# Malware Analysis Appliance by Blue Coat Systems, Inc.

Task Details

Host: mag2, Sample ID: 146, Task ID: 584

Task ID: 584 Risk Level: 4

Date Processed: 2016-04-28 13:03:06 (UTC)

Processing Time: 61.26 seconds
Virtual Environment: IntelliVM

Execution Arguments: "c:\windows\temp\09a1d68170aa1e501c394c62bdebc8ba.exe"

Sample ID: 146 Type: basic Owner: admin

Label: 09a1d68170aa1e501c394c62bdebc8ba

Date Added: 2016-04-28 12:45:05 (UTC)

File Type: PE32:win32:gui File Size: 672600 bytes

MD5: 09a1d68170aa1e501c394c62bdebc8ba

SHA256: 1acd2c202ca78192923a5dd2e519805e8221e0b14286925d3a1e4c3cb6add016

Description: None

### Pattern Matching Results

3 Writes to a log file [Info]

4 Checks whether debugger is present

#### Process/Thread Events

Creates process: C:\windows\temp\09a1d68170aa1e501c394c62bdebc8ba.exe

["C:\windows\temp\09a1d68170aa1e501c394c62bdebc8ba.exe" ]

### Named Object Events

Creates mutex: \Sessions\1\BaseNamedObjects\DBWinMutex

Creates mutex: \Sessions\1\BaseNamedObjects\CicLoadWinStaWinSta0

Creates mutex: \Sessions\1\BaseNamedObjects\MSCTF.CtfMonitorInstMutexDefault1
Creates event: \Sessions\1\BaseNamedObjects\MSCTF.CtfActivated.Default1

## File System Events

Creates: C:\Users\Admin\AppData\Local\Temp\VSDB4F6.tmp

Creates: C:\Users\Admin\AppData\Local\Temp\VSDB4F6.tmp\install.log
Opens: C:\Windows\Prefetch\09A1D68170AA1E501C394C62BDEBC-04770F60.pf

Opens: C:\Windows\System32

 ${\tt Opens:} \qquad {\tt C:\Windows\Globalization\Sorting\SortDefault.nls}$ 

Opens: C:\Users\Admin\AppData\Local\Temp\VSDB4F6.tmp

 Opens:
 C:\

 Opens:
 C:\Users

 Opens:
 C:\Users\Admin

 Opens:
 C:\Users\Admin\AppData

 Opens:
 C:\Users\Admin\AppData\Local

Opens: C:\Users\Admin\AppData\Local\Temp\VSDB4F6.tmp\

Opens: C:\windows\temp\09a1d68170aa1e501c394c62bdebc8ba.exe.Local\

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

 $controls\_6595b64144ccf1df\_6.0.7601.17514\_none\_41e6975e2bd6f2b2$ 

Opens: C:\Windows\winsxs\x86\_microsoft.windows.common-controls\_6595b64144ccf1df\_6.0.7601.17514\_none\_41e6975e2bd6f2b2\comctl32.dll

 Opens: C:\windows\temp\PROPSYS.dll
Opens: C:\Windows\System32\propsys.dll
Opens: C:\Windows\System32\shell32.dll

Opens: C:\Windows
Opens: C:\Windows\Temp

Writes to: C:\Users\Admin\AppData\Local\Temp\VSDB4F6.tmp\install.log

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

Deletes: C:\Users\Admin\AppData\Local\Temp\VSDB4F6.tmp

#### Windows Registry Events

Opens key: HKLM\system\currentcontrolset\control\session manager
Opens key: HKLM\system\currentcontrolset\control\safeboot\option
Opens key: HKLM\system\currentcontrolset\control\srp\gp\dll

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

Opens key: HKCU\

Opens key: HKCU\control panel\desktop\muicached\machinelanguageconfiguration

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

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\microsoft\windows\currentversion\sidebyside
Opens key: HKLM\system\currentcontrolset\control\nls\sorting\versions
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\

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

Opens key: HKLM\software\microsoft\ole

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

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

Opens key: HKLM\software\microsoft\oleaut

Opens key: HKLM\system\currentcontrolset\services\crypt32

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

settings

Opens key: HKLM\system\currentcontrolset\control\nls\customlocale
Opens key: HKLM\system\currentcontrolset\control\nls\extendedlocale
Opens key: HKCU\software\microsoft\windows\currentversion\runonce

Opens key:

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

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

Opens key: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback\ms shell dlg 2

Opens key: HKLM\software\microsoft\net framework setup\ndp\v3.5

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

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

Opens key:

Opens key: HKCU\software\classes\

Opens key: HKCU\software\classes\clsid\{20d04fe0-3aea-1069-a2d8-

08002b30309d}\shellfolder

Opens key: HKCR\clsid\{20d04fe0-3aea-1069-a2d8-08002b30309d}\shellfolder

Opens key: HKCU\software\microsoft\windows\currentversion\explorer\clsid\{20d04fe0-

3aea-1069-a2d8-08002b30309d}\shellfolder

Opens key: HKLM\software\microsoft\windows\currentversion\explorer\clsid\{20d04fe0-

3aea-1069-a2d8-08002b30309d}\shellfolder

Opens key: HKCU\software\microsoft\windows\currentversion\policies\nonenum
Opens key: HKLM\software\microsoft\windows\currentversion\policies\nonenum

Opens key:

HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume

Opens kev:

11e3-b3bc-806e6f6e6963}\

Opens key: HKCU\software\classes\drive\shellex\folderextensions

Opens key: HKCR\drive\shellex\folderextensions

Opens key: HKCU\software\classes\drive\shellex\folderextensions\{fbeb8a05-beee-

4442-804e-409d6c4515e9}

Opens key: HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-

409d6c4515e9}

Opens key: HKLM\software\policies\microsoft\windows\explorer
Opens key: HKCU\software\policies\microsoft\windows\explorer

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

Opens key: HKCU\software\microsoft\windows\currentversion\explorer\advanced

Opens key:

 $HKLM \verb|\software\microsoft\windows\shell\registered applications \verb|\urlassociations\directory\open with progids and the state of the$ 

Opens key:

HKCU\software\microsoft\windows\shell\associations\urlassociations\directory

Opens key: HKCU\software\classes\directory

Opens key: HKCR\directory

Opens key: HKCU\software\classes\directory\curver

Opens key: HKCR\directory\curver
Opens key: HKCR\directory\

Opens key: HKCU\software\classes\directory\shellex\iconhandler

Opens key: HKCR\directory\shellex\iconhandler
Opens key: HKCU\software\classes\folder

Opens key: HKCR\folder

Opens key: HKCU\software\classes\folder\shellex\iconhandler

Opens key: HKCR\folder\shellex\iconhandler

Opens key: HKCU\software\classes\allfilesystemobjects

Opens key: HKCR\allfilesystemobjects

Opens key: HKCU\software\classes\allfilesystemobjects\shellex\iconhandler

Opens key: HKCR\allfilesystemobjects\shellex\iconhandler
Opens key: HKCU\software\classes\directory\docobject

Opens key: HKCR\directory\docobject

Opens key: HKCU\software\classes\folder\docobject

Opens key: HKCR\folder\docobject

Opens key: HKCU\software\classes\allfilesystemobjects\docobject

Opens key: HKCR\allfilesystemobjects\docobject

Opens key: HKCU\software\classes\directory\browseinplace

Opens key: HKCR\directory\browseinplace

Opens key: HKCU\software\classes\folder\browseinplace

Opens key: HKCR\folder\browseinplace

Opens key: HKCU\software\classes\allfilesystemobjects\browseinplace

Opens key: HKCR\allfilesystemobjects\browseinplace
Opens key: HKCU\software\classes\directory\clsid

Opens key: HKCR\directory\clsid

Opens key: HKCU\software\classes\folder\clsid

Opens key: HKCR\folder\clsid

Opens key: HKCU\software\classes\allfilesystemobjects\clsid

Opens key: HKCR\allfilesystemobjects\clsid

Opens key: HKLM\system\currentcontrolset\control\cmf\config

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

Opens key: HKLM\software\microsoft\windows nt\currentversion\languagepack\surrogatefallback\ms shell dlg

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

Opens key: HKLM\software\microsoft\rpc

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

Opens key: HKLM\system\setup

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

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

Opens key:

```
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume\{69d250e3-6c18-
11e3-b3bc-806e6f6e6963}\
  Queries value:
                                      HKLM\system\currentcontrolset\control\session
manager[cwdillegalindllsearch]
  Oueries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[transparentenabled]
  Queries value:
                                      HKCU\control panel\desktop[preferreduilanguages]
                                      HKCU\control panel\desktop\muicached[machinepreferreduilanguages]
  Oueries value:
  Oueries value:
HKLM\software\microsoft\windows\currentversion\sidebyside[preferexternalmanifest]
  Queries value:
                                      HKLM\system\currentcontrolset\control\nls\sorting\versions[]
  Oueries value:
                                      HKLM\system\currentcontrolset\control\session manager[safedllsearchmode]
  Oueries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\gre initialize[disablemetafiles]
  Oueries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\compatibility32[09a1d68170aa1e501c394c62bdebc8ba]
                                     HKLM\software\microsoft\windows
  Oueries value:
nt\currentversion\windows[loadappinit_dlls]
  Queries value:
                                      HKLM\software\microsoft\ole[pageallocatorusesystemheap]
  Queries value:
                                      HKLM\software\microsoft\ole[pageallocatorsystemheapisprivate]
  Queries value:
                                      HKLM\system\currentcontrolset\services\crypt32[debugheapflags]
  Oueries value:
                                      HKLM\software\microsoft\windows\currentversion\internet
settings[disableimprovedzonecheck]
                                      HKLM\software\policies\microsoft\windows\currentversion\internet
  Queries value:
settings[security_hklm_only]
  Queries value:
                                      HKLM\system\currentcontrolset\control\nls\customlocale[en-us]
                                      Queries value:
  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\languagepack\datastore_v1.0[disable]
  Queries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\datastore_v1.0[datafilepath]
  Oueries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane1]
                                      HKLM\software\microsoft\windows
  Oueries value:
nt\currentversion\languagepack\surrogatefallback[plane2]
  Queries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane3]
  Oueries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane4]
                                      HKLM\software\microsoft\windows
  Oueries value:
nt\currentversion\languagepack\surrogatefallback[plane5]
  Oueries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane6]
  Queries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane7]
  Oueries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane8]
  Queries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane9]
  Oueries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane10]
  Queries value:
                                      HKLM\software\microsoft\windows
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]
  Queries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane14]
  Oueries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane15]
  Queries value:
                                      HKLM\software\microsoft\windows
nt\currentversion\languagepack\surrogatefallback[plane16]
                                      HKLM \setminus software \setminus microsoft \setminus tip \setminus \{0000897b - 83df - 4b96 - be07 - be07 - be07 - be18 - b
  Oueries value:
Ofb58b01c4a4}\languageprofile\0x00000000\{0001bea3-ed56-483d-a2e2-aeae25577436}[enable]
  Queries value:
                                      HKLM\software\microsoft\ctf[enableanchorcontext]
  Oueries value:
                                      HKLM\software\microsoft\net framework setup\ndp\v3.5[sp]
  Queries value:
                                      HKCU\software\microsoft\windows\currentversion\explorer[maximizeapps]
  Queries value:
                                      HKLM\software\microsoft\windows\currentversion\explorer[maximizeapps]
                                      HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
  Oueries value:
08002b30309d}\shellfolder[attributes]
                                      HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
  Oueries value:
```

```
08002b30309d}\shellfolder[callforattributes]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[restrictedattributes]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[wantsfordisplay]
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
 Oueries value:
08002b30309d}\shellfolder[hidefolderverbs]
 Oueries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[usedrophandler]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[wantsforparsing]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[wantsparsedisplayname]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[queryforoverlay]
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
 Queries value:
08002b30309d}\shellfolder[mapnetdriveverbs]
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
 Oueries value:
08002b30309d}\shellfolder[queryforinfotip]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[hideinwebview]
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
 Queries value:
08002b30309d}\shellfolder[hideondesktopperuser]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[wantsaliasednotifications]
 Oueries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[wantsuniversaldelegate]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[nofilefolderjunction]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[pintonamespacetree]
 Queries value:
                         HKCR\clsid\{20d04fe0-3aea-1069-a2d8-
08002b30309d}\shellfolder[hasnavigationenum]
 Oueries value:
HKLM\software\microsoft\windows\currentversion\policies\nonenum[{20d04fe0-3aea-1069-a2d8-
08002b30309d}]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume\{69d250e4-6c18-
11e3-b3bc-806e6f6e6963}[data]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\mountpoints2\cpc\volume\{69d250e4-6c18-
11e3-b3bc-806e6f6e6963}[generation]
 Oueries value:
                         HKCR\drive\shellex\folderextensions\{fbeb8a05-beee-4442-804e-
409d6c4515e9}[drivemask]
 Queries value:
                         HKCU\software\microsoft\windows\currentversion\explorer[shellstate]
 Queries value:
                         HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidden]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showcompcolor]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[hidefileext]
 Queries value:
Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showinfotip]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[hideicons]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[mapnetdrvbtn]
HKCU\software\microsoft\windows\currentversion\explorer\advanced[webview]
 Oueries value:
                         HKCU\software\microsoft\windows\currentversion\explorer\advanced[filter]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showsuperhidden]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[separateprocess]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[nonetcrawling]
 Queries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[autocheckselect]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[iconsonly]
 Oueries value:
HKCU\software\microsoft\windows\currentversion\explorer\advanced[showtypeoverlay]
 Queries value:
                         HKCR\directory[docobject]
```

Queries value: HKCR\folder[docobject]

Queries value: HKCR\allfilesystemobjects[docobject]

Queries value: HKCR\directory[browseinplace]
Queries value: HKCR\folder[browseinplace]

Queries value: HKCR\allfilesystemobjects[browseinplace]

Queries value: HKCR\directory[isshortcut]
Queries value: HKCR\folder[isshortcut]

Queries value: HKCR\allfilesystemobjects[isshortcut]

Queries value: HKCR\directory[alwaysshowext]
Queries value: HKCR\directory[nevershowext]
Queries value: HKCR\folder[nevershowext]

Queries value: HKCR\allfilesystemobjects[nevershowext]

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

Queries value: HKLM\software\microsoft\windows\windows error reporting\wmr[disable]
Queries value: HKLM\software\microsoft\windows\currentversion\setup[sourcepath]
Queries value: HKLM\software\microsoft\windows\currentversion[devicepath]

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\sqmclient\windows[ceipenable]

Queries value:

 $\label{lem:hkcu} HKCU software \end{area} The 3-b3bc-806e6f6e6963 \end{area} In each of the software \end{area} The area \en$ 

Queries value:

 $\label{lem:hkcu} HKCU software \microsoft \windows \current version \explorer \mountpoints 2 \cpc \volume \{69d250e3-6c18-11e3-b3bc-806e6f6e6963\} [generation]$