmpolicy]

Queries value: HKLM\software\microsoft\windows

nt\currentversion\gre\_initialize[disablemetafiles]

Queries value: HKLM\software\wow6432node\microsoft\windows nt\currentversion\compatibility32[28dfe62494dde9ffffaa5699b6bbc526]
Queries value: HKLM\software\wow6432node\microsoft\windows

nt\currentversion\windows[loadappinit\_dlls]

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\control\nls\customlocale[en-us]

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

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

reporting\wmr[disable]

Queries value: HKLM\system\currentcontrolset\control\nls\locale[00000409]

Queries value: HKLM\system\currentcontrolset\control\nls\language groups[1]

Queries value: HKLM\software\microsoft\windows nt\currentversion\fontsubstitutes[ms

shell dlg 2]

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

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\software\microsoft\windows
nt\currentversion\languagepack\datastore\_v1.0[disable]
Queries value: HKLM\software\microsoft\windows
nt\currentversion\languagepack\datastore\_v1.0[datafilepath]
Queries value: HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane1]

Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane2] Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane3]

Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane4] Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane5]

Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane6]

Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane7] Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane8]

Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane9]

Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane10]

HKLM\software\microsoft\windows Queries value: nt\currentversion\languagepack\surrogatefallback[plane11] Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane12] Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane13] HKLM\software\microsoft\windows Queries value: nt\currentversion\languagepack\surrogatefallback[plane14] HKLM\software\microsoft\windows Queries value: nt\currentversion\languagepack\surrogatefallback[plane15] Queries value: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback[plane16]

Queries value: HKLM\software\wow6432node\microsoft\ctf[enableanchorcontext]

Queries value:

 $HKLM \setminus software \setminus microsoft \setminus windows \setminus current version \setminus policies \setminus explorer[turn off spianimations]$