

# Malware Analysis Appliance by Blue Coat Systems, Inc.

## Task Details

Host: mag2, Sample ID: 3321, Task ID: 793

Task ID:	793
Risk Level:	10
Date Processed:	2016-05-18 10:38:46 (UTC)
Processing Time:	62.79 seconds
Virtual Environment:	IntelliVM
Execution Arguments:	"c:\windows\temp\543bd82ec71ae746e83c14eba28494df.exe"
Sample ID:	3321
Type:	basic
Owner:	admin
Label:	543bd82ec71ae746e83c14eba28494df
Date Added:	2016-05-18 10:30:50 (UTC)
File Type:	PE32:win32:gui
File Size:	147968 bytes
MD5:	543bd82ec71ae746e83c14eba28494df
SHA256:	b5835739dfcf21ab4869dea949ccc6038ea65be94f11307154e2c58a404b53ec
Description:	None

## Pattern Matching Results

6	Modifies registry autorun entries
5	Abnormal sleep detected
5	Installs service
10	Creates malicious events: Clisbot [Worm]
7	Changes DNS name server
4	Terminates process under Windows subfolder
5	PE: Contains compressed section
5	Adds autostart object
4	Checks whether debugger is present

## Process/Thread Events

Creates process:	C:\windows\temp\543bd82ec71ae746e83c14eba28494df.exe
["C:\windows\temp\543bd82ec71ae746e83c14eba28494df.exe" ]	
Creates process:	C:\Windows\regedit.exe [regedit.exe /s
C:\Users\Admin\AppData\Local\Temp\rtf304E.tmp]	
Writes to process:	PID: 2720 C:\Windows\Temp\543bd82ec71ae746e83c14eba28494df.exe
Terminates process:	C:\Windows\Temp\543bd82ec71ae746e83c14eba28494df.exe
Terminates process:	C:\Windows\regedit.exe

## Named Object Events

Creates mutex:	\Sessions\1\BaseNamedObjects\DBWinMutex
Creates mutex:	\Sessions\1\BaseNamedObjects\1-4B4F4E4E494348492D5741-1

## File System Events

Creates:	C:\Users\Admin\d1st.dat
Creates:	C:\Users\Admin\AppData\Local\Temp\rtf304E.tmp
Opens:	C:\Windows\Prefetch\543BD82EC71AE746E83C14EBA2849-6D9DAEDC.pf
Opens:	C:\Windows\System32
Opens:	C:\Windows\System32\sechost.dll
Opens:	C:\Windows\System32\imm32.dll
Opens:	C:\mylib\myfile
Opens:	C:\Windows\Temp\543bd82ec71ae746e83c14eba28494df.exe
Opens:	C:\Windows\System32\apphelp.dll
Opens:	C:\Windows\Globalization\Sorting\SortDefault.nls
Opens:	C:\Users\Admin
Opens:	C:\windows\temp\CRYPTBASE.dll
Opens:	C:\Windows\System32\cryptbase.dll
Opens:	C:d1st.dat
Opens:	C:flh.dat
Opens:	C:pconfig
Opens:	C:dpconfig
Opens:	C:\Windows\System32\mswsock.dll
Opens:	C:\Windows\System32\WSHTCPIP.DLL
Opens:	C:\Users\Admin\AppData\Local\Temp
Opens:	C:\windows\temp\regedit.exe
Opens:	C:regedit.exe
Opens:	C:\Windows\system32\regedit.exe
Opens:	C:\Windows\system\regedit.exe
Opens:	C:\Windows\regedit.exe
Opens:	C:\Windows\Prefetch\REGEDIT.EXE-90FEEA06.pf
Opens:	C:
Opens:	C:\Windows
Opens:	C:\Windows\en-US
Opens:	C:\Windows\Fonts
Opens:	C:\Windows\Globalization
Opens:	C:\Windows\Globalization\Sorting

Opens:	C:\Windows\System32\en-US
Opens:	C:\Windows\winsxs\x86_microsoft.windows.common-
controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2	
Opens:	C:\Windows\System32\aclui.dll
Opens:	C:\Windows\System32\ulib.dll
Opens:	C:\Windows\System32\clb.dll
Opens:	C:\Windows\System32\ntdll.dll
Opens:	C:\Windows\System32\kernel32.dll
Opens:	C:\Windows\System32\apisetschema.dll
Opens:	C:\Windows\System32\KernelBase.dll
Opens:	C:\Windows\System32\locale.nls
Opens:	C:\Windows\System32\advapi32.dll
Opens:	C:\Windows\System32\msvcrt.dll
Opens:	C:\Windows\System32\rpcrt4.dll
Opens:	C:\Windows\System32\gdi32.dll
Opens:	C:\Windows\System32\user32.dll
Opens:	C:\Windows\System32\lpk.dll
Opens:	C:\Windows\System32\usp10.dll
Opens:	C:\Windows\System32\shlwapi.dll
Opens:	C:\Windows\winsxs\x86_microsoft.windows.common-
controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2\comctl32.dll	
Opens:	C:\Windows\System32\comdlg32.dll
Opens:	C:\Windows\System32\shell32.dll
Opens:	C:\Windows\System32\authz.dll
Opens:	C:\Windows\System32\ole32.dll
Opens:	C:\Windows\System32\oleaut32.dll
Opens:	C:\Windows\System32\ntdsapi.dll
Opens:	C:\Windows\System32\ws2_32.dll
Opens:	C:\Windows\System32\nsi.dll
Opens:	C:\Windows\System32\uxtheme.dll
Opens:	C:\Windows\System32\msctf.dll
Opens:	C:\Windows\en-US\regedit.exe.mui
Opens:	C:\Windows\WindowsShell.Manifest
Opens:	C:\Windows\System32\dwmapl.dll
Opens:	C:\Windows\Fonts\StaticCache.dat
Opens:	C:\Windows\System32\WindowsCodecs.dll
Opens:	C:\Windows\System32\imageres.dll
Opens:	C:\Windows\System32\en-US\imageres.dll.mui
Opens:	C:\Windows\System32\en-US\shell32.dll.mui
Opens:	C:\Windows\System32\rpcss.dll
Opens:	C:\Windows\regedit.exe.Local\
Opens:	C:\Windows\AUTHZ.dll
Opens:	C:\Windows\ACLUI.dll
Opens:	C:\Windows\NTDSAPI.dll
Opens:	C:\Windows\ulib.dll
Opens:	C:\Windows\clb.dll
Opens:	C:\Windows\UxTheme.dll
Opens:	C:\Users\Admin\AppData\Local\Temp\rtf304E.tmp
Opens:	C:\
Opens:	C:\Users
Opens:	C:\Users\Admin\AppData
Opens:	C:\Users\Admin\AppData\Local
Writes to:	C:\Users\Admin\dlst.dat
Writes to:	C:\Users\Admin\AppData\Local\Temp\rtf304E.tmp
Reads from:	C:\Windows\Prefetch\REGEDIT.EXE-90FEEA06.pf
Reads from:	C:\Users\Admin\AppData\Local\Temp\rtf304E.tmp

## Network Events

DNS query:	www.msftncsi.com
DNS response:	a1961.g2.akamai.net ⇒ 184.86.250.11
DNS response:	a1961.g2.akamai.net ⇒ 184.86.250.10
Connects to:	31.193.4.140:9091
Connects to:	255.255.255.255:9091
Sends data to:	8.8.8.8:53
Sends data to:	127.0.0.1:58382
Sends data to:	127.0.0.1:64548
Receives data from:	0.0.0.0:53
Receives data from:	8.8.8.8:53
Receives data from:	127.0.0.1:58382

## Windows Registry Events

Creates key:	HKLM\software\microsoft\microsoft windows nt 4.0
Creates key:	HKCU\software\microsoft\windows\currentversion\run
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\mui\cached  
Opens key: HKLM\software\microsoft\windows\currentversion\sidebyside  
Opens key: HKLM\system\currentcontrolset\control\locale\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\windows nt\currentversion\diagnostics  
Opens key: HKLM\software\microsoft\windows  
Opens key: HKLM\software\microsoft\windows\tracing  
Opens key: HKLM\software\microsoft\windows\tracing  
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\software\microsoft\windows nt\currentversion\image file execution  
options\543bd82ec71ae746e83c14eba28494df.exe  
Opens key: HKLM\system\currentcontrolset\control\session manager\appcertdlls  
Opens key: HKLM\system\currentcontrolset\control\session manager\appcompatibility  
Opens key: HKLM\software\policies\microsoft\windows\appcompat  
Opens key: HKCU\software\microsoft\windows nt\currentversion  
Opens key: HKCU\software\microsoft\windows nt\currentversion\appcompatflags\layers  
Opens key: HKLM\software\microsoft\windows nt\currentversion\appcompatflags  
Opens key: HKLM\software\microsoft\windows  
nt\currentversion\appcompatflags\custom\543bd82ec71ae746e83c14eba28494df.exe  
Opens key: HKLM\software\microsoft\windows nt\currentversion\image file execution  
options  
Opens key: HKLM\software\policies\microsoft\sqmclient\windows  
Opens key: HKLM\software\microsoft\sqmclient\windows  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters  
Opens key: HKLM\system\currentcontrolset\control\locale\nls\customlocale  
Opens key: HKLM\system\currentcontrolset\control\locale\nls\extendedlocale  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\appid\_catalog  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\appid\_catalog\14e3bed6  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\000000019  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000001  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000002  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000003  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000004  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000005  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000006  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000007  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000008  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000009  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000010  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000011  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000012  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000013  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000014  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000015  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000016  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000017  
Opens key: HKLM\system\currentcontrolset\services\winsock2\parameters\protocol\_catalog9\catalog\_entries\000000000018  
Opens key:

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HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\0000000c
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000001
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000002
  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\000000000005
  Opens key:
HKLM\system\currentcontrolset\services\winsock2\parameters\namespace_catalog5\catalog_entries\000000000006
  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\sophos
  Opens key:
HKLM\software\g data
  Opens key:
HKLM\software\doctor web
  Opens key:
HKLM\software\kaspersky lab
  Opens key:
HKLM\software\eset
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-
c19ce8a73253}
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-
806e6f6e6963}
  Opens key:
HKLM\system\currentcontrolset\services\winsock\parameters
  Opens key:
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock
  Opens key:
HKLM\system\currentcontrolset\services\psched\parameters\winsock
  Opens key:
HKLM\system\currentcontrolset\services\winsock\setup migration\providers
  Opens key:
HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\psched
  Opens key:
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock
  Opens key:
HKLM\system\currentcontrolset\services\winsock\setup
migration\providers\tcpip
  Opens key:
HKLM\software\microsoft\windows nt\currentversion\image file execution
options\regedit.exe
  Opens key:
HKLM\software\microsoft\windows
nt\currentversion\appcompatflags\custom\regedit.exe
  Opens key:
HKLM\software\microsoft\windows\currentversion\sidebyside\assemblystorageroots
  Opens key:
HKLM\system\currentcontrolset\control\cmf\config
  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:
HKCU\software\microsoft\windows\currentversion\policies\system
  Queries value:
HKLM\system\currentcontrolset\control\session
manager[cwdillegalindllsearch]
  Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[transparentenabled]
  Queries value:
HKCU\control panel\desktop[preferredUILanguages]
  Queries value:
HKCU\control panel\desktop\muicached[machinepreferredUILanguages]
  Queries value:
HKLM\software\microsoft\windows\currentversion\sidebyside[preferexternalmanifest]
  Queries value:
HKLM\system\currentcontrolset\control\nls\sorting\versions[]
  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[543bd82ec71ae746e83c14eba28494df]
  Queries value:
HKLM\software\microsoft\windows
nt\currentversion\windows[loadappinit_dlls]
  Queries value:
HKLM\software\microsoft\ole[pageallocatorusesystemheap]
  Queries value:
HKLM\software\microsoft\ole[pageallocatorssystemheapisprivate]
  Queries value:
HKLM\system\currentcontrolset\services\crypt32[debugheapflags]
  Queries value:
HKLM\software\microsoft\windows\currentversion\internet
settings[disableimprovedzonecheck]
  Queries value:
HKLM\software\policies\microsoft\windows\currentversion\internet
settings[security_hklm_only]
  Queries value:
HKLM\software\policies\microsoft\windows\safer\codeidentifiers[authenticcodeenabled]
  Queries value:
HKLM\software\microsoft\windows nt\currentversion\image file execution
options[disablelocaloverride]
  Queries value:
HKLM\software\microsoft\sqlclient\windows[ceipenable]
  Queries value:
HKLM\system\currentcontrolset\services\winsock2\parameters[winsock_registry_version]

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[illegible]

[illegible]

Queries value: HKLM\system\setup[systemsetupinprogress]  
Queries value: HKLM\software\microsoft\microsoft windows nt 4.0[oid]  
Queries value: HKLM\software\microsoft\microsoft windows nt 4.0[gid]  
Queries value:  
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253}[nameserver]  
Queries value:  
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253}[dhcpnameserver]  
Queries value:  
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-806e6f6e6963}[nameserver]  
Queries value:  
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{e29ac6c2-7037-11de-816d-806e6f6e6963}[dhcpnameserver]  
Queries value: HKLM\system\currentcontrolset\services\winsock\parameters[transports]  
Queries value:  
HKLM\system\currentcontrolset\services\tcpip6\parameters\winsock[mapping]  
Queries value:  
HKLM\system\currentcontrolset\services\psched\parameters\winsock[mapping]  
Queries value: HKLM\system\currentcontrolset\services\winsock\setup  
migration\providers\psched[winsock 2.0 provider id]  
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\system\currentcontrolset\services\tcpip\parameters\winsock[maxsockaddrlength]  
Queries value:  
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[usedelayedacceptance]  
Queries value:  
HKLM\system\currentcontrolset\services\tcpip\parameters\winsock[helperdllname]  
Queries value: HKLM\software\microsoft\windows  
nt\currentversion\compatibility32[regedit]  
Queries value: HKLM\system\currentcontrolset\control\cmf\config[system]  
Queries value: HKLM\system\currentcontrolset\control\nls\locale[00000409]  
Queries value: HKLM\system\currentcontrolset\control\nls\language groups[1]  
Queries value: HKLM\system\currentcontrolset\control\session  
manager[safeprocesssearchmode]  
Sets/Creates value: HKLM\software\microsoft\microsoft windows nt 4.0[guid]  
Sets/Creates value: HKCU\software\microsoft\windows\currentversion\run[dskchk]  
Value changes:  
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253}[dhcpnameserver]  
Value changes:  
HKLM\system\currentcontrolset\services\tcpip\parameters\interfaces\{128919e8-8a5e-41d1-ac17-c19ce8a73253}[nameserver]