
HackShield for Online Game 2.0

Technical Guide

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AhnLab

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About This Document

This technical guide has been written for technical support for HackShield for Online Game 2.0.

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1. Introduction

HackShield for Online Game 2.0 (hereinafter, HackShield 2.0 or HackShield) is an online game security solution based on HackShield Pro for Online Game (hereinafter referred to as HackShield Pro) launched in 2006. It is an upgraded version of HackShield Pro for Online Game.

1.1. Features

The new features of HackShield for Online Game 2.0 are as follows.

Features from HackShield Pro for Online Game

The following HackShield Pro features have been applied to HackShield 2.0.

* New HackShield Pro features and/or features that have been enhanced are underlined.

Memory-access block

Blocks memory access through Windows API (OpenProcess, Read/WriteProcessMemory and etc.). It protects memory in kernel level to block hack attacks that manipulate executable codes or return values.

Speed Hack block

Speed Hack is a program that controls time to arbitrarily speed game up or slow game down by using the Windows time functions or timer processing microprocessor. To block Speed Hack, HackShield frequently monitors the difference between the system time and logical time of the operating system in the microprocessor level. If the difference exceeds a certain value, this could be considered as a speed hack. Note that the detection speed could differ according to the user system, operating system or game type.

Enhanced auto-mouse detection

Detects auto-mouse to prevent server overload and arbitrary control of the game. A new feature of detecting auto-mouse that runs as a hardware such as USB, has been added to HackShield 2.0 as well as auto-mouse that runs as a program.

File manipulation detection

Checks the integrity of HackShield files when HackShield is initialized and/or when a game is running to make sure the files are the ones initially distributed. It also detects if the files have been modified or if the file names have been changed.

Debugging detection

Detects all debugging tracing to prevent games from being debugged. If any debugger, such as SoftICE, is

detected when initializing HackShield, then HackShield returns an error to block it.

Signature-based detection

Provides signatures-based detection. If a hacking tool is detected using a predefined signature, an error message with the path of the program is displayed.

Server-side detection

Interoperates with the server to monitor manipulation of executable files and memory in real time and check HackShield operation status. In HackShield Pro, it was inconvenient to manage the file/memory CRC of the client in the server. So, a new Artificial Intelligence (AI) feature that automatically manages the file/memory CRC in the server has been added to HackShield 2.0.

Data file/message encryption

Encrypts important data files and messages sent and received between the server and the client, to secure data even when they are exposed.

New Features

New HackShield 2.0 features that are not available in HackShield Pro are as follows.

Memory heuristic detection

Memory heuristic detection has been added: it identifies the characteristics of hacking tools in the memory to counter new hack attacks in which no signature exists yet. When a hacking tool is detected by the memory heuristic detection engine, an error message “Unknown: *error code*” will be displayed. For details on error codes, refer to [2. Troubleshoot].

HackShield update

When HackShield update is available, it is updated through the HackShield Update server.

HackShield hacking monitoring system

Monitors hack attacks and errors occurred in the game client in real time. You can access the HackShield hacking monitoring system through the web, and generate various reports.

1.2. System Specifications

The system specifications to install HackShield 2.0 are as follows.

Software

The system on which you plan to install HackShield 2.0 must meet the following software requirements:

Category	Recommended specifications	Minimum requirements
Operating system	Windows 98/ME/2000 Professional/XP Home /XP Professional/Server 2003/Vista	Windows 98 or higher

Hardware

The system on which you plan to install HackShield 2.0 must meet the following hardware requirements:

Category	Recommended specifications	Minimum requirements
CPU	Intel Pentium 500Mhz or higher	Intel Pentium 133MHz or higher IBM-PC compatible
RAM	128MB or more	32MB
HDD	2MB or more	2MB

Others

- Multi-CPU and HyperThread must be supported.
- Unexpected poor performance may occur in Windows NT family used as web server and DB server.
- Only Intel x86 family (including x86 compatible AMD family) is supported. Alpha Chip Machine that runs Windows NT, and NET PC 8xxx Machine that runs Windows are not supported.
- HackShield 2.0 may conflict with other third party security software. When such problem occurs, check whether another security program is running at the same time.

1.3. File Types

HackShield 2.0 files

The HackShield 2.0 files are installed in the HShield folder. These files perform the anti-hack features of HackShield.

File name	Installation folder	Description
3n.mhe	[HackShield Folder]	Heuristic engine file

EhSvc.dll	[HackShield Folder]	Interface DLL
hshield.dat	[HackShield Folder]	HackShield dat file
v3pro32s.dll	[HackShield Folder]	Hacking tool detection engine interface DLL
v3warpds.v3d	[HackShield Folder]	Hack prevention engine pattern file
v3warpns.v3d	[HackShield Folder]	Hack prevention engine pattern file
HShield.h	[Game source folder]	Header file
HShield.lib	[Game source folder]	Library file

* The files in blue are files added to HackShield 2.0.

HackShield update files

Update files

The following files are needed to update HackShield 2.0. These files are installed in the HShield folder

File name	Installation folder	Description
AhnUpCtl.dll	[HackShield Folder]	Update DLL
AhnUpGS.dll	[HackShield Folder]	Update DLL
Bz32Ex.dll	[HackShield Folder]	Update DLL
HSInst.dll	[HackShield Folder]	Update DLL
HSUpdate.env	[HackShield Folder]	Update configuration file
HSUpdate.exe	[HackShield Folder]	Update executable file
V3hunt.dll	[HackShield Folder]	Update DLL
V3InetGS.dll	[HackShield Folder]	Update DLL
HSUpChk.lib	[Game source folder]	Library file
HSUpChk.h	[Game source folder]	Header file
ahn.ui	[HackShield Folder] /Update/	Update information file
ahni2.dll	[HackShield Folder] /Update/	Update DLL
ahn.uic	[HackShield Folder] /Update/	Update information file
ahnupctl.dll	[HackShield Folder] /Update/	Update DLL
autoup.exe	[HackShield Folder] /Update/	Update executable file (File patch processing)
v3bz32.dll	[HackShield Folder] /Update/	Update DLL (File compression processing)

Patchset

The patchset uploaded on the update server to update HackShield is as follows. The patchset is a compressed file format. When downloaded onto the client, it will be decompressed and installed in the HShield folder.

File name	Description
ahn.ui	Update information file (engine file version information)
ahn.uic	Update information file (engine file version information)
ahni2.dll	Update file
ahnupctl.dll	Update file
autoup.exe	Update file
v3bz32.dll	Update file
win\eb\b\v3_echo_sl\v3pro32s.dl-	Hacking tool detection engine interface DLL (compressed file)
win\eb\b\b_sign_sl\v3warpds.v3-	Hacking tool pattern engine file (compressed file)
win\eb\b\b_sign_sl\v3warpns.v3-	Hacking tool pattern engine file (compressed file)
patch\39\3n.mh-	Heuristic engine file (compressed file)
patch\39\ahn.ui	Update information file (patch file version information)
patch\39\ahn.uic	Update information file (patch file version information)
patch\39\ahnupctl.dl-	Update file (compressed file)
patch\39\ahnupgs.dl-	Update file (compressed file)
patch\39\bz32ex.dl-	Update file (compressed file)
patch\39\ehsvc.dl-	HackShield interface DLL (compressed file)
patch\39\hshield.da-	HackShield dat file (compressed file)
patch\39\hsinst.dl-	Update file (compressed file)
patch\39\hsupdate.ex-	Update executable file (compressed file)
patch\39\v3hunt.dl-	Update file (compressed file)
patch\39\v3inetgs.dl-	Update file (compressed file)

2. Troubleshoot

This section describes how to resolve errors that could occur when HackShield 2.0 is running..

2.1. HackShield Installation Error

[ErrorCode: 0x00000101] Failed to install HackShield file

Symptoms

1. An error message (Error Code: 0x00000101) occurs, and the game does not run.

Cause

- The HackShield files may not be installed properly.
- The HackShield files may be modified.

Solution

1. Restart the game to get the patch for the HackShield files.
2. Install the game client again to install the HackShield files.
3. If HackShield update is applied, restart the game from the beginning to run HackShield update again.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

2.2. HackShield Driver Error

[ErrorCode: 0x00000102] Failed to initialize HackShield driver

Symptoms

1. An error message (Error Code: 0x00000102) occurs, and the game does not run.

Cause

- An error occurred when the HackShield driver is initialized.
- There could be a program that might prevent the driver from being initialized.

Solution

1. It could be a temporary error, restart the game.
2. There could be a program that might prevent the driver from being initialized. Restart the computer and then run the game again.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x00000108] Failed to initialize HackShield module

Symptoms

1. An error message (Error Code:0x00000108) occurs, and the game does not run.

Cause

- An error occurred as HackShield is not compatible with Symantec's EndPoint Protection.
- This error does not occur in EndPoint Protection version released from 2010.

Solution

- Visit Symantec website, and download the latest EndPoint Protection and reinstall it

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x00000203 - 4] Failed to start HackShield driver

Symptoms

1. An error message (Error Code: 0x00000203 or 0x00000204) occurs, and the game does not run.

Cause

- An error occurred when the HackShield driver is loaded.
- There could be a program that might prevent the HackShield driver from being loaded.

Solution

1. It could be a temporary error, restart the game.
2. There could be a program that might prevent the driver from being initialized. Restart the computer and then run the game again.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x00010301] Hooking Detection

Symptoms

1. An error message (Error Code: 0x00010301) occurs, and the game is terminated.

Cause

- Hooking has been detected in a system file or HackShield file.
- There could be a conflict with a program installed on your PC.
- (HackShield 5.3.7.1 version may detect steam programs.)

Solution

- A. Terminate the Steam program. Or, remove the program.

If hacking attacks keep on being detected after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x00010302] Failed to load HackShield driver

Symptoms

1. An error message (Error Code: 0x00010302) occurs, and the game is terminated.

Cause

- The HackShield driver has not been properly loaded.
- There could be a program that might prevent the HackShield driver from being loaded.

Solution

1. It could be a temporary error, restart the game.
2. There could be a program that might prevent the driver from being initialized. Restart the computer and then run the game again.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x00000004] Application compatibility error when initializing HackShield

Symptoms

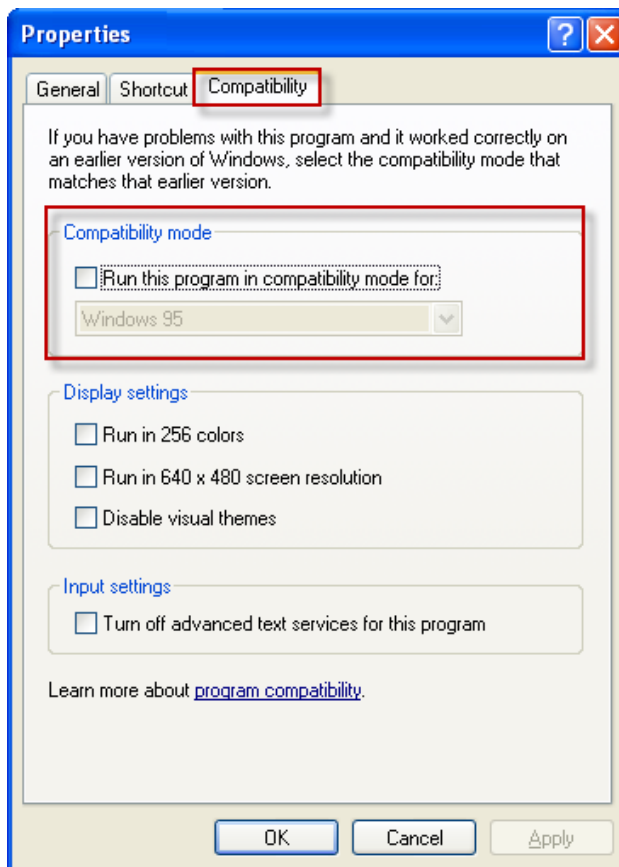
1. An error message (Error Code: 0x00000004) occurs, and the game is terminated.

Cause

- The game client has been executed in Windows Compatibility Mode.

Solution

2. Right-click on the game icon, and select Properties.
3. Select the Compatibility tab as the picture below.
4. Check whether compatibility mode is enabled. Disable it.



If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

2.3. HackShield Execute Permission Error

[ErrorCode: 0x00000107] Failed to get administrator privileges

Symptoms

1. An error message (Error Code: 0x00000107) occurs, and the game does not run.

Cause

- The game may be running without administrator privileges.

Solution

1. Run the game with administrator privileges as follows:
 - A. Log in to the computer with administrator privileges.
 - B. Restart the game.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

2.4. HackShield Engine Execution Error

[ErrorCode: 0x00000200] Failed to initialize engine

Symptoms

1. An error message (Error Code: 0x00000200) occurs, and the game does not run.

Cause

- The HackShield engine file may not be installed properly.
- The HackShield engine file may have been changed by malicious codes.

Solution

1. Patch the HackShield engine file as follows to install the engine file properly:
 - A. Delete V3WARPDS.V3D and V3WARPNX.V3D under the HShield, or HackShield folder.
 - B. Restart the game to patch the HackShield engine file.
2. If the HackShield update is applied, patch the HackShield engine file as follows to install the engine file properly:
 - A. Delete V3WARPDS.V3D and V3WARPNX.V3D under the HShield, or HackShield folder.
 - B. Restart the game and repatch the HackShield engine file by updating HackShield.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

2.5. Blue Screen Error

Blue Screen error when starting or executing game

Symptoms

1. A Blue Screen of Death occurs when starting or playing the game.

Cause

- An error may have occurred in the kernel mode protection feature of HackShield.
- Another security program may be causing a conflict with HackShield.

Solution

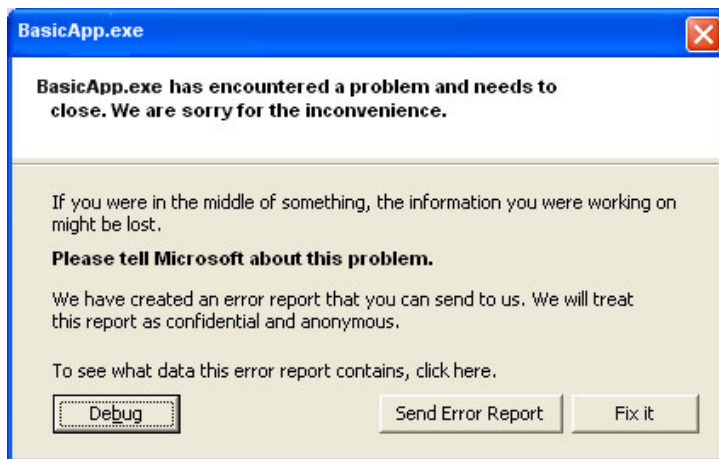
1. It could be a temporary error, restart the game.
2. There could be a program that might prevent the driver from being initialized. Restart the computer and then run the game again.
3. If HackShield conflicts with other third party security program, especially anti-keylogging program, follow as below:
 - A. If you are using online banking service while playing a game, the security program (e.g. anti-keylogging program) of bank's website could conflict with HackShield. Do not use online banking service and play a game at the same time.
 - B. If you are running a game with another game security solution, it could conflict with HackShield. Do not run the security solutions at the same time.
4. If Blue Screen is displayed, create a memory dump file and send it to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting memory dump file].

2.6. Crash Error

Error message when starting or running game

Symptoms

1. When a game is started or running, the following error message occurs:



Cause

- An error may have occurred due to a HackShield of game feature.

Solution

1. It could be a temporary error, restart the game.
2. If the error message occurs often or keeps on appearing, create a user mode process dump file and send it to AhnLab. For details, refer to [4. Error Information Collection Method > Creating user mode process dump file].
3. Create HackShield log. For details, refer to [4. Error Information Collection Method > Collecting HackShield log].

3. Solution for Hacking Detection

This section describes the solutions for hack attacks or hacking tools detected while HackShield 2.0 is running.

3.1. Debugging/Debugging Detection

[ErrorCode: 0x00000105] Debugger detected

Symptoms

1. An error message (Error Code: 0x00000105) occurs, and the game does not run.

Cause

- A debugger used for developing programs may be running.
- If you are using online banking service while playing a game, the program used by the bank's website may be causing the error.
- A program with similar functions as a debugger may be running.

Solution

1. If a debugger is running, terminate it and restart the game.
 - A. Log in to the computer with administrator privileges.
 - B. Restart the game.
2. It could be conflicting with online banking security. If you are using online banking service and playing a game at the same time, terminate the online banking service and restart the game.

If hacking attacks keep on being detected after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x00010307 - 8] Debugging attempt detected

Symptoms

3. An error message (Error Code: 0x00010307 or 0x00010308) occurs, and the game is terminated.

Cause

- A debugger used for developing programs may be attempting to debug the game program.
- If you are using online banking service while playing a game, the program used by the bank's website may be causing the error.
- A program with similar functions as a debugger may be running.

Solution

1. If a debugger is running, terminate it and restart the game.
 - A. Log in to the computer with administrator privileges.
 - B. Restart the game.
2. It could be conflicting with online banking security. If you are using online banking service and playing a game at the same time, terminate the online banking service and restart the game.

If hacking attacks keep on being detected after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

3.2. HackShield File Manipulation Detection

[ErrorCode: 0x010701 ~ 2] HackShield file manipulation detected

Symptoms

1. An error message (Error Code: 0x00010701, 0x00010702 or 0x00010703) occurs, and the game is terminated.

Cause

- The HackShield files may be modified or deleted.
- The HackShield file names may have been changed.
- The HackShield files may be infected by malicious codes.

Solution

1. Restart the game to get a patch for the HackShield files.
2. Install the game client again to install the HackShield files.
3. If HackShield update is applied, restart the game from the beginning to run HackShield update again.

If hacking attacks keep on being detected after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x010703] HackShield file manipulation detected

Symptoms

1. An error message (Error Code: 0x00010703) occurs, and the game is terminated.

Cause

- In 5.3.8.1 version and older, a specific program may hook or modify the system program.
- It may occur when WindowBlinds is installed.
- It may occur when running Daum Mini Dictionary while playing the game.
- It may occur when you change the theme for Vista in Window XP SP3 environment.

Solution

1. Remove WindowBlinds program and start the game.
2. Terminate Daum Mini Dictionary while playing the game.
3. Change the theme for Window OS to default.

If hacking attacks keep on being detected after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab, Inc. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x010705] Local Memory Hack Detection

Symptoms

1. An error message (Error Code:0x010705) with the location of the hack program occurs, and the game is terminated.

Cause

- It occurs when the file with LMP applied to games has been manipulated.
- A specific file of the game (to which LMP has been applied) has been infected by malicious code.
- The malicious codes may have attempted to modify the memory of the game program.

Solution

2. If you cannot find the program, refer to the method of terminating the program, and terminate it.
3. Use an antivirus program to scan/remove malicious code and then restart the game.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

3.3. Autoplay Detection

[ErrorCode: 0x010104] Autoplay detected

Symptoms

1. An error message (Error Code: 0x0010104) occurs, and the game is terminated.

-
2. An error message “Automouse (Autoplay) has been detected.”, occurs and the game is terminated.

Cause

- Autoplay programs, such as Macro, Automouse or Autohunting, may be running.
- There could be a conflict with specific keyboard or mouse operation.

Solution

1. Terminate the autoplay program and then restart the game.
2. If the user did not run an autoplay program, and the problem seems to be caused by conflict or false-positive, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

3.4. Speed Hack Detection

[ErrorCode: 0x010303 - 4] Speed hack detected

Symptoms

1. An error message (Error Code: 0x010303 or 0x010304) occurs, and the game is terminated.
2. An error message “Speedhack has been detected.” occurs, and the game is terminated.

Cause

- A speed hack program is running.
- There could be false-positive caused by unstable system clock in low specification computer or laptop.

Solution

1. Terminate the speed hack program and restart the game.
 - A. As speed hack programs have a UI to control speed of the game, users can recognize when they are running.
2. If the user did not run a speed hack program and the problem seems to be caused by false-positive, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

3.5. Signature-Based Hack Program Detection

[ErrorCode: 0x010501] Hack program detected

Symptoms

1. An error message (Error Code: 0x010501) with the location of hack program, and the game is terminated.
2. An error message "Hack attack has been detected in the following location: *program path*" occurs, and the game is terminated.

Cause

- The hack program defined in the HackShield signature engine is running.

Solution

1. Terminate the program in the path displayed in the error message and restart the game.
2. If you cannot find the program, refer to the method of terminating the program, and terminate it.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

3.6. Memory Hacking Detection

[ErrorCode: 0x010601] Memory hacking detected

Symptoms

1. An error message (Error Code: 0x0010601) with the location of the hack program occurs, and the game is terminated.
2. An error message "Hack attack has been detected in the following location: *program path*" occurs, and the game is terminated.

Cause

- Memory hack has been detected.
- The game program may be infected by malicious codes.
- The malicious codes may have attempted to modify the memory of the game program.

Solution

1. Terminate the program in the path displayed in the error message and restart the game.
2. If you cannot find the program, refer to the method of terminating the program, and terminate it.
3. Use an antivirus program to scan/remove malicious code and then restart the game.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

3.7. Private Server Hack Detection

[ErrorCode: 0x010901] Memory hacking detected

Symptoms

1. An error message (Error Code: 0x010901) with the location of hack program, and the game is terminated.
2. An error message "Hack attack has been detected in the following location: *program path*" occurs, and the game is terminated.

Cause

- Private server hack has been detected.
-

Solution

3. Terminate the program in the path displayed in the error message.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

3.8. Memory Heuristic-Based Hack Program Detection

[ErrorCode: 0x10000001 - 0x10000035]

Symptoms

1. An error message (Error Code: 0x10000001 to 0x10000035) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x10000001 to 0x10000035) occurs, and the game is terminated.

Cause

- The hack program has been detected by the HackShield memory heuristic engine.

Solution

1. Terminate the hack program referring to the error code below and restart the game.

- A. As hacking tools have their own UIs, users can recognize when they are running. If a user does not know the name of the hacking tool, refer to the error code table below and terminate the program.
2. If the user is not using the hack program, or cannot find the program, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

Name of hacking tool for each error code

Error Code(HackNumber)	Hacking Tool's Information	Error Code(HackNumber)	Hacking Tool's Information
0x10000001	NPE Lasted	0x10000020	Rappelz AutoMacro
0x10000002	KOHack:316	0x10000021	4VNMod
0x10000003	KOSP Lasted Version	0x10000022	dxwnd.exe
0x10000004	KalOnLine Lasted Version	0x10000023	Rev_Audi.exe
0x10000005	QuickMacro Lasted Version	0x10000024	LH_FreelnPut
0x10000006	Keybat	0x10000025	4vnDW.dll
0x10000007	Special Force	0x10000026	Ro2Myth.exe, PayCard.exe
0x10000009	Cheat Engine 5.2	0x10000027	ez_rag2
0x1000000a~11	QuickMacro Lasted Version	0x10000028	OllYDbg
0x10000012	ASpeeder Lasted Version :	0x10000029	7[1].+1170165598914177.e x
0x10000013~14	Quick Macro	0x1000002a	?舞??
0x10000015	TSearch 1.6	0x1000002b	4VNMod.exe
0x10000016	ACTOOLS 5.3.0	0x1000002c	bsAngle.exe
0x10000017	PangyaHelper2	0x1000002d~2F	StartAgent.exe
0x10000018	PangyaHelper	0x10000030~33	Audi_Auto
0x10000019	tradehack	0x10000033	ModzPerfect.exe
0x1000001a	Quick Macro	0x10000034	AuPump.exe
0x1000001b	??游新版2.00	0x10000035	bsAngle.exe
0x1000001c	Cheat Engine	0x100002ac	Public.zip
0x1000001d	PFS.exe	0x100002b1	16.04wr3ath_64bit
0x1000001e	Home Key logger	0x100002b0	16.04wr3ath_32bit
0x1000001f	jdyou2.1	0x100002af	Pro_Code_WarRock_Hack_N o_ Menu
0x100002ae	Probot	0x100002ad	Probot
0x100002b2	17.04working_hck_Friday__ April_17th__2009	0x100002b8	19.04_xANox_Pub_Hack
0x100002b7	19.04_Tobias-Pub-Hack	0x100002b6	19.04_Pro_Code_Hack
0x100002b5	CA_EU_Hack(PerX.exe)	0x100002b3	9aiwaigua
0x100002b4	GS1.4	0x100002bf	Only_superjump_nfd
0x100002bc~e	Only_Prem	0x100002bb	only_stamina
0x100002ba	WR_HACK	0x100002b9	_OPH__WarRock_D3D_Hook _-_Wr-Hacks.de_-_18.04.09_
0x100002c6~8	Disables 八怪透?器.exe hacking tool heuristic engine pattern	0x100002ff	Gameova3_5
0x100002c9	Snowboi's	0x100002d1	_OVH__Warrock-

			Hacker__24.04__by_Andii
0x100002ca	Warhax.com_VIP_hack_3-24-09_- _Update	0x100002d2	26.04_Majest_Hook_D3D__1
0x100002cb	Basher_s_D3D_Hook_-_4-5-09	0x100002d3	27.04_my_first_hack
0x100002cc	Basher_s_V.I.P_Hook_-_4-3-09	0x100002d4	dutchlol_v2.5
0x100002cd	_Undetected_V.I.P_Hack_By_Bash er__12.April_	0x100002d5	Flo_terSeriesHack
0x100002d6	HookV1	0x100002ea	WarBuster1.0_- _warhax_VIP_4-30-09
0x100002d7	Spammer_V_2.0	0x100002eb	Kobx_K2_Owned_by_xANON YMx_
0x100002c1	Injector	0x100002ec	ckahru_- _WR3ngine_Red_Code_VIP_ Hack_-_4-30-09
0x100002c2	WarHax.com_Final_Vip_-_4-23-09	0x100002ed	WRH
0x100002c3	K2_Owned_by_xANONYMx	0x100002ee	01.05_War_Hax____PHC_PUB _by_GameOVa
0x100002c4	Spambot_by_Cyber0wnz2_v1.0	0x100002ef	03.05_BASTARD_hack_VIP
0x100002c5	Basher_s_Spammer_WarRock- Hacker.de	0x100002f0	warhax_VIP_hack_5
0x100002c6~8	八怪透?器	0x100002f1	www.geik.org
0x100002d8	28.04_Kobx_K2_Owned_by_xANO NYMx_D3D_	0x100002f2	WarRock
0x100002d9	NewWarrockHack	0x100002f3	wanted59
0x100002da	_CC__V.I.P_by_Andii	0x100002f4	hack03
0x100002db	WarHax_Public	0x100002f5	codename-x
0x100002dc	Kobx_1.2_K2_Owned_by_xANONY Mx_	0x100002f6	Pro
0x100002dd	w4rlocks_D3D_Hook	0x100002f7	Kudo_hack
0x100002de	BDPublic	0x100002f8	02.05_D3D_For_H4X
0x100002df	29.04_Pro_Code_Public_Hack	0x100002f9	03.05_Flamers_Warrock_Hoo k
0x100002e0	Emolo.Public.Hack5.0	0x100002fa	03.05_SniperWar_Hack
0x100002e1	Marittello_v1	0x100002fb	03.05_WarHax_Production_Pr esent_KingKong_D3D
0x100002e2	V_rus	0x100002fc	03.05_Z3r0d3c1b3L
0x100002e3~6	NetLimiter	0x100002fd	04.05_Kobx_1.3_Skill_Hack
0x100002e7~9	TW.rar	0x100002fe	04.05_WarHax_Present_Publi c_Banana_D3D
0x1000045a	hlc- v15.8	0x10000459	AugmentedSkills VIP Hack
0x10000456~ 0x10000458	Easy2Game / CCProxy 6.62	0x10000455	幻影?速.exe, 暴力?速.exe, yxnet.exe

[ErrorCode: 0x10000036] Proxy Dll hack program detected

Symptoms

1. An error message (Error Code: 0x10000036) occurs, and the game is terminated.

-
2. An error message (Unknown Error: 0x10000036) occurs, and the game is terminated.

Cause

- Proxy dll (dinput8.dll) has been detected by the HackShield memory heuristic engine.

Solution

1. Collect the system information and send it to AhnLab.
2. For details on collecting system information, please refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x10000037] Proxy Dll hack program detected

Symptoms

1. An error message (Error Code: 0x10000037) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x10000037) occurs, and the game is terminated.

Cause

- Proxy dll (d3d9d.dll) has been detected by the HackShield memory heuristic engine.

Solution

3. If 'Use Debug Version of Direct3D 9' is set through DirectX Control Panel that is installed on the Microsoft DirectX SDK, set to use 'Retail Version' if you do not need to use 'Direct3D 9 Debug Version'.
 - A. Settings
Select Start > All Programs > Microsoft DirectX SDK (August 2007) > DirectX Utilities > DirectX Control Panel, and then in the Direct3D 9 tab, select Use Retail Version of Direct3D 9.
4. If the problem persists, collect the system information and send it to AhnLab.
5. For details on collecting system information, please refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport and collecting HackShield log].

[ErrorCode: 0x10000038] Proxy Dll hack program detected

Symptoms

1. An error message (Error Code: 0x10000038) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x10000038) occurs, and the game is terminated.

Cause

- Proxy dll (d3d8d.dll) id has been detected by the HackShield memory heuristic engine.

Solution

3. If 'Use Debug Version of Direct3D 8' is set through DirectX Control Panel that is installed on the Microsoft DirectX SDK, set to use 'Retail Version' if you do not need to use 'Direct3D 8 Debug Version'.
 - A. Settings
Select Start > All Programs > Microsoft DirectX SDK > DirectX Utilities > DirectX Control Panel, and then in the Direct3D 8 tab, select Use Retail Version of Direct3D 8.
4. If the problem persists, collect the system information and send it to AhnLab.
5. For details on collecting system information, please refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport and collecting HackShield log].

[ErrorCode: 0x10000039] Proxy DLL hack program detected

Symptoms

1. An error message (Error Code: 0x10000039) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x10000039) occurs, and the game is terminated.

Cause

- Proxy dll (ws2_32.dll) has been detected by the HackShield memory heuristic engine.

Solution

1. Collect the system information and send it to AhnLab.
2. For details on collecting system information, please refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport and collecting HackShield log].

[ErrorCode: 0x1000003a ~ 0x10000043]

Symptoms

1. An error message (Error Code: 0x1000003a to 0x10000043) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x1000003a to 0x10000043) occurs, and the game is terminated.

Cause

- The hack program has been detected by the HackShield memory heuristic engine.

Solution

1. Terminate the hack program referring to the error code below and restart the game.
 - A. As hacking tools have their own UIs, users can recognize when they are running. If a user does not know the name of the hacking tool, refer to the error code table below and terminate the program.
2. If the user is not using the hack program, or cannot find the program, collect the system information and send it to AhnLab.

3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

Error code

Error Code(HackNumber)	Hacking Tool's Information	Error Code(HackNumber)	Hacking Tool's Information
0x1000003a~b	StartAgent.exe	0x1000003c~e	RequiemStick
0x1000003f	DBK32.SYS	0x10000040	BLOWIE32.SYS
0x10000041	FZ3PLUS.SYS	0x10000042	4VNDRIVER.SYS
0x10000043	CMADRIVER.SYS	0x10000317	KeyBashers_D3D_Ho0k_07.05.09
0x10000300	TMZ_D3D	0x10000318	duokai
0x10000301	turken	0x10000319	08.05_wrviphack-com
0x10000302	Warhax_VIP_hack_XxXBust3r2.0	0x1000031a	08.05_k2warez_public_v0.1
0x10000303	RazorPub	0x1000031b	08.05_Only_Superjump
0x10000304	D3D_Hack	0x1000031c~f	NetLimiter
0x10000305	moabit69_s_D3D_Hook	0x10000320~2	sfbtw(CSO.exe)
0x10000306	D3DWindower	0x10000323	AtHelper
0x10000307	?空游???版.exe	0x10000324	AtHelper
0x10000308~9	CSO-v1.2.exe(CSOMsw)	0x10000325	12.05_iHT_Warrock_VIP
0x1000030a~d	CSO-v1.2.exe(CSOMsw)	0x10000326	12.05_HackerHook
0x1000030e	Red_Code_Wr3ngine_VIP_hack_3-6-09	0x10000327	12.05_WCHAGD3D
0x1000030f	Only_Premium	0x10000328	All-Thinks-For-Free-com.de.tl - _Warrock_Hack
0x10000310	pub	0x10000329	13.05_2Awesome_V.I.P._Hack
0x10000311	07.05_VIP_Hook	0x1000032a	11.05__Undetected_V.I.P._Hack_By_Basher__9.Mai_
0x10000312	07.05_BastardHack_King7_Hook	0x1000032b	VIP
0x10000313	Sucks_&_GHB_Pub	0x1000032c	Gamez
0x10000314	V3.0	0x1000032d	11.05_K2_owned_by_xANONY Mx_VIP
0x10000315	WCHAGD3D	0x1000032e	11.05_Last_Dream_Cheat_V3
0x10000316	WchagForLife	0x10000317	KeyBashers_D3D_Ho0k_07.05.09
0x1000032f	13.05_TheSpecialist	0x10000336	GHN_Kal_EL_VIP
0x10000330~1	all-thinks-for-free-com.de.tl_Hack_2	0x10000337	MasterdouV1
0x10000332	langweihack	0x10000338~9	sfbtw(CSO.exe)
0x10000333	PHC_PUB_	0x1000033a~b	sfbtw(CSO.exe)
0x10000334	puplic_D3D_by_Flo_ter__ninne	0x1000033c~d	GameWatcher.exe
0x10000335	renametoanything	0x1000033e	X-Ray
0x1000032f	13.05_TheSpecialist	0x1000033f	15.05_Red_Code_WR3ngine_VIP_hack
0x10000330~1	all-thinks-for-free-com.de.tl_Hack_2	0x10000336	GHN_Kal_EL_VIP
0x10000340	WarRock_Sucks	0x1000034f	20.05_WarC0ck
0x10000341	15.05_Logistic_Hack	0x10000350	Flo_terSeriesHack
0x10000342	WarRock_VIP	0x10000354	27.05_BastardTeam
0x10000343	18.05_mk-hacks.net_VIP_Hack_2.2	0x10000355	27.05_Pro-Hacks.de.vu

0x10000344	MKH_v2.0	0x10000356	27.05_WRH_Public_by_moabit69
0x10000345	WarRock_Sucks_v4	0x10000357	24.05_for_youu_my_friend
0x10000346	17.05_WarFuck_v1.0	0x10000358	24.05_Public_23.05.2009/24.05_Temp
0x10000347	WarFuck_v1.1	0x10000359	24.05_w4rlock__s_little_hack/25.05_w4rlock_45
0x10000348	neuemain	0x1000035a	25.05_DmacsWrPwner_Fixed
0x10000349	WarHax_Present_Public_Lime_D3D	0x1000035b	25.05_k2labs
0x1000034a	19.05_DCWRRKVIP_19.05.2009_UNDETECTED	0x1000035c	BnbHelper.exe
0x1000034b	WarFuck	0x1000035d	autoinjector.exe(with
0x1000034c	Public_hack_by_Kev887_and_Hackerkid_2_	0x1000035e	GS.exe(GSVIPX1.79)
0x1000034d	I.C.E.	0x1000035f	GS.exe(GSVIPX1.79)
0x1000034e	19.05_Calcio_	0x10000360	RELEASE_inrsp_3
0x10000362	onlyglasswalls	0x10000361	only_headshot
0x10000363	01.06_nvswr	0x1000037a	Pr-Top_Secret
0x10000364~5	01.06_WarHax_WR	0x1000037b	ProxycodAddieLogger
0x10000366	01.06_WRPwner	0x1000037c	qq
0x10000367	31.05_KinG-Fire_Public	0x1000037d	06.06_lulz
0x10000368	31.05_pe_gaming	0x1000037e	06.06_Made_by___la__er
0x10000369	31.05_Pro-Evolution_Gaming_Public_v2	0x1000037f	07.06_ProxycodD3D
0x1000036a	31.05_Windows_coreHook	0x10000380	09.06_GBNVIP_9-06-09_
0x1000036b	31.05_www.Out-Next.de-Skillhack	0x10000381	Hook
0x1000036c	csgo1.03.exe	0x1000037a	Pr-Top_Secret
0x1000036d~e	BnbHelper.exe	0x1000037b	ProxycodAddieLogger
0x1000036f	02.06_TEMPVIPHACK	0x1000037c	qq
0x10000370	02.06_Klipix_V1.0	0x1000037d	06.06_lulz
0x10000371	03.06_N3oKains_GBN_Hack_v1.0	0x10000374	04.06_www.Out-Next.de_Skillhack
0x10000372	04.06_Out-next.de	0x10000379	07.06_King7_Alternate_Hook
0x10000373	04.06_Skullcheating.tk_Public	0x10000395	PublicD3D
0x10000394	D4rk0de_s_WR_NoMenu_Cheat_0.3	0x10000393	Warrock_Hack_by_Willi27_v3
0x10000392	Warrockv0.2	0x10000397	24.06_moabit69__s_WR_Hack
0x10000398	Assault833 No Menu/Assault833	0x10000396	Perfect Hack
0x1000039a	D4rk0de_s_NoMenu_Cheat_0.4.1	0x1000039b	02.07_Warrock_Hack_by_Willi27_v7
0x10000399	csgo1.20/csgo1.21	0x1000039d	07.07_Debug.rar
0x1000039f	08.07_Sambo5shack	0x1000039e	08.07_Sambo5shack
0x1000039c	06.07_bobiv7	0x10000463	DnfHelper.exe3.2
0x10000467	HeavenCondition v2.11	0x1000045f ~0x10000462	WonderSpeed
0x10000466	CVG.exe, MagicFS.exe	0x1000045d	Tiara's Moonshine Mod G8S5-V55
0x10000464	WonderSpeed 2.5	0x1000045e	Zylon

~0x10000465			
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[ErrorCode: 0x10000044]

Symptoms

1. An error message (Error Code: 0x10000044) occurs and the game is terminated.
2. An error message (Unknown Error: 0x10000044) occurs, and the game is terminated.

Cause

- Neo_Auto program has been detected by the HackShield memory heuristic engine.

Solution

1. Run Neo_Auto Uninstall file to remove the program. If there is no Neo_Auto Uninstall file, remove it manually.
2. To remove the program manually:
 - A. Delete neoautokbd and neoautomou files under C:\Windows\system32\drivers.
 - B. From HKEY_LOCAL_MACHINE > SYSTEM > CurrentControlSet > Enum > ACPI > PNP0303 > 4&14c67d85&0, delete the neoautokbd key.
 - I. If you cannot delete the it, it means you do not have the permission to the files. Click Edit > Permissions and grant full access to Everyone, and then delete the file.
 - C. From HKEY_LOCAL_MACHINE > SYSTEM > CurrentControlSet > Enum > ACPI > PNP0F03 > 4&14c67d85&0, delete the neoautomou key.
 - I. If you cannot delete the it, it means you do not have the permission to the files. Click Edit > Permissions and grant full access to Everyone, and then delete the file.
 - D. Delete all keys in neoautokbd from HKEY_LOCAL_MACHINE > SYSTEM > CurrentControlSet > Service.
 - E. Delete all keys in neoautomou from HKEY_LOCAL_MACHINE > SYSTEM > CurrentControlSet > Service.
 - F. Restart the computer.
3. If you did not run the Neo_Auto program, collect the system information and send it to AhnLab.
4. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x10000045 - 0x10000047]

Symptoms

1. An error message (Error Code: 0x10000045 to 0x10000047) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x10000045 to 0x10000047) occurs, and the game is terminated.

Cause

- The hack program has been detected by the HackShield memory heuristic engine.

Solution

1. Terminate the hack program referring to the error code below and restart the game.
 - A. As hacking tools have their own UIs, users can recognize when they are running. If a user does not know the name of the hacking tool, refer to the error code table below and terminate the program.
2. If the user is not using the hack program, or cannot find the program, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

Error code

Error Code(HackNumber)	Hacking Tool's Information	Error Code(HackNumber)	Hacking Tool's Information
0x10000045	VISATDR.SYS	0x10000046	REVNEO.SYS
0x10000047	DBGV.SYS		

[ErrorCode: 0x10000048]

Symptoms

1. An error message (Error Code: 0x10000048) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x10000048) occurs, and the game is terminated.

Cause

- WINIO.sys false-positive is detected by the HackShield memory heuristic engine.

Solution

1. Patch SDK to 5.1.24.1(Build 461) or later, if the SDK version is 5.1.24.1(Build 461) or earlier.

[ErrorCode: 0x10000049 - 0x100001d2]

Symptoms

1. An error message (Error Code: 0x10000049 to 0x100001d2) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x10000049 to 0x100001d2) occurs, and the game is terminated.

Cause

- The hack program has been detected by the HackShield memory heuristic engine.

Solution

1. Terminate the hack program referring to the error code below and restart the game.
 - A. As hacking tools have their own UIs, users can recognize when they are running. If a user does not know the name of the hacking tool, refer to the error code table below and terminate the program.
2. If the user is not using the hack program, or cannot find the program, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

Error code

Error Code(HackNumber)	Hacking Tool's Information	Error Code(HackNumber)	Hacking Tool's Information
0x10000049	SkyQs.exe	0x1000004a	qq.exe
0x1000004b~4c	wpe pro.exe	0x1000004d	QuickMarco v6.20.exe
0x1000004e	SkyQS1.14.exe	0x1000004f	MOFSckHook.dll
0x10000050	SkyQS1.14.exe	0x10000051	DRIO.SYS
0x10000052	GR207.SYS	0x10000053~54	Fyblade.exe
0x10000055	SirensProject.exe	0x10000056	Smuggle_v3.0
0x10000057	Login_Box	0x10000058	Unispim6.ime
0x10000059	Login_Box.exe	0x1000005a~5c	SkyQS v1.2
0x1000005d	Clonning v1.2	0x1000005e~5f	Fyblade.exe v1.6/v1.7
0x10000060~61	Speedup3.exe	0x10000062	ASpeeder.exe
0x10000063~64	fhlun	0x10000065~67	bscl.exe
0x10000068	jamilah.exe	0x10000069	oz_manual.exe
0x1000006a	oz_manual.exe	0x1000006b	Two Key.exe
0x1000006c~6f	ECP.exe	0x10000070	ECP.exe
0x10000071	Login_FSBox	0x10000072	WPE Pro
0x10000073	ThunderEngine	0x10000074	ECP.exe, /v1.13/v1.15/v1.16 /v1.17/v1.18/v1.2.10/v1.29 /v1.3.12/v1.3.13/v1.3.15/ v1.3.16/v1.3.18/v1.3.19/ v1.3.20/v1.3.22
0x10000075	ECP.exe, v1.3.35	0x10000076	ECP.exe, v1.3.40
0x10000077	TradeHack	0x10000078	ECP.exe, v1.4.44
0x10000079	Game Expert v6.2	0x1000007a	Perfect Hack(Nodis.dll)
0x1000007b	Perfect Hack(x100.dll)	0x1000007c~7e	PackAssist - Packet Sniffer
0x1000007f	shashajinwuwangV2.1	0x10000080	Login_Box (FreeStyle/MultiLoader)
0x10000081	AutoPlay(Audition/QQ1010)	0x10000082~83	Explorer.exe(SpeedHack)
0x10000084	tgs_pub_iniedit.exe	0x10000085	MCAPUBHACK.exe
0x10000086	ChampagneMania Holic	0x10000087	Codeblack Esp
0x10000088	IronD3D v2	0x10000089	Public D3D 30.10 Update
0x1000008a	Steelwall_v.1	0x1000008b	WarRap3r_final
0x1000008c	WarRock_Proffesional	0x1000008d	WrghproD3D
0x1000008e	WrghPub	0x1000008af	zipken's D3D
0x10000090	Public D3D fix#2.dll	0x10000091	Geecko92 D3D Hack v.1.dll

0x10000092	WarRock/D3D Hook by a1fahrrad.dll	0x10000093	ZeaS.dll
0x10000094~95	AuditionPerHack	0x10000096~97	Login_Box.exe
0x10000098	Syser Kernel Debugger	0x10000099	abcd.exe
0x1000009a	Warrock Hacks WE11ington Public Injector.exe	0x1000009b	Onurkinin
0x1000009c	WE11ington	0x1000009d	[shad0w]Public.exe
0x1000009e	Tonystrel (NO Graphic) D3D.exe	0x1000009f	Hakk3r's Public D3D (WRSD3D.exe)
0x100000a0~a4	ECP.exe v1.5.85	0x100000a5	Puclic Hack v2(PubHack.exe)
0x100000a6	Warrock Hack by Killer06(avesvc.exe)	0x100000a7	WCC Public Hook v1.0(TatniumD3D.exe)
0x100000a8	OnurKinin_23Kasim.exe	0x100000a9	avgcfgx.exe / PnkBstrA.exe
0x100000aa~ab	OnurKinin24Kasim.exe	0x100000ac	Proxycodesp.exe
0x100000ad	GameRegistance+2.08	0x100000ae	oz Doumi
0x100000af	Gerben498 Pub Hack.exe	0x100000b0	Winject.exe(d3dhook.dll)
0x100000b1	wrhell.exe	0x100000b2~b3	avgcfgx.exe
0x100000b4	dll4.exe	0x100000b5	onurkinin.exe
0x100000b6	AdvNogiFinalv270.exe	0x100000b7	anakrime.exe
0x100000b8	stephaax3karim.exe/AlexSleyor es.exe	0x100000b9	PerfectHack
0x100000ba	StreetStar.exe	0x100000bb	PHC Public December(phcpublish.exe)
0x100000bc	custsat.exe	0x100000bd	Fathacks - Public.exe
0x100000be	WrDLLhack.exe	0x100000bf	StepponePublic.exe
0x100000c0	DxtPublicdllWieter20.exe	0x100000c1	Andii's Hack.exe
0x100000c2	DLLINject.exe(WRHack V7)	0x100000c3	BSidle.exe
0x100000c4	www.hacktea0.forummmum.com.exe	0x100000c5	PHCD3D.exe
0x100000c6	[GHB] - ChristmasHook (14.12.08)	0x100000c7	ACTool.exe
0x100000c8	mingwm10.exe	0x100000c9	GHB Public.exe
0x100000ca	Wrrk_D3D.exe	0x100000cb	Fly+hack+prototype.exe
0x100000cc	Have+Fun+V4	0x100000cd	OnurKinin11Aralik
0x100000ce	GHB Pub/Have Func V5	0x100000cf	PCHD3D(sears.exe)
0x100000d0	Silentwalk.exe	0x100000d1	WRProxy.exe
0x100000d2	WCC Public	0x100000d3	OnurKinin20AralikHack
0x100000d4	PUBLIC+FrancYescO+No+Graphic+D3D	0x100000d5	Steppone+Pub+V1.6
0x100000d6	Steppone+V1.7	0x100000d7	wr+public+dll~FOR+DXT ~++(20.12.08)
0x100000d8~d9	Allstar_Cheat v1.3	0x100000da	MCAPUBHACK
0x100000db	Updated Holiday Hook	0x100000dc	v1cio29vip.exe
0x100000dd	temppub(23avg23.exe)	0x100000de	HyperOlly(CHN Edition/dual2.sys)
0x100000df	Silentbypassed.exe	0x100000e0	HackShield Bypass
0x100000e1	AlIDLL.exe	0x100000e2	AlIDLL.exe
0x100000e3	dronkie.exe	0x100000e4	PublicHackp[GHB].exe

0x100000e5	PublicVB.exe	0x100000e6	WR Hack D3D.exe
0x100000e7	wrs.exe	0x100000e8	GHB Christmas Hook 27.12.08
0x100000e9	Codename-x v.5	0x100000ea	djrich9 0,1
0x100000eb	Revenge D3D (No Graphic) Only Wr3ngine	0x100000ec	WR Onur Kinin 30 Aralik Hack [YEN?]
0x100000ed	Wrrk D3D (12.28.08)	0x100000ee	Dronkie V3 undetected 30.12.08
0x100000ef	Gam3rsnext Wrrk D3D 30/12/08	0x100000f0	NEW Warrock V.I.P hack gratis(Hack.exe)
0x100000f1	AllStar_Cheat Public V2.4	0x100000f2	Denosis hack v1 1.01.09 !!
0x100000f3	dominant Public D3d V0.1	0x100000f4	Wieter20's Public dll Update! 19.12.08!!
0x100000f5	WarRock D3D Hack]3d[]33t]v3r[0x100000f6	AllStar_Cheat_Public V2.5
0x100000f7	Jingle+bombs	0x100000f8	JRHeaven+v1.0
0x100000f9	N1hck4dx	0x100000fa	Revenge+D3D+ (No+Graphic)+1.6
0x100000fb	WrHack_New_Year1	0x100000fc	CrisisX / GGFPUB
0x100000fd	WrHackerV1	0x100000fe	WCC_Celebraing
0x100000ff	5thSlok	0x10000100	Stamina
0x10000101	AllStarRevenge2.1	0x10000102	D3DS.dll
0x10000103	090109GN.dll	0x10000104	hellhook.dll
0x10000105	Public Hack- Dante1217	0x10000106	lars stamina 5e slot.dll
0x10000107	Public Hack - MPSkins.dll	0x10000108	PUBLIC.dll
0x10000109	alldll.dll	0x1000010a	DeathSlim cheat.dll
0x1000010b	Lars h4x v14.dll	0x1000010c	Silentbypassed
0x1000010d	DxtPubv1[1].1	0x1000010e	WRPlus.dll
0x1000010f	wrasth.dll	0x10000110	Skywalker
0x10000111	avgrsx.dll	0x10000112	dll3.dll
0x10000113	avgrsx.dll	0x10000114	dll3.dll
0x10000115	HTP3 By Linx.dll	0x10000116	HTP.dll
0x10000117	JRHeaven.com	0x10000118	phcgaming.com
0x10000119	P-H-C-Public-3.6.dll	0x1000011a	Sky Walk
0x1000011b	punk999hack.dll	0x1000011c	Super Jump
0x1000011d	w4rr07k h447k.dll	0x1000011e	AllStar_Public_Cheat
0x1000011f	MiNiHaCk By AllStar V2.0	0x10000120	Dxtgaming Public D3D V1.25
0x10000121	finalD3D_UCcheatshack	0x10000122	*NEW* WarRock Anti-Kick
0x10000123	GHB Public Hack, By Killer06	0x10000124	Lars's DLL hack
0x10000125	MPH23	0x10000126	WR Onur Kinin Hack 16 Ocak [YENI]
0x10000127	Public Hack Version 1.2	0x10000128	LONEWOLF(DxtInjector)
0x10000129	GGF Public Hack, UD 16.01.09	0x1000012a	Madazn::The Best Dll!!!
0x1000012b	New_HeAvYs_Dll.exe	0x1000012c	TomTheBig's D3D Hook
0x1000012d	Beteasta1'sHack	0x1000012e	Bypass 2.5
0x1000012f	DxtPublicV1.2	0x10000130	mpghackD3D13
0x10000131	WarrockCheat	0x10000132	WHGN Updated FInal
0x10000133	Account Check(wracccheck.exe)	0x10000134	Account Generator

0x10000135	CCProxy	0x10000136~138	JRHeaven Pub Hacks
0x10000139	TomTheBig's Skill Hack	0x1000013a	HTPv1 (Undetected) by Lynx
0x1000013b	Hack Codename-x & Favarese91	0x1000013c~13d	Winmm.dll Proxy
0x1000013e~13f	TGS Pub VIP Hack	0x10000140	Hack Injector 4rm4g3d0n By WE11ington
0x10000141	codename-x v.9		Dutchlol V2
0x10000143	Dxt Crossfire D3D	0x10000144~145	Kanadapwns Public DLL
0x10000146	Sirbestrus Cheat 1.0	0x10000147	DxtPublic.dll
0x10000148	My Hacks 1.3	0x10000149	MoonLight Engine v1148
0x1000014a~14f	MoonLight Engine v1152, v1154, v1196 v1105, v1224, v1129	0x10000150	HACKER ! E KI LO HA DETTO hihi
0x10000151	Dante master cheat V1	0x10000152	Public Logger V.1.1
0x10000153	m1n1h4ck	0x10000154	Madazn's DLL Hack
0x10000155	Public Hack 23.1	0x10000156	Dominator's Cheat By Sirbestro 1.0
0x10000157	Sniperwar PHC Public D3D v2.0	0x10000158	Crosshair(CrOz_HaX.exe)
0x10000159	Proxycod Public D3d	0x1000015a	WRC1.1
0x1000015b	WRCoder Special Version By AllStar	0x1000015c	My Hack 1.3
0x1000015d	ICheat Engine	0x1000015e	ahaaha Engine
0x1000015f	Sex Engine	0x10000160	PPJoyKey
0x10000161	PPJoyMouse	0x10000162	PPJoyCom
0x10000163	PPJoyDLL	0x10000164	JoyToKey
0x10000165	JRHeaven Warrock Public Hack	0x10000166	WRCoder V2.0 By AllStar
0x10000167	My Hack 1.4	0x10000168	[WRC]WRCoder_V2.0_ By_AllStar / DestinationD3DHook
0x10000169	23 Ocak Super Hack [Menu] / MPH242(Nopass)	0x1000016a	Hellcod3r's Public D3D
0x1000016b	modern PHC Public DLL v1.0	0x1000016c	[WRC]WRCoder Ufficial Hacks 2.1 By AllStar
0x1000016d	[WRC]WRCoder_V2.0_By_AllStar	0x1000016e	MoonLight Engine v1236
0x1000016f	DestinationD3DHook	0x10000170	MoonLight Engine (IlvMoney1263.sys)
0x10000171	WarRock D3D Public(WRRK D3D v2)	0x10000172	Sniperwar PHC Public D3D v2.2
0x10000173~74	Gam3rsnext Warrock H47K 131	0x10000175	An Awaken D3d
0x10000176~77	GGF Public Hack UD 03.02.09	0x10000178	Italianhack.com_Cheat_1.0_By_Sirbestro
0x10000179	My Hack 1.5	0x1000017a	WRCoder V2.0 By AllStar
0x1000017b	Control Center	0x1000017c	destination D3d Hook Version 1.3
0x1000017d	Madazn's Dll V4 (1/27/09)	0x1000017e	Modern Public Dll V1.1
0x1000017f	New cheat Injector 4rm4g3d0n V1.1,	0x10000180	Xxxibladeiixx Public D3d V2

	By WE11ington		
0x10000181	Zackth14 PHC Public v1.0	0x10000182	ControlCenter.exe
0x10000183~186	GhostReplay(3.0.10.7)	0x10000187	GNWRRKH47K
0x10000188	Kakkeschij First/Second Public Hack	0x10000189	WR4H4CK_V3
0x1000018a~18e	StreetStar	0x1000018f	New Cheat Injector 4rm4g3d0n V1.2
0x10000190	[WRC]WRCoder Cheat 3.0 By Sirbestro	0x10000191	HBOT
0x10000192	Kitterz Legitimate Trainer	0x10000193	testn11.14b
0x10000194	V63OreRusherPack	0x10000195	Winject12
0x10000196	YouNubClickIt	0x10000197	Revision cheat
0x10000198	Warrock Source Public D3d	0x10000199	First Ever cheat By Cliton09
0x1000019a	Synergy Energy Hook v0.1	0x1000019b	Zackth14 PHC Public D3D
0x1000019c	virgils_hook_v1	0x1000019d	Wr-3_Public_Cheat_1.0_ By_Sirbestro
0x1000019e	New WE11ington X ZeaS Public Injector	0x1000019f	ZernClubV7
0x100001a0	?n알?v6.4	0x100001a1~1a3	yywc 7.0
0x100001a4	Jay127 D3D Hack	0x100001a5	codename-x v.10
0x100001a6	Phantom_Coding_Spammer_1.0	0x100001a7	QQ.exe_葵花?典
0x100001a8	Cliton09'S Cheats dll v2	0x100001a9	Cheat Engine 5.5/Package Editor Doh!
0x100001aa	waked_D3D1	0x100001ab	Artic66 And Venom Public-vip Hook
0x100001ac	New WarRock cheat 14/02/09	0x100001ad	WE11ington_Hack_ 4rm4g3d0n_V1.3
0x100001ae	Gokoglu	0x100001af	Orients dll Cheats
0x100001b0	GoldGamero First Hack	0x100001b1	Phantomcoding Warrock Hack
0x100001b2	WR_HACK.dll	0x100001b3	Artic_and_Venom_ Public__private
0x100001b4	Conzza's Stam hack	0x100001b5	[WRC]WrCoder Pre Vip By Sirbestro
0x100001b6	nuovo hack del	0x100001b7	M1n1H4ck v1.1 By AllStar
0x100001b8	JiRaUPro+ SETUP	0x100001b9	DarkNess V 1.0 WR Cheats, Public
0x100001ba	WR Cheats {BETA}, WR Cheats	0x100001ba	Adrenaline's First Cheat
0x100001bc	5 slot Cheats(Me_Own.rar)	0x100001bc	Maxn'S Account Updater
0x100001be	viph4x vip cheat xD	0x100001bf	Croner's New Injector(PHCD3D)
0x100001c0	GameOva.dll	0x100001c1	Trilex Public D3d V2.0
0x100001c2	WR_Hack_V1.0	0x100001c3	Ikke0147_hack
0x100001c4	New hqc wr hack public	0x100001c5	WRHackD3D
0x100001c6	Zer0nX Public v2.3	0x100001c7	Cliton09 Hack Dll V5
0x100001c8	Virgils D3D	0x100001c9	GoD D3D Hook V1.0
0x100001ca	warrock hack v1.4, by w4rlock	0x100001cb	Mini Cheat fur Jann
0x100001cc	ggf_titans first PUBLIC Hack	0x100001cd	CroNer's Green D3D
0x100001ce	[WRHCKS]D3Dhack	0x100001cf	WHHookv3.1 ist drausen

0x100001d0	Warrock H4ck V.I.P NEW	0x100001d1	GameFuckers D3D
0x100001d2	Cracked Insano Labs VIP Hack		

[ErrorCode: 0x100001d3]

Symptoms

1. An error message (Error Code: 0x100001d3) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x100001d3) occurs, and the game is terminated.

Cause

- The ProcessGuard program is detected by the HackShield memory heuristic engine.

Solution

1. Terminate the ProcessGuard program, uninstall it. Restart the computer, and then run the game again.
2. If the solution above does not work, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x100001d4 - 0x100001f7]

Symptoms

1. An error message (Error Code: 0x100001d4 to 0x100001f7) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x100001d4 to 0x100001f7) occurs, and the game is terminated.

Cause

- The hack program has been detected by the HackShield memory heuristic engine.

Solution

1. Terminate the hack program referring to the error code below and restart the game.
 - A. As hacking tools have their own UIs, users can recognize when they are running. If a user does not know the name of the hacking tool, refer to the error code table below and terminate the program.
2. If the user is not using the hack program, or cannot find the program, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

Error code

Error Code(HackNumber)	Hacking Tool's Information	Error Code(HackNumber)	Hacking Tool's Information
0x100001d4	nfojdyou	0x100001d5	Fairy_Ape.exe
0x100001d7	sk410	0x100001d6	SuperRec
0x100001d8	HeroKey	0x100001d9	Seraph
0x100001da	Cheat Injector 4rm4g3d0n V1.4, By WE11ington	0x100001db	Croner's Orange D3d
0x100001dc	Public cheat By Cody	0x100001dd	New Pub Hook(GameOva)
0x100001de	Public cheat I 27.02.09 by - Numb-	0x100001df	WARROCK_RAMPAGE.rar
0x100001e0	WarRoCk_HaCkZoR.dll	0x100001e1	Vodkaz D3D
0x100001e2	Waked war injector	0x100001e3	Rocka8 Dll Hack
0x100001e4	Hack (by steven13)	0x100001e5	Zanzas_Hook 28.2.09
0x100001e6	Bastard.rar	0x100001e7	Gioshua_Beta_Hack
0x100001e8	danybr's hack 1.1	0x100001e9	CrossPunk
0x100001ea	Crosshair Tool	0x100001eb	TomTheBig's_WarRock_Spammer
0x100001ec	Waked War Spammer	0x100001ed	UG pl0xy
0x100001ee	Warrock_Hack_V1.5	0x100001ef	Hack by Me
0x100001f0	Codename-x_v[1].7_public	0x100001f1	Artic66_and_Venom_Public
0x100001f2	K2_Suxx_by_BlueApple	0x100001f3	WE11ington_Hack_4rm4g3d0n_V1.4
0x100001f4~f5	TeamSpeak	0x100001f6	SimpleChams
0x100001f7	nfoSimpleChams	0x1000021f	LH1337_bin
0x100001f	Restricted Cross.exe	0x100001f4~f5	TeamSpeak
0x100001f6~f7	SimpleChams	0x100001ff	Hack.rar
0x1000021a	UGEngine	0x1000021b	ProcessGuard
0x1000021c	nfoNew_Insano_Labs_VIP_Hack	0x1000021d	NUAH Hack 1.1
0x1000021e	nfoDaCross_v0.6	0x10000217	UnderRound H4CK3R War Rock
0x10000218	nfoWarRock Injector	0x100002179	UnderRound H4CK3R War Rock
0x10000215	nfoFrancYescO_D3D_WarRock_VIP	0x10000210	WR Trainer.exe
0x1000020f	nfoN3oKains_Public_1.0	0x1000020e	BlackDragon's Hack
0x1000020d	nfoCroners D3d	0x1000020c	Adrenaline's D3d V1.1
0x10000211	nfoLoad.exe(Slow_NoHS.dll/Spear.dll)	0x10000200	TomTheBig's Glitch cheat
0x10000201	lwanno12 Hack	0x10000202	WarH4ck PwnAge
0x10000203	WRdominatoR	0x10000204	Sh4d0w[No_Menu]Public
0x10000205	JRHeaven Public By Sirbestro	0x10000206	Zeftor & Poesy Public Hook
0x10000207	Xalaq Crosshair	0x10000208	Waffen-hack
0x10000212~14	HolicYes		
0x10000221	ifrhack	0x10000223	SimpleChams1.2
0x10000224	UGPUB	0x10000225	WARROCK HACK
0x10000226	rockanderr hack	0x10000227	Rocka8s DLL Hack 2.0

0x10000228	Advanced_Spammer	0x1000022a	IP Scanner(D3lisle.exe)
0x1000022b	光明戰神.exe	0x1000022c~22d	dll.exe(MP-Hacks ESP.dll)
0x1000022e~22f	PI Beta Hook		
0x10000230	xGODxD3D	0x10000231	oph
0x10000232	War Rock Hacks - Eazy.E	0x10000233	E4GI31fr1t
0x10000234	GameOva PUB	0x10000235	WRTurkHackDS
0x10000236	OnurKininSpammer	0x10000237	WarrockHackCleaner
0x10000238	Wchag.com Public Hook	0x10000239	PO Hack
0x1000023a	Dudeslp D3D Hack	0x1000023b	Hacker2804-Spammer
0x1000023c	Wchag spammer V1.0	0x1000023d	Spammer1.0
0x1000023e	Warrock-Spammer	0x1000023f	3xi.exe
0x10000240	Wchag.com_VIP_by_Datijn123	0x10000241	K2Warez_VIP_Preview
0x10000242	cheat.exe	0x10000243	GameH4X_Public_D3D
0x10000244	Unknown_pk	0x10000245	HSBuster.dll
0x10000246	WarRock_Public_D3D_Hook	0x10000247	icq der Warrock hack
0x10000248	FREE_CASH-CRACK.V2	0x10000249	[cheat-project.com] McHack
0x1000024a	Jack29 v2.0	0x1000024b	GODF4Th3Rx Pub 0.5
0x1000024c	NUAH_1.3_Mit_GM_MODE	0x1000024d	NUAH_1.3_Ohne_GM_MOD E
0x1000024e	PHCPUBLIC_BY_ZANZA	0x1000024f	Sh4d0w_Hack_v2_K2Warez
0x10000250	SexXxy_HaxXx	0x10000251	Z3r0_Sp4m
0x10000252	WR-SPAMMER	0x10000253	Warrock_Web_Browser_Insta r
0x10000254	FatHacks.Com_-_VIP_hack	0x10000255	Kleiner Public Hack Fur GreyCore
0x10000256	DarkNess v 1.1 WR Cheats	0x10000257	DarkNess v1.0 D3D
0x10000258	5 slot Cheats	0x10000259	Awesome Warrock Hack
0x1000025a	warrock hack v3	0x1000025b	Benzinerfahrers Puplic Hack
0x1000025c	GameH4X Small Public	0x1000025d	Johannes
0x1000025e	oWwD3DZIP	0x1000025f	QQ.exe_葵花?典
0x10000260	GzH_Warrock We11ington	0x10000261	Stylas Warrockhackz.Tk Webbrowser
0x10000262	Stylas Fixxed Spamma	0x10000263	Stylas Fixxed Spamma
0x10000264	Blutonium-Hackers-D3D- Beta-Hack	0x10000265	TomTheBig_s_Public_D3D
0x10000266	UnknownPK	0x10000267	I.C.E_injector
0x10000268	Multi Spammer	0x10000269	Spammer_by_Kev887
0x1000026b	h4ch	0x1000026c	Pro_Code_v2
0x1000026d	K2Warez_VIP_Hook_BETA	0x1000026e	Kleiner Hack 2009-03-29
0x1000026f	hack		
0x10000270	grev_d3d	0x10000271	Pro_hack
0x10000272	artillery_V3	0x10000273	armtopbank V.5.0
0x10000274~75	FZG_NoNamev1.3&1.5	0x10000276	JOJO_V085+1220
0x10000277	Fzg_Dr_v223	0x10000278	warrock hack
0x10000279	warrock-foren.xphpbb.com	0x1000027a	warrock-foren.xphpbb.com
0x1000027b	steel wrapper	0x1000027c	BigMacroTool
0x1000027d	MC Spammer	0x1000027e	German-Hacks-Spammer
0x1000027f	All-In-One		

0x10000280	01.04new_I.C.E	0x10000281	Warrock_hack_v3
0x10000282	GameH4X_Spammer	0x10000283	SysComEngine_1236
0x10000284	FrancYescO_D3D_WarRock_VIP	0x10000285	public-beta
0x10000286	Sh4d0w_h4ck_v3	0x10000287	Sniperwar DLL(09.01.09)
0x10000288	Quick Memory Editor	0x10000289	DxtHack
0x1000028d~28e	Sora Engine	0x1000028a	WarHax.Rel
0x1000028b	wrhackers_public	0x1000028c	HTG Spammer V2
0x1000028f	jr heaven public hack V2.0	0x10000290	War_Hax_D3D_Hook_By_N1
0x10000291	warrock-hack.nl vip	0x10000292	04.04MyFirstD3DHOOK
0x10000293	Spammer.exe	0x10000294	Spammer.zip
0x10000295	M_Spammer.exe	0x10000296	MyBot PE
0x10000297	07.04WarHax_VIP_D3D_Hook	0x10000298	K2_warez_VIP_temporary_hook_-4-7-09
0x10000299	WrHack_v2	0x1000029a	07.04_whimp_Undetectet
0x1000029b	MPC_D3D_Hook_By_N1	0x1000029c	WarRock_Hack
0x1000029d	MoonLight Engine 1196(DNF.sys)	0x1000029e	08.04WarHax.Com_1
0x1000029f	Spammer_V1.1	0x100002a0	Quick Macro 6.86.3042
0x100002a1	CabalRider.exe	0x100002a2	CabalRider.exe
0x100002a3	hlc_V8.5	0x100002a4	HoHelperBeta3.30
0x100002ab	game_booster	0x100002aa	crosshair.zip
0x100002a9	Maxn__S_Advanced_Spammer	0x100002a8	lhackedthat D3D Public Hook v1.0 by zwe47
0x100002a7	l2phacking PublicV1.0	0x100002a6	WE11ington Hack 4rm4g3d0n V1.6
0x100002a5	WR3ngine_VIP_hack_updated_-_wr3ath	0x100002b2	17.04working_hck_Friday__April_17th__2009
0x100002b8	19.04_xANOx_Pub_Hack	0x10000450 0x10000451	~ DROP.EXE
0x1000045c	GrapeMemory.exe	0x1000045b	CPLoader.exe + WonderSpeed.dll
0x1000044d	CSOL-1204免费版	0x10000454	NT.exe
0x10000453	HJ	0x1000044e	CSO秘密客.exe VIP v1.9
0x1000044f	HeavenCondition v0.999	0x10000452	agBot
0x1000044a	091202_Ver.2.rar	0x10000449	达人1123吸怪防炸版.exe
0x1000044c	Sean WallHack	0x1000044b	jzsz1.44.rar(3GGF.exe)
0x1000045a	hlc- v15.8	0x10000459	AugmentedSkills VIP
0x1000045b	CPLoader.exe + WonderSpeed.dll	0x1000045c	peMemory.exe
0x1000045d	Tiara's Moonshine Mod G8S5-V55	0x1000045e	WonderSpeed, Zylon
0x1000045f~ 0x10000462	WonderSpeed	0x10000464~ 0x10000465	WonderSpeed 2.5
0x10000467	HeavenCondition v2.11	0x10000463	DnfHelper.exe3.2
0x10000466	CVG.exe	0x10000201	落泪红尘
0x10000469~ 0x1000046a	Fossil Restoration V9.6.exe	0x10000284~ 0x10000287	Sniperwar DLL(09.01.09) Sh4d0w_h4ck_v3 public-beta FrancYescO_D3D_WarRock_VIP
0x1000046b	Run.exe	0x1000046e	Hack.exe

0x1000046d	ECTeleportHack1.0.exe	0x1000046f	100513_Ver.04
0x10000471	WPE packet manipulation tool (Sandboxie)	0x10000470	SOCCER.exe
0x10000472	Easymetin2	0x10000479	GameFree
0x1000047a	ProcessHacker.exe(kprocesshacker.sys)	0x1000047d	ProcessHacker(ProcessHacker2Mutant)
0x1000047c	X-Ways WinHex v15.6	0x1000047e	变速精灵
0x1000047f	JimatBombermanV1.0.exe Tomyrambozha_PB Ammo.exe	0x10000480	4Story Multihack v3.2.0.1.exe
0x10000483	smss.exe(QMacro)	0x10000484	WinHex Editor
0x10000485	瞬移加速.exe	0x10000486	New-蝙蝠侠
0x10000487	Sandbox	0x10000488	Sandbox
0x10000489	Sandbox	0x1000048a	Sandbox
0x1000048b	Sandbox		

[ErrorCode: 0x20000001 ~ 0x20000166]

Symptoms

1. An error message (Error Code: 0x20000001 to 0x20000166) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x20000001 to 0x20000166) occurs, and the game is terminated.

Cause

- The hack program has been detected by the HackShield memory heuristic engine.

Solution

1. Terminate the hack program referring to the error code below and restart the game.
 - A. As hacking tools have their own UIs, users can recognize when they are running. If a user does not know the name of the hacking tool, refer to the error code table below and terminate the program.
2. If the user is not using the hack program, or cannot find the program, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

Error code

Error Code(HackNumber)	Hacking Tool's Information	Error Code(HackNumber)	Hacking Tool's Information
0x20000001	hyperolly 1	0x20000002	hyperolly 2
0x20000003	Attack Protect.exe	0x20000004	dxwnd.exe
0x20000005	WinDbg	0x20000006	ProcessExplorer
0x20000007	ProcessMonitor	0x20000008	FileMonitor/RegMonitor
0x20000009	AuditionDoumi	0x2000000a	AuditionDoumi
0x2000000b	Requiem AutoStick	0x2000000c	Cheat Engine 5.0 5.1 5.2 5.3
0x2000000d	다시쓰는스포.exe	0x2000000e	Automouse hacking tool
0x2000000f	스포활용능력.exe	0x20000010	둘리™.exe
0x20000011~12	e.exe	0x20000013~14	쌔校톨網0424.exe
0x20000015	EZ_RAG2.EXE	0x20000016	Neo_Audition
0x20000017	Macro hacking tool	0x20000018	AUMaster.exe
0x20000019	舞金手指6.0	0x2000001a	OllyDbg
0x2000001b~d	bsAngle.exe	0x2000001e~f	AuditionDoumi
0x20000020~24	AuditionDoumi	0x20000025~27	AudiAuto
0x20000028~29	Requiem AutoStick	0x2000002a	Requiem AutoStick
0x2000002b	OllyDbg110 9in1 for Themida / OllyICE	0x2000002c	OllyDbg200a v2.0
0x2000002d	IDA Pro Advanced V5.0 V5.1	0x2000002e	AutoF9.exe
0x2000002f	ModzPerfect.exe	0x20000030~32	Requiem AutoStick
0x20000033~34	연팩.exe	0x20000035	qq.exe
0x20000036~37	wpe pro.exe	0x20000038	MOFHelper.exe
0x20000039	QuickMacro v6.20.exe	0x2000003a~c	Fyblade.exe v1.1
0x2000003d~f	SkyQS1.14.exe	0x20000040~41	moFairyAss.exe
0x20000042~43	Ethereal 0.99.0	0x20000044~45	wireshark.exe
0x20000046	Packetyzer.exe	0x20000047~48	舞炸房小工具.exe
0x20000049	Perfect Ball Freezing	0x2000004a~4b	Perfect Ball Freezing
0x2000004c~4d	MrPerfect.exe	0x2000004e	Ethereal 0.99.0
0x2000004f	wireshark.exe	0x20000050	游.exe
0x20000051~53	Smuggle_v2.5	0x20000054	NetSuspend v4.4 Packet_Drop
0x20000055	QQ v0126/v0129/v0218/v0226	0x20000056	QQ.exe
0x20000057~58	Explorer SpeedHack	0x20000059	CheatEngine
0x2000005a~5b	CheatEngine	0x2000005c	Clonning v1.2
0x2000005d~5f	Fyblade.exe v1.6/v1.7	0x20000060~63	Fyblade.exe v1.6/v1.7
0x20000064~67	QQ0514	0x20000068	WinDbg
0x20000069	GhostReplay	0x2000006a~6e	GhostReplay
0x2000006f	SkyQS_GOD_v105	0x20000070~71	SkyQS_GOD_v105
0x20000072~73	Speedup3.exe	0x20000074~75	CoolG_Riy.exe
0x20000076~77	Ice Modz.exe/One Key.exe/Two Key.exe/Zero Time.exe	0x20000078	One Key.exe

0x20000079	Two Key.exe	0x2000007a	Zero Time.exe
0x2000007b~7e	MHS.exe	0x2000007f	fhlun
0x20000080~82	GSspeed1.41.exe	0x20000083~84	MHS.exe
0x20000085~87	MoonLight_Engine_1148.17.exe	0x20000088~89	explorer.exe(SpeedHack)
0x2000008a	explorer.exe(SpeedHack)	0x2000008b	oz_manual.exe
0x2000008c~8f	playchanpagne.exe	0x20000090~94	ECP.exe
0x20000095~96	Login_FSBox	0x20000097	WPE Pro
0x20000098~99	ThunderEngine	0x2000009a~9b	ThunderEngine
0x2000009c~9f	SpeedHack	0x200000a0~a2	fenghuoxiaoosheng.exe
0x200000a3~a6	ECP.exe, v1.2.10/v1.3.12	0x200000a7	F_MACRO.EXE
0x200000a8~a9	ECP.exe, v1.3.30	0x200000aa	rPE Packet Editor
0x200000ab, ac, ad	QQ.exe v0807	0x200000ae, af	SpeedGame.exe
0x200000b0	Game Expert v6.2	0x200000b1~b2	anjianjingling6.exe-QMacro
0x200000b3	Login_FSBox(Login_Box.exe)	0x200000b4~b5	QQ0926(Audition/Automacro)
0x200000b6	L.H Freelnput.exe	0x200000b7~b9	SunHelper.exe
0x200000ba~bf	ChampagneMania Holic	0x200000c0~c2	ChampagneMania Holic
0x200000c3~c5	킨퐁췘출롤경(SpeedGear).exe	0x200000c6~c7	Fast_kill_hack
0x200000c8~c9	HackByCodeZero(30.4.08)	0x200000ca~cb	PixelTrigger
0x200000cc~cd	LH_Freelnput.exe	0x200000ce	Syser Kernel Debugger
0x200000cf	WRAuto Talker.exe	0x200000d0~d1	AdvNogi v2.70
0x200000d2	DxtXHair v2.2	0x200000d3	JanOwners Advanced Program v2.exe
0x200000d4	EZ Auto	0x200000d5	Spammer
0x200000d6	HatsalNogi	0x200000d7	Bloodvfire's Spammer
0x200000d8	Saruengang V1.04/HyperOllly	0x200000d9	ECP.exe v1.5.85
0x200000da	Crosshairs.exe	0x200000db~dc	UltraSpammerV2_1 EnglishVersion
0x200000dd	VB.Net_UMM.exe	0x200000de	MultiCross.exe
0x200000df	SPAMBOT.exe	0x200000e0	SPAMBOT.exe
0x200000e1	WRAutoTalker.exe	0x200000e2	crosshair.exe
0x200000e3~e4	Punkbuster Killer.exe	0x200000e5~e7	FSPower V1.3
0x200000e8	GameRegistance+2.08	0x200000e9	oz Doumi
0x200000ea	Scope_Patcher_by_TomTheBig.exe	0x200000eb	D3D+WR+hack.exe
0x200000ec	K2CarbonSpammer.exe	0x200000ed	V!rus.exe
0x200000ee~ef	StreetStar.exe	0x200000f0~f1	Crosshairs+by+h4xter.exe
0x200000f2~f5	Project1+(1).exe	0x200000f6~f7	Text+Spammer.exe
0x200000f8~f9	LordMan's Warrock Trainer v4.0.exe	0x200000fa~fc	spam.exe
0x200000fd~fe	w4rh4x public v1.0.exe	0x200000ff	Hans211
0x20000100~101	Hans211	0x20000102	WR_Hack_by_Grisen.exe
0x20000103~104	Christmas Hook.exe	0x20000105	Crosshair.exe
0x20000106	IPwnedX_s_Account_Generator.exe	0x20000107~109	HSUpdate Bypass
0x2000010a	CH.exe	0x2000010b	Warrock+Spam+Bot.exe

0x2000010c~10d	HyperOily(CHN Edition/NewProject.exe)	0x2000010e	DXT Gaming Spammer: By Coolyo1
0x2000010f	Proxy Hack	0x20000110	Proxy Hack
0x20000111	KnightV	0x20000112	GlovePIE
0x20000113	Anti_Kick	0x20000114	N1hck4dxt
0x20000115	WRSPublic	0x20000116	HackBan+1.-+by+El+Pingu
0x20000117	Arnold's CrossHair)	0x20000118	FPS-Cheats Spammer
0x20000119	Wieter20's Spammer	0x2000011a	CrossHair Hack
0x2000011b	SecretMerchanter - v1.1 - Made by Secet	0x2000011c	Wr_OC V3.exe - Online Checker
0x2000011d	Undetected CH Hack for the Holidays!(CH)	0x2000011e~11f	[ghb] Public Hack 3.5
0x20000120	WRS_Spam.exe	0x20000121	Warrock Retail Code Generator.exe
0x20000122	WarRock-Avatar-Tool.exe	0x20000123	Phantom_Coding_Spammer_1.0.exe
0x20000124	Super Spammer.exe	0x20000125~46	WRS+Crosshair+Pack.exe
0x20000127	Account Lister ~2.0~	0x20000128	ID Generator
0x20000129	MaYkO12 Hack	0x2000012a	Best WarRock Spammer
0x2000012b	JoyToKey	0x2000012c~12d	MemoryEdit
0x2000012e	OnurKininSpammer	0x2000012f	Marcus-k Public Spammer
0x20000130	Bloodyfires's Warrock Spammer	0x20000131	ProSpammer
0x20000132	jinsu_nnogi_lv120	0x20000133	Panda_DDOS ENG & CHN
0x20000134	Account Generator	0x20000135	Crossshairs Personalizzati
0x20000136	Control Center	0x20000137	Officil_GHB_Spammer
0x20000138	Warrockphbv1 New!	0x20000139	Wr-Pure.tk spammer
0x2000013a	Wrrk Spammer By HeroMx	0x2000013b~13f	GhostReplay(3.0.10.7)
0x20000140~141	GhostReplay(3.0.10.7)	0x20000142	Dxt Spammer
0x20000143	Multi Spammer By Favarese91	0x20000144	spammer V.3 re-release
0x20000145	War Rock Injector	0x20000146	Audition Agent 2.4 Exitmated
0x20000147	StreetStar	0x20000148	True_Fave_Public_Hack_v 2
0x20000149	Bizarro Trainer.exe	0x2000014a	NoobisBot.exe
0x2000014b	Cheetah Injector v1.3	0x2000014c	FBot
0x2000014d	PiNHunter.exe	0x2000014e	GHB Spammer
0x2000014f	OllyDBG-RAMODB	0x20000150	OllyDBG-The-Best-version
0x20000151	WarHax V.1 >> VB.NET Trainer	0x20000152	PHC Spammer
0x20000153	Spammer By Kakkeschij	0x20000154~159	?^알?v6.4
0x2000015a	Cheat Engine 5.5/Packet Editor Doh!	0x2000015b	Kenny's VB6 .DLL injector
0x2000015c	WarHax V.3.0(public_hax)	0x2000015d	crosshair.exe
0x2000015e	Addy Logger	0x2000015f	Account_Updater.exe
0x20000160	GHBSpammerbyZeaS.exe	0x20000161	Maxn'S Account Updater
0x20000162	Cr0ssHair_made_by_t0ni	0x20000163	5dye(轟돈침분.exe/

			넵롱돔름燎친옴품憩경.exe)
0x20000164	crosshair hack	0x20000165	UltraSpammer
0x20000166	GHB-Beta_v1.4	0x20000167	Spam V2
0x20000168	Warrock_script_1.2	0x20000169	Ho2HelperBeta3.21
0x2000016a~16d	Ho2HelperBeta3.21	0x2000016e	MagicSpeed
0x2000016f	spambot.exe	0x20000170	Hack Shield Bypass (WindowsFormsApplication 1)
0x20000171	Advanced_Spammer	0x20000172	Spammer v 1[1].1 (By Twist)
0x20000173	D4rk4dm1n_CrossHair_1.2	0x20000174	FZG_Nonamev1.3&1.5
0x20000175	MapleStoryTW_2.00C	0x20000176	Fzg_Dr_v223
0x20000177	MyBot PE	0x20000178	CabalRider.exe
0x20000179	CabalRider.exe	0x2000017a	DrvAnti_MFC.exe
0x2000017b	9aiwaigua	0x20000183~5	92SK--CSOLV1.2
0x2000017c	GHBSYS_Spammer	0x20000186	Custom__full_.exe
0x2000017d	Mouse	0x20000187	Custom__simple_.exe
0x2000017e	Explorer.exe	0x2000017c	GHBSYS_Spammer
0x2000017f	Explorer.exe	0x2000017d	Mouse
0x20000180~2	sfbtw(CSO.exe)	0x20000191	iFLo Bot v2.0
0x200001c7 ~0x200001ca	Providing.rar	0x200001bd	才女无敌器.exe
0x200001b6	小二工具 v 0.3	0x200001bc	in.exe
0x200001b5	才女技能修改器4.2	0x200001b5	才女技能修改器4.2
0x200001b4	两女一杯.exe	0x200001a9 ~0x200001ab	csgo1.54
0x200001b0 ~0x200001b1	08_Ver.1.exe/100108_Ver.2.exe	0x200001af	checkmem.dll
0x200001a2 ~0x200001a3	CSO秘密客.exe VIP v1.8	0x200001a5	agBot
0x200001a6	AutoKing	0x200001a7	csgo v1.53
0x200001a8	HJ	0x200001a4	csgo v1.53
0x2000019f ~ 0x200001a1	091207_Ver.4.exe	0x200001b0~ 0x200001b1	100108_Ver.1.exe 100108_Ver.2.exe
0x200001b2	100111_Ver.6.exe	0x200001b4	两女一杯.exe
0x200001b3	100111_Ver.8.exe	0x200001b5	才女技能修改器4.2
0x200001af	checkmem.dll	0x200001b7	直升机V5.0/直升机V5.2
0x200001bf 0x200001c0 ~0x200001c6	CDHack v2.30~2.32	0x200001b6	小二工具 v 0.3
0x200001bc	in.exe	0x200001bd	才女无器.exe
0x200001be	100129_Ver.2.exe	0x200001c7 ~ 0x200001ca	脸蛋卡水器[0.6版].exe/ 脸蛋卡水器[F.1.2收官A].exe
0x200001bf~ 0x200001c6	MPH CA Gordon Hack v1.2.5	0x200001b8~ 0x200001bb	CDHack v2.26/ 白月V Hack 1.4.1.20
0x200001cb~	100220_Ver.x.exe	0x200001cf	Cheating Tool V3.5.e

0x200001ce	100222.Ver.x.exe		
0x200001d0~ 0x200001d4	hlc_v100302	0x200001d5	Crack ViaGra
0x200001d6	keyclone.exe	0x200001d7	Keyboard.exe
0x200001d8	vitass	0x200001da	Alauto
0x200002e6	DnfHelper.exe3.5	0x200001d9	vitass(update)
0x200001dc	CC Neo	0x200001e0	100526_Ver.06
0x200001dd~ 0x200001de	NGM.exe	0x200001be	100126_Ver.2.exe 100129_Ver.2.exe
0x200001df	100524_Ver.02 & 100524_Ver.03	0x200001e1~ 0x200001e3	AlAuto
0x200001e4	100602_ver.13 100602_ver.14	0x200001e6	100604_Ver.7
0x200001d5	Crack ViaGra	0x200001e7	4StoryMultihackv2.9 Darkparadiseturnperx321.
0x200001d7	Keyboard.exe	0x200001e8	csolchaoren_3.0
0x200001ec	100707_Ver.8.exe	0x200001e9	Ghost2.76
0x200001ed	100712_Ver.2.exe	0x200001eb	100705_Ver.3.exe
0x200001ee	100712_Ver.8.exe	0x200001ef	100712_Ver.9.exe
0x200001f0	100714_Ver.2.exe	0x200001f1	100714_Ver.6.exe
0x200001f3	100719_Ver.1.exe	0x200001f2	100714_Ver.8.exe
0x200001f6	100723_Ver.1.exe	0x200001f4	100719_Ver.3.exe
0x200001f7	100727_Ver.7.exe	0x200001f5	100723_Ver.1.exe
0x200001f8,	100728_Ver.1.exe	0x200001f9	100728_Ver.1.exe
0x200001fa	100803_Ver.6.exe	0x200001fc	100809_Ver.4.exe
0x200001fd	大飞0816sp3.exe	0x200001fe	100818_Ver.3.exe
0x200001ff	100818_Ver.5.exe	0x20000200	100819_Ver.4.exe
0x20000201	wjbsbs13.exe(login.exe)	0x20000202	Agbot ver.4.0.9
0x20000204	卡时间助手.exe	0x20000203	卡时间助手.exe
0x20000205	卡时卡NPC助手(卡时卡怪(刚好五个字))	0x20000206	[WIN]0x200001f4 pattern recreated
0x20000207	[WIN]0x200001fc pattern recreated	0x20000208	[WIN]0x200001fb pattern recreated
0x20000209	[WIN]0x200001fe pattern recreated	0x2000020a	[WIN]0x200001f4 pattern recreated
0x2000020b	[WIN]0x20000200 pattern recreated	0x2000020c	TwBot
0x2000020d	BNBRoyal(WorkDll.dll)	0x20000212	100919_Ver.4
0x20000213	100919_Ver.4	0x20000215	100926_Ver.6
0x20000214	100926_Ver.4	0x20000211	100919_Ver.3
0x20000210	100919_Ver.2	0x20000217	蓝月亮透视
0x20000216	100929_Ver.1	0x20000218	技术锁街 V7.3
0x20000219	TwBot_2.350	0x2000021c	101009_VER.3
0x2000021b	101009_VER.2	0x2000021a	101009_VER.1
0x2000021d	101014_Ver.1	0x2000021e	101014_Ver.2
0x2000021F	EasyMetin2_DE_0.1.17.1791	0x20000220	技术纯伴侣 S-V7.7

0x20000221	BNBRoyal_1019	0x20000222	BNBRoyal_1019
0x20000223	BNBRoyal_1019	0x20000224	BNB_V063_Multi
0x20000225	BNB_V063_Multi	0x20000226	BNB_V063_Multi
0x20000227	BNB_V063_Multi	0x20000228	101021_Ver.1
0x20000229	101021_Ver.2	0x2000022a	BNBRoyal_1020
0x2000022b	BNBRoyal_1020	0x2000022c	203试用
0x2000022d	Exper Bot v1.0	0x2000022e	101026_Ver.4
0x2000022f	Ball FreezeHack	0x20000230	卡时间助手
0x20000231	101027_Ver.1	0x20000232	101027_Ver.2
0x20000233	101102_Ver.3	0x20000235	101104_Ver.1
0x20000234	101104_Ver.3	0x2000023d	BBW v1.07
0x2000023e	BBW v1.07	0x2000023f	BBW v1.07
0x20000240	BBW v1.07	0x20000241	BBW v1.07
0x20000236	CNGOKART-11.9.rar	0x20000237	101108_Ver.1
0x20000238	WPE Pro	0x20000239	WPE Pro
0x2000023a	WPE Pro	0x2000023b	101109_Ver.3
0x2000023c	101109_Ver.4	0x20000242	101111_Ver.2
0x20000243	101111_Ver.4	0x20000244	101111_Ver.6
0x20000245	101111_Ver.7	0x20000246	CBNB_duokaibot_20101111
0x20000247	CBNB_duokaibot_20101111	0x20000248	101112_Ver.1
0x20000249	101114_Ver.2	0x2000024a	101114_Ver.3

[ErrorCode: 0x30000001 ~ 0x30000024]

Symptoms

1. An error message (Error Code: 0x30000001 to 0x30000024) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x30000001 to 0x30000024) occurs, and the game is terminated.

Cause

- The hack program has been detected by the HackShield memory heuristic engine.

Solution

1. Terminate the hack program referring to the error code below and restart the game.
 - A. As hacking tools have their own UIs, users can recognize when they are running. If a user does not know the name of the hacking tool, refer to the error code table below and terminate the program.
2. If the user is not using the hack program, or cannot find the program, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

Error code

Error Code(HackNumber)	Hacking Tool's Information	Error Code(HackNumber)	Hacking Tool's Information
0x30000001	smuggle_2.5 2000nosp	0x30000002	smuggle_2.5 2003nosp
0x30000003	smuggle_2.5 2003sp1,2	0x30000004	smuggle_2.5 xp
0x30000005	ICEMODZ	0x30000006	MoonLight1129
0x30000007	beckgom_2.0_rev1230	0x30000008	DAEngine v5.4
0x30000009	MHS v5.001/v5.002/v5.004	0x3000000a	Revolution v7.2/v8.3
0x3000000b	CheatEngine v5.4	0x3000000c	fjFixMachine.exe
0x3000000d	MoonLight Engine.exe v1224.4.0.15	0x3000000e	CoCo 0.6v.exe
0x3000000f	Concept Engine.exe	0x30000010	Auto.exe
0x30000011	Revolution 7.2(Brazil Version)	0x30000012	MoonLight Engine 1196.exe
0x30000013	blorbslayer Engine	0x30000014	MoonLight Engine 1148/1152/1154
0x30000015	Revolution Engine 6.2/7.2/8.3	0x30000016	Vicious Engine 5
0x30000017	Cheat Engine 5.3	0x30000018	Cheat Engine 5.2
0x30000019	Cheat Engine 5.1.1	0x3000001a	KiKi's Undetected Cheat Engine
0x3000001a	QQ.exe v1212	0x3000001a	Ghost Killer
0x3000001a	ICheat Engine	0x3000001a	ahaaha Engine
0x3000001a	Sex Engine	0x30000020	Audition Agent 2.4 Exitmated
0x30000021	DAEngine v1.0	0x30000022	GameAnarchy
0x30000023	FPSCheat-CAHook3Beat	0x30000024	GameAnarchy
0x30000025	dcinjector&spear.dll	0x30000026	GameAnarchy
0x30000027	CAHook3Beta(14th Mars)	0x30000028	GameAnarchy
0x30000029	CombatArms/CAHook3Beta - March20	0x3000002a	3xi
0x3000002c	GameAnarchy	0x3000002f	GameAnarchy
0x3000002e	EU/CombatArms - CAHook3Beta / Mar27	0x3000002d	US/CombatArms - CAHook3Beta / Mar27
0x30000030~31	FPSCheat-CAHook3Beta(4/2)	0x30000032	DxtHack
0x30000033	GameAnarchy	0x30000034	MoonLight+Engine+1236.4.0.21
0x30000034	SoRaEngine v4.6	0x30000035	TeamSpeak
0x30000036	EU Chams	0x30000037	Dxt Public D3D
0x30000038	FPSCheats_CAHook3Beta	0x30000039	FPSCheats_CAHook3Beta
0x3000003a	GameAnarchy	0x3000003c	FPSCheats_CAHook3Beta
0x3000003b	FPSCheats_CAHook3Beta	0x3000003d	armtopbank V.5.0
0x3000003e	GameAnarchy	0x3000004~2	GameAnarchy
0x3000003f	hlc_v8.6hlc_v8.6	0x30000069	MoonLight
0x30000043~4	FPSCheats_CAHook3Beta	0x3000006a	GameWatcher(2.0.1).exe
0x30000045	GameAnarchy	0x3000006b	HolicYes-20090524
0x30000046~7	FPSCheats_CAHook3Beta	0x3000006c	fx9.exe
0x30000048~9	IceSword	0x3000006d~e	FPSCheats_CAHook3Beta
0x3000004a	IceSword	0x3000006f	Se4nH4x
0x3000004b~f	FPSCheats_CAHook3Beta	0x30000070	d.rar/VipHackArrayTeam.rar
0x3000004d	GameAnarchy	0x30000071	WarRock_Sucks_v5.1

0x30000050	GSVIPX1.76.rar	0x30000072	26.05_hook_66
0x30000051	HolicYes_20090430	0x30000073	hlc_v9.8
0x30000052	hlc_v9.2	0x30000074~7	FPSCheats_CAHook3Beta
0x30000053~7	FPSCheats_CAHook3Beta	0x30000078	30.052Awesome_V.I.P._Menu_29.05_2009_
0x30000055~9	GameAnarchy	0x30000079	31.05_WE11ington_Hack_4rm4g3d0n_V1.9
0x3000005a	GameAnarchy	0x3000007a	01.06_warhax
0x3000005b~c	FPSCheats_CAHook3Beta	0x3000007b	CSOL
0x3000005d	GameWatcher.exe	0x3000007c~d	FPSCheats_CAHook3Beta
0x3000005e	HoHelperBeta3.360	0x3000007e	MoonLight
0x3000005f	Se4nH4x	0x3000007f	Malware
0x30000060	GameAnarchy	0x30000065	HolicYes-20090521
0x30000061	hlc_v9.7	0x30000086~7	FPSCheats_CAHook3Beta
0x30000062~3	FPSCheats_CAHook3Beta	0x30000088	dll_Inject(Spear.dll)
0x30000064	HoHelperBeta3.370	0x3000009a	FPSCheats_CAHook3Beta
0x30000099	FPSCheats_CAHook3Beta	0x3000009b	AutoInjector.exe(090619.dll)
0x3000009c	csgo1.14.exe	0x3000009d	csgovip1.15.exe
0x300000a0	INRSP_5_1	0x3000009f	WE11ington_Hack_4rm4g3d0n_V2.1
0x3000009e	Phantomcoding_Main_VIP	0x300000a2	FPSCheats_CAHook3Beta
0x300000a1	FPSCheats_CAHook3Beta	0x300000a3	GS.exe(GSVIPX1.80)
0x300000a4	hlc_V10.5	0x300000a5	csgo1.16
0x300000a6	sfbtw 2.5	0x300000ac	csgovip1.17
0x300000ad	Se4nH4x CA Multihack	0x300000a9	csgovip1.18
0x300000aa	Yubinengine	0x300000a7	FPSCheats_CAHook3Beta
0x300000a8	FPSCheats_CAHook3Beta	0x300000b2	csgo1.19
0x300000b3	sfbtw v2.6	0x300000b1	mouseEgg09S.exe
0x300000b6	csgo1.21	0x300000b5	csgo1.20
0x300000b7	sfbtw v2.8	0x300000b8	IceSword v1.22
0x300000b4	mouseEgg09T.exe	0x300000b9	csgo1.22
0x300000bb	FPSCheats_CAHook3Beta	0x300000ba	FPSCheats_CAHook3Beta
0x300000bc	mouseEgg09U.exe	0x300000bd	SoRa 1.6
0x300000be	sfbtw v3.1	0x300000bf	csgo0707
0x300000c0	07.07_inrsp_7_1.rar	0x300000c5	FPSCheats_CAHook3Beta
0x300000c4	FPSCheats_CAHook3Beta	0x300000c3	IJR.exe, cHz.dll
0x300000c2	BRTeam UCE	0x300000c1	08.07_inrsp_7_2_
0x30000276	CVG.exe, MagicFS.exe	0x30000260	WonderSpeed
0x3000027e	rpe	0x3000025f	改技能VG0.2
0x3000027b	hlc_v100211	0x3000025e	霸主 V2.28
0x3000027c ~0x3000027d	Cheat Engine 5.6 / sh Engine / VE Engine	0x3000025d	sfbtw Original 3.7
0x3000027f ~0x30000280	WonderSpeed 0.3.0	0x3000025c	WonderSpeed
0x30000275	mimike VIP v1.4	0x3000025b	Gordon CA 1.2.7 Fix
0x30000274	Srokingbot for SilkLoad	0x3000025a	RSK1004.exe
0x30000277	hlc_v100210	0x30000259	Catalyst
0x30000278	csgo v1.62	0x30000258	CA Eu Hack V.1.dll
0x30000279	SobiEngine /	0x30000257	WonderSpeed.dll(0.2.2_silent)

0x3000026f ~0x30000270	WonderSpeed 2.5	0x3000026d	mimike VIP v1.3
0x30000271	HighSpeed.exe	0x3000026c ~0x3000026d	Zylon Trainer
0x30000272	Line Engine	0x3000025b	Gordon CA 1.2.7 Fix
0x30000273	TaeYeon Engine	0x30000269 ~0x3000026a	Zylon
0x3000027a	WooRamEngine	0x30000266	GM_engine
0x3000026e	csgo v1.61	0x30000263 x30000265	~ mimike VIP v1.1/v1/2
0x30000262	WonderSpeed		
0x30000284	mimike VIP v3.9 / CSOL_v.1.03	0x30000248~ 0x30000249	AugmentedSkills VIP
0x30000283	JiYeon Engine	0x30000247	mimike VIP v3.5
0x30000282	BugerEngine	0x30000244~ 0x30000246	世通_助.exe
0x30000259	Catalyst	0x30000243	zenos_engine.exe
0x30000258	CA Eu Hack V.1	0x30000261	1月20更新.EXE
0x30000257	WonderSpeed.exe + WonderSpeed.dll	0x30000242	sfbtw Original 3.4(
0x3000032f~ 0x30000330	GSYSLoader.exe	0x30000241	vg.exe
0x3000024a	csgo v1.57	0x30000240	WonderSpeed.exe
0x3000023f	MPGH Justin CA Public Hack	0x3000023e	MPGH Jeevin CA Public Hack
0x3000023d	SimpleHacks	0x30000238	Gordon CA 1.2.7
0x3000023c	Gordon CHBSYS CA	0x30000231	MPGH Warpathsin666's Public
0x30000232	NT.exe	0x3000022f	mimike V2.1
0x3000023b	hlc-v16.1	0x30000230	HSbypass
0x3000023a	輔助(Accessories).exe	0x3000022e	CSOL-2.1
0x30000239	CSO秘密客.exe VIP v3.	0x3000022c ~0x3000022d	CSO秘密客.exe VIP v1.9
0x30000236	elSWG-v1.0.3	0x30000226	3GGF.exe
0x30000233	AugmentedSkills VIP Hack	0x30000225	光明戰神香港版v091208
0x30000234	RageKings VIP hack	0x30000224	bbo_engine 5.3
0x30000235	GameAnarchy	0x3000021e 0x30000222	~ CSO秘密客.exe VIP v1.6
0x3000022b	GYSEngine	0x30000223	光明戰神香港版v091206
0x3000021b 0x3000021c	~ Se4nH4x CA Multihack	0x3000021d	光明戰神香港版v091201
0x30000219	CC Neo.exe	0x30000215 0x30000216	~ 达人1123吸怪防炸版.exe
0x3000021a	才女多功能改技能1.3	0x30000217	DraFace.exe
0x30000214	CabalRider.exe	0x30000235	GameAnarchy
0x30000234	RageKings VIP hack	0x30000233	AugmentedSkills VIP
0x30000232	NT.exe	0x30000237	Se4nH4x CA MultiHack
0x30000238	Gordon CA 1.2.7	0x30000239	CSO秘密客.exe VIP v3.2
0x3000023a	輔助.exe	0x3000023b	hlc-v16.1
0x3000023c	\Gordon CHBSYS CA	0x3000023d	SimpleHacks

0x3000023e	MPGH Jeevin CA Public Hack	0x30000240	WonderSpeed.exe WonderSpeed.dll	+
0x30000241	vg.exe	0x30000242	sfbtw Original 3.4 (CSOL秒殺王.exe)	
0x30000255~ 0x30000256	Hacking tools for WarRock	0x30000243	zenos_engine.exe	
0x30000244~ 0x30000246	世通_助.exe	0x30000247	mimike VIP v3.5 (CSO秘密客.exe)	
0x30000248~ 0x30000249	AugmentedSkills VIP	0x3000024a	csgo v1.57(Cso Bingo 冰狗.exe)	
0x30000253~ 0x30000254	Hacking tools for WarRock	0x3000024d~ 0x30000252	Hacking tools for WarRock	
0x3000024b~ 0x3000024c	Hacking tools for WarRock	0x30000257	WonderSpeed.exe WonderSpeed.dll	+
0x30000258	CA Eu Hack V.1.dll	0x30000259	d3dx9_27.dll/RenameMe.dll	
0x3000025a	RSK1004.exe	0x3000025b	Gordon CA 1.2.7 Fix	
0x3000025d	CSOL秒殺王.exe	0x3000025e	霸主 V2.28	
0x3000025f	改技能VG0.2	0x30000260	WonderSpeed	
0x30000261	1月20更新.EXE	0x30000262	WonderSpeed	
0x30000263 ~ 0x30000265	mimike VIP v1.2 (CSO秘密客.exe)	0x30000267~ 0x30000268	csgo v1.60(Cso Bingo 冰狗.exe)	
0x3000026d	mimike VIP v1.3 (CSO秘密客.exe)	0x3000026e	csgo v1.61(Cso Bingo 冰狗.exe)	
0x30000269~ 0x3000026a	Zylon(update)	0x30000272~ 0x30000273	Line Engine / TaeYeon Engine	
0x30000271	HighSpeed.exe	0x3000026f~ 0x30000270	wonderSpeed 2.5	
0x30000279~ 0x3000027a	WooRamEngine	0x30000279	sobiEngine	
0x30000278	csgo v1.62	0x30000277	hlc_v100210(光明戰神.exe)	
0x30000274	Srokingbot for SilkLoad	0x30000275	mimike VIPv1.4(CSO秘密客.exe) CSOL_v.1.01(CSO秒殺王.exe)	
0x30000276	MagicFS.exe	0x300001a6	Cheat Engine 5.6 / sh Engine / VE Engine	
0x3000027b	hlc_v100211(光明戰神.exe)	0x3000027e	rpe	
0x3000027f~ 0x30000280	WonderSpeed 0.3.0	0x30000281	ForNewBie Engine	
0x30000284	mimike VIP(CSO秘密客) CSOL(CSO秒殺王.exe)	0x30000282	BugerEngine	
0x30000283	JiYeon Engine	0x30000285	hlc-v16.5	
0x30000286	shylockengine.exe	0x30000287	最新MG(Magic FS)	
0x30000288~ 0x3000028a	CSO秘密客.exe / CSO秒殺王.exe / Cso Bingo 冰狗.exe	0x3000028b	SeVen	
0x30000291~ 0x30000293	100301_Ver.X.exe	0x30000294	TJ Engine.exe	
0x30000295~ 0x30000296	Zylon Trainer	0x30000297~ 0x30000298		
0x3000029a	Nice Work + more	0x30000299	WonderGirls.exe	

0x3000021b 0x3000021c	~ CSOL_v1.08	0x3000029d~ 0x3000029f	csgo 1.65
0x300002a0	ShylockEngine	0x300002a1~ 0x300002a2	100305_Ver.8.exe 100305_Ver.7.exe
0x300002a3	dioteditor	0x300002a4~ 0x300002a8	CSOL_v1.08, csgo 1.66 mimike vip 4.7
0x300002a9	100310_Ver.5.rar	0x300002aa~ 0x300002ac	mimike vip 4.9
0x300002ad	Babyfish520 Editor	0x300002b5	100312_Ver.1.exe
0x300002ae	MPGH Matypatty Public Hack	0x300002af	Acid Burn Public Hack
0x300002b0	CAEUPub3310	0x300002b1	100305_Ver.6.exe(se.dll)
0x300002b2	100308_Ver.4.exe	0x300002b3	100312_Ver.2.exe(se.dll)
0x300002b4	jdyou	0x300002b7	齿轮NT.exe
0x300002b6	hlc_v100316(光明戰神.exe)	0x300002ba	100312_Ver.4.exe(By.dll)
0x300002bb	100311_Ver.5.exe(aphack_3d.dll)	0x300002b9	100311_Ver.6.exe(By.dll)
0x300002b8	100305_Ver.3.exe (CSBfx.dll)	0x300002b7	100305_Ver.1.exe(CSBfx.dll)
0x300002bd	100311_Ver.3.exe(666.dll)	0x300002be	kownage.dll
0x300002c1	GhainEngine.exe	0x300002bf	mimike vip 5.4
0x300002c0	CSOL_v1.14	0x300002c5	MPGH Breach team CA public hack
0x300002c6	FPSCheats	0x300002c7	Teflon.exe
0x300002c8	WonderCheat	0x300002c9~ 0x300002ca	GameAnarchy VIP(Only XP) GameAnarchy VIP(Only Vista)
0x300002ce	mimikevip5.8/CSOL_v1.20	0x300002cd	CCStarter.exe
0x300002cc	CC Neo.exe	0x300002e4	NCIS New Hack
0x300002e3	CSOL_v1.24 (CSO秒殺王.exe)	0x30000362	Script Pub v1.3 Hack
0x300002e7	KOSPUB	0x200001db	安心同步器
0x300002ef	100414_VER.2(66)	0x300002ee	100414_Ver.3(N2)
0x300002ed	100406_Ver.3(N2)	0x300002eb, 0x300002ec	100409_Ver.2(N2) 100409_Ver.3(N2)
0x300002ea	100406_Ver.5(비상핵)	0x300002e9	100409_Ver.1.rar (66 HACK)
0x300002e8	100406_Ver.1	0x300002f0	hlc_v18.0
0x300002f1	CSOL_v1.27 (CSO秒殺王.exe)	0x300002f2	CC Neo
0x300002f9	caeu1404.dll	0x300002f8	Digital-Prodigy RIOT 4.1.10 CA Public Hack
0x300002f6~ 0x300002f7	MPGH Blast Hack v1.4 MPGH Blast Hack v1.5	0x300002f3~ 0x300002f4	PerfHackPublic.rar 6092PUBLIC.rar
0x300002f5	Gordonsys MatyPatty CA Menu Hack / MPGH Loader	0x300002fc	hlc_v100419(光明戰神.exe)
0x300002fb	CSOL_v1.29 (CSO秒殺王.exe)	0x300002fa	mimike vip 6.9(CSO秘密客.exe)
0x30000303	100422_Ver.1 (66)	0x30000304	100419_Ver.3 (N2)
0x30000305	100419_Ver.2 (66)	0x30000302	100419_Ver.1
0x30000300~	ForbiddenCheatsPublic	0x300002ff	GK uEMI Bot v84

0x30000301	Forbiddenv2		
0x300002d1	100329_Ver.2.exe (简单观察 V0327)	0x300002cb	hlc_v100328
0x300002cf	楓之谷霸主 v2.35	0x300002d0	100329_Ver.1.exe (飛機.一.鍵.V1.5)
0x300002d4	100329_Ver.4.exe	0x300002d2~ 0x300002d3	Teflon.exe
0x300002d7	100331_Ver.7	0x300002d5	火炬
0x300002d91	hlc_v17.8	0x300002d6	100331_Ver.6.exe
0x300002de~ 0x300002df	Teflon	0x300002d8	GH Blast Hack v1.2
0x300002dd	MPGH Matypatty Public Hack	0x300002e0~ 0x300002e1	MPH CA Gordon Hack v1.2.5
0x300002db	Mlmike_Free_6.2	0x300002dc	MPGH Blast Hack v1.
0x300002d1	100329_Ver.2.exe (简单观察 V0327)	0x300002da	MPGH Vingadormaster
0x300002cf	楓之谷霸主 v2.35	0x30000030~ 0x30000032	CAHook3Beta(4/2) DxtHack
0x300002fd	MPGH Acid Burn Leeches Pub Hack	0x300002fe	DNF_Bot100420
0x3000030a	PokerEdge5	0x30000307	CSOL_v1.32(CSO秒殺王.exe)
0x30000308	Se4nH4x Blink God Mode Hack	0x30000309	ARHook_v0.zip
0x30000306	100426_Ver.2 (66)	0x3000030b	DnfHelper 3.63
0x3000030c	Teflon	0x30000310	Gordonsys Ghost Mode and Chams
0x3000030d	MPGH GrimiHack Death Public V1.1	0x3000030e	MPGH Bravia Hook 1.5 Beta
0x30000311	100507_Ver.1	0x30000312~ 0x30000313	Loader.exe GhostMode.exe
0x30000314	DnfHelper 3.65	0x30000315~ 0x30000316	MPGH Blast Hack v2.0 MPGH Zeas Public Hack
0x30000317~ 0x30000318	ChaosLauncherK.exe CCStarter.exe	0x3000031b	MPGH Bravia Hook v1.8
0x30000319	hlc_v18.8	0x3000031c	GameAnarchy.exe
0x3000031d	100511_Ver.10	0x30000321~ 0x30000322	Gordonsys CA Hotkey v1,3
0x3000031f	MPGH Kickthehacker CA Public Hack v1.0	0x30000320	MPGH Longevity Public Hack v1.11 Beta
0x30000327	hlc_v19.2	0x3000031e	MPGH BishHack v1.0
0x30000325	MPGH Longevity CA NA Public Hack v1.12 Final	0x30000326	MPGH Blast Hack Final Version
0x3000032b	MPGH Jeevin Hack v2	0x30000324	mimike_vip_7.4
0x3000031f	MPGH Kickthehacker CA Public Hack v1.0	0x3000032d	DnfHelper.exe 3.7
0x30000327	hlc_v19.2	0x30000321~ 0x30000322	Gordonsys CA Hotkey v1,3
0x30000325	MPGH Longevity CA NA Public Hack v1.12 Final	0x30000320	MPGH Longevity Public Hack v1.11 Beta
0x3000032b	MPGH Jeevin Hack v2	0x3000031e	MPGH BishHack v1.0

0x3000031f	MPGH Kickthehacker CA Public Hack v1.0	0x30000326	MPGH Blast Hack Final Version
0x30000327	hlc_v19.2	0x30000324	mimike_vip_7.4
0x30000325	MPGH Longevity CA NA Public Hack v1.12 Final	0x3000032d	DnfHelper.exe 3.7
0x3000032b	MPGH Jeevin Hack v2	0x30000321~ 0x30000322	Gordonsys CA Hotkey v1,3
0x3000032c	MPGH ZeaS_Fix Public	0x3000032a	XueTr
0x30000328~ 0x30000329	GordonSys CA Hotkeys for NA/US 1.3.1	0x30000333	MPGH Siam331 Small Public Hack
0x30000332	MPGH Fire God v1.1 Menu Hack	0x30000331	hack.dll
0x3000032e	Loader.exe	0x30000334~ 0x30000335	yx7.0 SpaceRangerOnline5.0
0x30000337	Se4nH4x Combat Arms Multi Hack	0x30000336	gearNT0.46
0x3000033a	GSYSLoader.exe	0x30000339	SteamEngine
0x30000338	S_Stealth_ModbyRCD	0x30000341	DnfHelper 3.71
0x3000033f~ 0x30000340	CA Hotkeys v1.3.3 Mini Public for NA	0x3000033e	GordonsysMarkoj159Menuhack with Ghostmode
0x3000033b	Frantic 1.3.dll	0x3000033c	Frantic 1.4.dll
0x3000033d	FireGod EU V1.0.dll	0x30000349	100531_Ver.7
0x30000348	100531_Ver.5	0x30000346	Flames Hacks v1.0
0x30000345	CSOL_v1.42	0x30000344	mimike_vip_8.1
0x30000343	WoW.By.NoisNaNet.Create.By. Mattys.dll	0x3000034a	hlc_v19.4
0x3000034c	GameAnarchy	0x3000034f	Pain Hook.dll
0x3000034d	Gordonsys Bravia Hook v2.1 Menu Hack	0x3000034b	NT修正版100528
0x3000034e	Sunonline-speedhack	0x30000355	h4ckw4rz combat arms.exe
0x30000354	Digital-ProdigyPub 6.10.10.exe	0x30000353	GH_PUB_V2
0x30000352	Fire God v1.5	0x30000350	DeathToB.dll
0x30000356	Flame's Numpad Hack	0x30000357	Forbiddencheats FC v4.0
0x3000035e	Ghost 2.66	0x3000035d	Bloody Hack v1.2
0x3000035c	Bravia's CA Public Hack v2.3	0x3000035b	Simple Chams v1
0x3000035a	CA NA Public Hack by Loingevity	0x30000363	Crash's Menu Hack v1.1 FIX
0x30000364	GodLike's Hack v1.1.2	0x30000369	hlc_v19.6
0x3000036a	Fire God Team v1.6 Menu Hack	0x3000036b	Crash's Menu Hack v1.2
0x3000036c	Jazza Menu Hack v1.0	0x3000036d	Fire God Team v1.6 Hotkey Hack
0x3000036e	ForbiddenCheats FC[EUR]4.0 with no recoil	0x3000036f	Kotentopf's Hack V1.0
0x30000370~ 0x30000371	InfiniTe's CA Hotkeys v1.1 InfiniTe's CA Hotkeys v1.0	0x30000372	CombatArms Multi Hack June 19 Update(Se4nh4x)
0x30000376	COMB.EXE(KartRider.dll)	0x30000373	Hack Info:Shy.rar
0x30000374~ 0x30000375	SmileEngine ForNewBieEngine	0x30000379	mimike_Vip_9.4
0x30000377	FishEngine	0x30000378	Ghost2.71

0x3000037a	Urabn D3D Hook	0x30000384	script_engine
0x3000037e	Forbiddencheats FC4.0 update 6/21/2010	0x3000037d	Crash's Menu v1.3 (FIXED)
0x3000037c	!CN Public Hook 6-22-10	0x3000037b	Crash's Menu Hack v1.3.5
0x3000037f	Engine.exe	0x30000380	hack.dll
0x30000381	hack.dll	0x30000382	hack.dll
0x30000383	工作室加速最新版本 (Hook32.dll)	0x30000385	DnfHelper 3.9
0x30000386	Coryster2100's PUB Hack v1.5 [Menu]	0x30000387	acid_buRn's Menu Hack v1.0
0x30000388	mimike_Vip_9.7	0x30000389	spq engine
0x3000038a	spin engine	0x3000038b	hlc_v19.9
0x30000391	CSO [加速透视]v0.3	0x30000390	Cristyboy's CAEU Hack v1.4
0x3000038f	RARRAR	0x3000038c	fiNNalHax.dll
0x3000038d	mimike_Vip_10.1	0x3000038e	VFmirkolockz
0x30000393	Dnfhelper4.0	0x30000392	Snoopy+Engine+5.7.1+Version+0.1.exe
0x30000395	AntiLegit Public Hook	0x30000394	Sealionone's Small Public Hack
0x3000039b	SplitFireV5.0.dll	0x3000039a	TwEaKs_Pub.dll
0x30000399	ngh555Hook.dll	0x30000398	GameSpot v1.0.dll
0x30000397	F.U.N. v1.1 desktop version.dll	0x30000396	C-Hook v1.5.dll
0x3000039c	Urabn D3D(Update)	0x3000039e	coryster2100's PUB v1.8.dll
0x3000039f	GameTrainerMaker's CA PUB.dll	0x3000039d	幻想加速.exe
0x300003a0	baram_engine v0.3	0x300003a5	acid_buRn's Public.dll
0x300003a4	NxChams.dll	0x300003a3	Sigmahero Hotkey 1.2.dll
0x300003a2	coryster2100's PUB v2.0.dll	0x300003a1	Dx9HackbyRCD_upd_1.0b.dll
0x300003a6	drop.exe	0x300003a6	mimike_Vip_10.6
0x300003a8	hlc_v20.2	0x300003a9	100719_Ver.2.exe
0x300003b0	mimike_Vip_10.7	0x300003aa	CNAB Chams.dll
0x300003ab	CNJ Public.dll	0x300003ac	Fire God v1.9 NA[Menu].dll
0x300003ad	Jeevins PUB.dll	0x300003ae	MiniPub.dll
0x300003af	W4 Menu hook.dll	0x300003bc	xxxpubhack.dll
0x300003b4	Whatisit.dll	0x300003b4	WakaFlockaFlame Original.dll
0x300003bb	Small Hack Pack.dll	0x300003ba	Rem's Key.dll
0x300003b4	Hahahaha Hacks.dll	0x300003b4	GTM.dll
0x300003b9	Crash's Menu Hack v2.dll	0x300003b8	coryster2100's PUB v2.3 Fixed.dll, ForbiddenCheats PUB v2.1.0.dll
0x300003b7	CodeDemonsHotkeyPubV0.3.dll	0x300003b6	acid_buRn's Menu v1.2.dll
0x300003b5	_HaHaz_.dll	0x300003b4	BloodSkinCA.dll
0x300003b1	GameKiller[CA EU].dll	0x300003b2	Novia v1.0.dll
0x300003b3	WaSHaX v1.dll	0x300003be	Anti-Legit.Co.Cc.dll
0x300003bd	Zombie's Public Codedminds.org.dll	0x300003bf	SpeedDLL.dll
0x300003c0	mimike_Vip_10.9	0x300003c4	sksengine1.0
0x300003c3	acro1.0	0x300003c1	SpeedDLL.dll
0x300003c2	XueTr.sys	0x300003c9	Mimike VIP V11.0

0x300003c5	InfiniTe's CA Hotkeys v1.4.dll	0x300003c6	BOSCHACK CA EU v1.0.dll
0x300003c7	Crash's Menu Hack v2.dll	0x300003c8	David's Hack.dll
0x300003c5	Domination Hack v1.0.dll	0x300003ca	FC PUB v4.1.0.dll
0x300003cb	GameKiller[CA NA].dll	0x300003cd	HeavenCondition
0x300003cc	CodeDemonsHotkeyPubV0.1.dll	0x300003d7	GameTrainerMaker v1.6(GameTrainerMaker.dll)
0x300003d9	W4 Na Pub(W4 Pub.dll)	0x300003d7	GodHack2 Public Hack V1.0 [MENU](GodHack2 Public Hack V1.0.dll)
0x300003d8	Scorpoistak Pub 1.5(Scorpositak 1.5.dll)	0x300003d6	CodeDemon's Hotkey Pub v0.4 NA(CodeDemonsHotkeyPubV0.4.dll)
0x300003d3	coryster2100's PUB v2.5 [GhostMode](coryster2100's PUB v2.5.dll)	0x300003d4	ProElite Pub. Hacks 1.0(Elite.dll)
0x300003d1	Basic Hax v1.0 CA(_Hahaz_.dll)	0x300003d5	Braco22 - Controllable Semi Ghost-Mode! (5 Speeds + Assist)(BracoGhost.dll)
0x300003d2	Braco22 Menu Hack(Braco22.dll)	0x300003cf	LoveBobm.sys
0x300003ce	SuperFs0728-Vip	0x300003de	hlc_v20.4
0x300003d0	CombatArms Multi Hack July 24 Update(Se4nh4x)	0x300003db	Gavisann's Basic Menu v1.0(Gavisann's Menu v1.0.dll)
0x300003da	Braco22 No Menu Hack(BracoNoMenu.dll)	0x300003dd	Small simple pub(xxxhook.dll)
0x300003dc	J-Deezy's simple hotkey hack(RegularVersion.dll)	0x300003e0	Drake™'s Private Release.dll
0x300003df	VIP hack	0x300003e1	FTS.R3DBULL.Release.2.2 VIP
0x300003e2	SpeedDll(1.07)	0x300003e3	VIP(Vista, Windows7)
0x300003e4	Coryster2100's Pub v2.6	0x300003e8	SidTwistHotKeyHack
0x300003e5	Crash's+Menu+Hack+v2.1.dll	0x300003e6	PUBLIC.dll
0x300003e7	Scorpoistaks Pub Hack v1.6	0x300003ea	FTS Loader V5, WR_NoName_D3D(Vista, Windows7)
0x300003e9	FTS Loader V5, WR_NoName_D3D(XP)	0x300003eb	Provides(Injector.exe/Svchost.dll)
0x300003ec	FrancYescO D3D WarRock VIP (17.4)	0x300003f1	Dx9HackbyRCD.dll
0x300003f0	Aveda'sHotkeyHackv1.dll	0x300003ed	GameKiller v1.1.dll
0x300003ee	™YrambozhaENGINE	0x300003ef	FrancYescO D3D VIP (17.8)
0x300003f2	SpeedDLL	0x300003f3	ProcessHacker.exe
0x300003fe	Mimike VIP V11.5	0x300003fd	FTS Loader V6
0x300003f8	Mimike VIP V11.4	0x300003f9	CodedMinds Public Hack V.1(CodedMinds.dll)
0x300003fc	ScimmyHack.dll	0x300003fb	hoppHack v1.1.dll
0x300003fa	HaxPro.dll	0x300003f4	Gordonsys Koten Simple Telekill-OPK
0x300003f5	MPGH Acid_Burn Acid Public Menu Hax v1.0	0x300003f7	:NoName_D3D(Vista, Win7)

0x300003f6	NoName_D3D(XP)	0x300003ff	coryster2100's PUB v2.7.dll
0x30000400	LightzOut Menu Pub v1.4.dll	0x30000402	Random.dll, Confict's CA EU Hotkey Hack.dll
0x30000401	lykeNOLimit_v0.3_by_dadum01.dll	0x30000403	hlc_v20.7
0x30000404	GodHack2 PUB.dll	0x30000405	Braco22 No Menu Hack.dll
0x30000406	Braco22Pub.dll	0x30000407	Hahaz.dll
0x30000408	Scorpoistaks Menu Pub 2.0.dll	0x3000040a	Hotkeys.dll
0x30000409	CNSHack8610.dll	0x3000040b	Karzil-CA.dll
0x3000040d	Monsieurpo_v_1.0.dll	0x3000040c	lykeNOLimit_v0.4_by_dadum01.dll
0x3000040e	脸蛋卡水器[玉龙雪版Z.1.0].exe	0x3000040f	Mimike VIP 11.6
0x30000410	FTS_Loader_V8	0x30000412	Hahaz_16.08.2010.dll
0x30000411	eu menu hack.dll	0x30000413	j3imz Hack 0.1.dll
0x30000415	Mimike VIP 11.7	0x30000414	speeddll 2.07
0x30000416	FrancYescO D3D WarRock VIP (18.3) 17_08_2010	0x30000419	WR_VIP_D3D_Hook_18_08_2010(vista)
0x30000418	WR_VIP_D3D_Hook_18_08_2010(xp)	0x30000417	NoName_D3D(08.19)
0x3000041a	Mimike VIP 11.8	0x1000047b	Proxifier 2.8
0x3000041b	0820.rar	0x3000041d	Mimike VIP 11.9
0x3000041c	0820B.rar	0x30000420	BracoMenuv1.3.dll
0x30000421	CombatArms Menu.dll	0x30000422	coryster2100's PUB v3.5.dll
0x30000423	-ExileD- Pub v1.1.dll	0x30000424	Kot_Pub_2.0.dll
0x30000425	Scorpoistak's Menu 2.6.dll	0x30000426	speed's hack.dll
0x3000041f	NoName_D3D_24.8	0x3000041e	FTS_Loader_V8(08.23)
0x3000042a	TogaR.Engine(Sei_R.dll)	0x30000429	WithOutEnd Simple HotKey V1.1.dll
0x30000428	o-o's Big Hack.dll	0x30000427	Mpgh Pub.dll
0x3000042d	Mimike VIP 12.3	0x3000042c	wjbsbs13.exe(login.exe)
0x3000042b	jimat mayor(GeSp.exe 24082010.dll)	0x3000042f	BNBRoyal(WorkDll.dll)
0x30000430	Launcher.exe(inject.dll)	0x3000042e	吴键1.3版
0x30000435	BNB Royal(0828c)	0x30000432	TomySUSPENDER.exe / PerX.exe (27082010-buggy.dll)
0x30000431	TomySUSPENDER.exe / PerX.exe (27082010-buggy.dll)	0x30000434	injex.exe(suntix.dll)
0x30000433	injex.exe(suntix.dll)	0x30000437	BasicHax_29.08.2010.dll/Hahaz_28.08.2010.dll
0x3000043a	Reimy's Hack V.4.0.dll	0x30000439	flameswor10's Hotkey Hack(Cookies.dll)
0x30000438	Dark Secret Hack 1.1.dll	0x30000436	LoveBobm.sys
0x30000440	Dervin Public v2.0.dll	0x30000441	Public Hack [fixed].dll/Pure Awesomeness.dll
0x30000442	WithOutEnD Shop Hack V2.0.dll	0x3000043f	comb.exe(KartRider.dll)
0x3000043e	comb.exe(KartRider.dll)	0x3000043d	Mimike VIP 12.4
0x3000043c	injex.exe(suntix.dll)	0x3000043b	injex.exe(suntix.dll)
0x30000445	吴键1.8版	0x30000444	NoName_D3D(09.02)
0x30000443	FTS_Loader_V9	0x30000447	C00IGuy PUB v1.0.dll
0x30000448	Hahaz_01.09.2010.dll	0x30000449	lykeNOLimit_v0.6_by_dadum01.dll

0x30000446	EliteCheaters.dll	0x3000044a	PackAssist.exe(PackAssist.dll)
0x3000044b	731.exe(sos.dll)	0x30000450	suntix.exe(suntix.dll)
0x30000451	suntix.exe(suntix.dll)	0x3000044f	SpeedDll.dll(2.09)
0x3000044e	rPE.dll	0x3000044d	hrdnodc.dll
0x3000044c	DWK.dll	0x3000045e	lykeNOlimit_v0.6a_by_dadum01.dll/ Express Hack V0.1 BY Lakha.dll
0x3000045d	:-ExileD-+Pub+v2.1.dll	0x3000045c	Dervin public 2.1.dll/My.Hacker.Iso v1.0.dll
0x3000045f	Combat Arms Eu Public Release.dll	0x30000459	See.dll
0x3000045a	vovoturbo1.dll	0x30000455	JerradW's Pub.dll
0x30000456	MrSkafighter.dll	0x30000457	Redrosred CA Public 1.1.dll
0x30000458	Scorpoistak's Menu Pub 2.7.dll	0x3000045b	yomo710hack4.dll
0x30000453	Hahaz_EU_03.09.2010.dll	0x30000452	BadBlood_v1.0_Combat_Arms_Hac k.dll/CHotkey.dll
0x30000454	FC4.3(EUROPE)(9.2.2010).dll	0x30000465	H-S.zip
0x30000460	Mimike VIP 12.7	0x30000461	Minor Engine v1.1
0x30000462	Newbie Engine	0x30000464	Launcher.exe(Inject.dll)
0x30000463	BNBRoyal(WorkDll.dll)	0x3000046f	Kart_EXE.exe(KartMain_DLL.dll_Ka rtLoader_DLL.dll)
0x3000046e	Launcher.exe(Inject.dll)	0x3000046d	BNBRoyal(WorkDll.dll)
0x3000046c	BNBRoyal(WorkDll.dll)	0x3000046b	Zenix.dll
0x3000046a	_hrc_NODC v1.2.exe(79.dat)	0x30000469	injex.exe(suntix.dll)
0x30000468	100908_Ver.1	0x30000467	变速器2.10
0x30000466	FrancYescO D3D WarRock VIP_19.1_02_09_2010.zip	0x3000047a	Launcher.exe(Inject.dll)
0x30000478	BNBRoyal(WorkDll.dll)	0x30000479	BNBRoyal(WorkDll.dll)
0x30000477	HLC_v21.0	0x30000476	Mimike VIP 13.1
0x30000475	FrancYescO D3D WarRock VIP_(19.3)_09_09_2010	0x30000473	Anksel ItalianHack
0x30000474	InfectedSysChaos	0x3000046f	Public
0x30000470	Public	0x30000471	Public
0x30000486	HighSpeedGF.exe	0x30000482	L33T_WC_Menu_v1.3.dll
0x30000484	Solify Public Hack.dll	0x30000480	AmaZiing Menu Hack V1.0.dll
0x30000481	Hahaz_06.09.2010.dll	0x30000483	Menu.dll
0x30000485	Ultahacker Pub V1.0 Hot- Key.dll	0x3000047f	NoName_D3D(09.14)
0x3000047e	Launcher.exe(Inject.dll)	0x3000047b	pasimbung.dll
0x3000047c	zenix.dll	0x3000047d	suntix.dll
0x3000048e	BNBRoyal(WorkDll.dll)	0x30000490	Minor Engine v2.0
0x30000498	ragekings.dll	0x30000499	TrinityEntertainmentPublic.dll(Game TrainerMaker Public Hook v2.9)
0x300004a9	Launcher.exe(Inject.dll)	0x300004ab	BnbRoyal.exe(WorkDll.dll)
0x300004aa	BnbRoyal.exe(WorkDll.dll)	0x300004ac	Kart_EXE.exe(DLL.dll)
0x300004ad	Kart_EXE.exe(DLL.dll)	0x300004a8	Gingerbread.exe
0x300004a7	Flameswor10's Menu Hack.dll	0x300004a6	pasimbung.exe
0x300004a4	HLC_v21.2	0x300004a5	HLC_v21.2
0x300004a3	Launcher.exe(Inject.dll)	0x300004a1	BNBRoyal.exe(WorkDll.dll)
0x300004a2	BNBRoyal.exe(WorkDll.dll)	0x300004a0	Launcher.exe(inject.dll)

0x3000049e	Kart_EXE.exe(DLL.dll)	0x3000049f	Kart_EXE.exe(DLL.dll)
0x300004ae	HighSpeedGF.exe	0x300004b0	CNGOKART(KartRider.dll)
0x300004b5	Ac1d HaX v1.2.dll	0x300004b6	ghost mode.dll
0x300004b7	AmaZiinG Pub V 1.1.dll	0x300004b4	SmileEngine4
0x300004b3	僵尸刷分(ckblna.dll)	0x300004b2	Violet.exe(system.crc)
0x300004b1	FTS_Loader_V13	0x300004af	Mimike VIP 13.7
0x300004bc	BNBRoyal.exe(WorkDLL.dll)	0x300004bb	BNBRoyal.exe(WorkDLL.dll)
0x300004ba	CSOL_v2.01	0x300004B9	EasyMetin2_DE
0x300004b8	NoName_D3D(09.28)	0x300004bd	Kart_EXE.exe(DLL.dll)
0x300004c4	[aj@N3] padaelo31.dll	0x300004c3	Mimike VIP 14.1
0x300004c0	Rustys Menu.dll	0x300004c2	-SyntheticK+-Revised.dll
0x300004c1	MPGH Public Hack by Solify.dll	0x300004bf	TiTEngine
0x300004be	King7_D3D_24_08_2010	0x300004CA	EasyMetin2_DE_0.1.16.1759
0x300004c9	wdbnb_234	0x300004C8	GodKart_0929_0021
0x300004c6	Justiniscool5 v2.5.dll	0x300004c7	MPGH Public.dll
0x300004c5	8r2Coogle.dll	0x300004da	Public Hack.dll
0x300004d9	Pr0j3ct 14 - F_ck Nexon Edition.dll	0x300004d8	MPGH Solify - Free VIP.dll
0x300004d7	Jman's Chams.dll	0x300004d6	Hotkey Hack 2.10.2010.dll
0x300004d5	CSOL_v2.06	0x300004d1	-ExileD- Public v2.5.dll
0x300004d2	-SyntheticK_hotkey.dll	0x300004d4	Vinay V 1.2 Hotkey.dll
0x300004d3	Tacoh's Hack 3.0.dll	0x300004d0	[MPGH] Haxo v2.dll
0x300004cf	ALT+TAB.exe(Maho.dll)	0x300004ce	ToyG.dll
0x300004cd	Mimike VIP 14.3	0x300004CC	BNBRoyal_0930A
0x300004cb	NoName_D3D(10.01)	0x300004dc	Hen Kook Engine
0x300004e4	NOOB 10.4.10.dll/NOOB 10.3.10.dll/MPGH Pikamew4 Pub (auto on) v1.0.dll	0x300004e2	C00lGuy PUB v2.3.dll
0x300004e2	Conflict's Menu Hack.dll	0x300004e3	Conflict's Menu Hack.dll
0x300004E1	WDBBW_236	0x300004e0	hack4dotcom.exe
0x300004df	Inject.dll	0x300004de	Kotentopf for GordonSYS 1.1.dll
0x300004dd	GSYS.Hotkeys.1.3.4p1.dll	0x300004DB	BNBRoyal_1002
0x300004e9	Sn0www.dll	0x300004e7	micro.dll
0x300004e8	micro.dll	0x300004e6	Mimike VIP 14.5
0x300004d5	GodKart(Kart-2010-1005-0043.rar)	0x300004F4	아마추어 엔진 1.0
0x300004f1	L33T_Menu_v1.6.dll	0x300004f2	L33T_Menu_v1.6.dll
0x300004f3	L33T_Menu_v1.6.dll	0x300004f0	FMFEngine
0x300004ee	ArtificialAiming	0x300004ef	ArtificialAiming
0x300004ed	UGodly CA NA Pub Hack (Auto On).dll	0x300004ec	The_NEW_V13_LOADER_.zip
0x300004eb	NoName_D3D11.zip	0x300004ea	JoeEnders.dll
0x300004f5	GodKart(Kart-2010-1006-2026.rar)	0x300004f8	WarCock Public Release.rar
0x300004f9	WwW.ToxicSyS.NeT.rar	0x300004f7	WR_VIP_D3D__04_10_2010.zip
0x300004f6	Se4nH4x Industries CombatArms MultiHack	0x300004fc	HaX4LiFe! Menu hack.dll
0x300004fb	NoName_D3D.zip(10.08)	0x300004fa	freedompeace

			Sunrise.exe(1114834199.dll)
0x300004fd	mimike_Vip_14.7	0x300004fe	GodKart(Kart-2010-1010-1006.rar)
0x300004ff	BNBRoyal(BNB-2010-1009.rar)	0x30000500	NoName_D3D.zip(10.12)
0x30000501	The_NEW_V13_LOADER_.zip	0x30000503	Solify.dll
0x30000502	HaX4LiFe! Menu Hack 10.11.10.dll	0x30000504	Xfire.dll
0x30000505	King7 D3D	0x30000506	mimike_Vip_14.9
0x30000507	CSOL_v2.11	0x30000508	GOD KART(v.3.3) Kart-2010-1012-0959.rar
0x30000509	HLC_v21.4	0x3000050a	Pangkat GM .dll
0x3000050b	CNGOKART2	0x3000050d	Crash's Menu Hack v2.5.dll
0x3000050e	UGodly Hack.dll	0x3000050c	BBW_1.05
0x3000050f	N3.exe(Atos.dll)	0x30000510	Px_windowmode.exe
0x30000511	mimike_Vip_15.0	0x30000512	CubitusTheNinjas v2.dll,Ryukiee.dll,Adi.dll,data.crc
0x30000513	Misi major.dll	0x30000514	thedoctor1.dll
0x30000515	Thedoctor2.dll	0x30000516	pasimbung.exe(115400.tmp)
0x30000517	BNBRoyal_1012	0x30000518	BNBRoyal_1016
0x30000519	data.crc / ShaRinGaN3.dll	0x3000051a	Injector.exe(mpgh.dll)
0x3000051b	mimike_Vip_15.1	0x3000051c	TFMaple2.exe(mapletool.sys)
0x3000051d	SiroSix hack.rar	0x3000051e	GOD KART(v.3.4) Kart-2010-1016-0118.rar
0x3000051f	hack4dotcom.exe(10.19)	0x30000520	BNBRoyal_1018
0x30000521	mimike_Vip_15.2 & CSOL_v2.14	0x30000522	GOD KART(v.3.5) Kart-2010-1018-0852.rar
0x30000524	[MPGH] Haxo v2.1.0.dll	0x30000523	Noob Hack 10.17.10.dll
0x30000525	KDDL.dll	0x30000526	King7_D3D_Zombie_MODE__WR_VIP.COM__18_10_2010.zip
0x30000527	NoName_D3D.zip	0x30000528	New HaX4LiFe! Menu 1.5.dll
0x30000529	BNBRoyal_1019	0x3000052a	Willi27_'s D3D Eninge v8.rar
0x3000052b	CNGOKART10[1].15版.rar	0x3000052c	Injector.exe(CaBase.dll)
0x3000052d	KingJohn.dll	0x3000052e	KingJohn.dll
0x3000052f	New-蝙蝠侠	0x30000530	mimike_Vip_15.3 & CSOL_v2.15
0x30000531	GOD KART(v.3.6) Kart-2010-1020-1031.rar	0x30000532	mimike_Vip_15.4
0x30000533	BNBRoyal_1020	0x30000534	GodKart V.3.7
0x30000535	Adi1.dll	0x30000536	Adi3.dll
0x30000537	NewKhay_1.1.dll, masmed.dll	0x30000538	NewKhay_1.1.dll, masmed.dll
0x30000539	Nyit3MasmedNew.dll	0x3000053a	syndrome.dll
0x3000053b	Unity_Area_V6.exe(Rank.bin)	0x3000053c	“疯癫系统提速软件” 2.13
0x3000053d	MetHack32Bit_DLL	0x3000053e	mimike_Vip_15.5
0x3000053f	BNBRoyal_1024_1056	0x30000540	BNBRoyal_1024_1056
0x30000541	GodKart V.3.8(Kart-2010-1025-0935.rar)	0x30000542	CAEU.dll
0x30000543	KDHack.exe(KDDL.dll)	0x30000544	Metin2 D3D Public Hack v2.5
0x30000545	Metin2 D3D Public Hack v2.5	0x30000546	CSOL_v2.18
0x30000547	DWK_20101026	0x30000548	Beowolf.dll
0x30000549	FrancYescO D3D WarRock	0x3000054a	RecoilReloaded.dll

[ErrorCode: 0x40000001] Autoplay hack program detected

Symptoms

1. An error message (Error Code: 0x40000001) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x40000001) occurs, and the game is terminated.

Cause

- Neo_Audition autoplay USB hardware device has been detected by the HackShield memory heuristic engine.

Solution

1. Remove the Neo_Audition autoplay USB and restart the game.
 - A. As this hacking tool uses USB, user can recognize it.
2. If the user did not use the Neo_Audition autoplay USB, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x40000002] Autoplay hack program detected

Symptoms

1. An error message (Error Code: 0x40000002) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x40000002) occurs, and the game is terminated.

Cause

- Online Samgukji autoplay USB hardware device has been detected by the HackShield memory heuristic engine.

Solution

1. Remove the Online Samgukji autoplay USB and restart the game.
 - A. As this hacking tool uses USB, user can recognize it.

-
2. If the user did not use the Online Samgukji autoplay USB, collect the system information and send it to AhnLab.
 3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x40000003] Autoplay hack program detected

Symptoms

1. An error message (Error Code: 0x40000003) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x40000003) occurs, and the game is terminated.

Cause

- IRobot ¹ autoplay USB hardware device has been detected by the HackShield memory heuristic engine.

Solution

1. Remove the IRobot autoplay USB and restart the game.
 - A. As this hacking tool uses USB, user can recognize it.
2. If the user did not use the IRobot autoplay USB, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x40000004 - 0x40000005] Autoplay hack program detected

Symptoms

1. An error message (Error Code: 0x40000004 to 0x40000005) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x40000004 to 0x40000005) occurs, and the game is terminated.

Cause

- Neo_Audition autoplay USB hardware device has been detected by the HackShield memory heuristic engine.

Solution

1. Remove the Neo_Audition autoplay USB and restart the game.
 - A. As this hacking tool uses USB, user can recognize it.
2. If the user did not use the Neo_Audition autoplay USB, collect the system information and send it to AhnLab.

¹ IRobot: Name of company that produces hardware USB automouse.

-
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x40000006] Autoplay hack program detected

Symptoms

1. An error message (Error Code: 0x40000006) occurs, and the game is terminated.
2. An error message (Unknown Error: 0x40000006) occurs, and the game is terminated.

Cause

- Autostick² autoplay USB hardware device has been detected by the HackShield memory heuristic engine.

Solution

1. Remove the Autostick autoplay USB and restart the game.
 - A. As this hacking tool uses USB, user can recognize it.
2. If the user did not use the Autostick autoplay USB, collect the system information and send it to AhnLab.
3. For details on collecting system information, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

3.9. Solutions for HackShield Update Errors

[ErrorCode: 0x30000010 ~ 20, 0x3000001b] Configuration file error

Symptoms

1. When HackShield update is started, an error message (Error Code: 0x30000010 or 0x30000020) occurs, and the game is terminated.

Cause

- The configuration file (HShield.env) that is required for HackShield update may not be available.
- The permissions settings for the configuration file may not be valid.
- The configuration file may be damaged due to unknown reasons.

Solution

1. Check whether the HShield.env file is in the HShield folder or the HackShield folder.
 - A. If the file does not exist in the folder, reinstall the game.
2. Right-click on the HShield.env file and check the properties.

² Autostick: Name of company that produces hardware USB automouse.

-
- A. Check whether the Archive is selected under Attributes.
 - B. If Read-only is selected, select Archive.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x30000030] Network connection error

Symptoms

1. When HackShield update is started or running, an error message (Error Code: 0x30000030) occurs, and the game is terminated.

Cause

- There could be a problem in the connection with the server caused by problem in the network.
- The connection with the server could be blocked by a firewall.
- Executable file download might fail due to wrong Internet Information Services (IIS) configuration.

Solution

1. Check whether a firewall program is installed, and check the firewall settings.
 - A. Modify the firewall settings to allow HackShield update.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].
2. If the issue is not cause by the firewall program, check the IIS (Internet Information Services) settings.
 - If the web server permissions in IIS is set to “Scripts and Executables”, the executable (exe or dll) will run on the server, so it cannot be downloaded. In this case, change the IIS settings as below:
 - 1) Go to Control Panel > Administrative Tools > IIS (Internet Information Services)
 - 2) Right-click on website > Properties
 - 3) Open to Home Directory tab
 - 4) Set permissions to None

[ErrorCode: 0x30000090] Timeout error

Symptoms

1. While HackShield update is running, an error message (Error Code: 0x30000090) occurs, and the game is terminated.

Cause

- There could be a problem in the connection with the server caused by problem in the network.
- The download time could have exceeded the specified time due to temporary overload in the server.
- The download time could have exceeded the specified time due to network problems.
- The download time could have exceeded the specified time due to internal error during update.
- The error could have occurred due to the Internet options settings.

Solution

1. It could be a temporary error, restart the game.
2. Check the Internet Options settings.
 - A. Open an Internet browser and go to **Tools > Internet Options > Connections and LAN Settings**.
 - B. If **Automatically detect settings** is selected, deselect it.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x30001b] Update module compatabilty error

Symptoms

1. When HackShield update is started or running, an error message (Error Code: 0x30001b) occurs, and the game is terminated.

Cause

- This error only occurs during game development.
- It occurs when the Hsupdate library, hsupdate.exe module and hsupdate.env file versions are not compatible.

Solution

Before distributing the game, the game developer must rebuild the game with the library in the build, and then check the HackShield update module.

[ErrorCode: 0x30001c] Update module compatabilty error

Symptoms

2. When HackShield update is started or running, an error message (Error Code: 0x30001c) occurs, and the game is terminated.

Cause

- Hsupdate.exe file and hsupdate.env file versions are not compatible.

Solution

3. Check the file version in the following path.

- Game folder\hshield\hsupdate.exe

If the hsupdate.exe version is not version 2.1.1.0, please make an inquiry to the game developer.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, please refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

[ErrorCode: 0x3000ff] Update file does not exist

Symptoms

1. When HackShield update is started or running, an error message (Error Code: 0x3000ff) occurs, and the game is terminated.

Cause

- It occurs if Hsupdate.exe file does not exist.

Solution

1. Reinstall the game and download the HackShield update module (HSupdate.exe) file that does not exist in the game folder.

If the error persists after following the above procedure, perform the step below:

- Get information on the system in which the error occurred and send the log file to AhnLab. For details, please refer to [4. Error Information Collection Method > Collecting and analyzing error information using AhnReport > Collecting HackShield log].

4. Error Information Collection Method

4.1. Collecting and analyzing error information using AhnReport

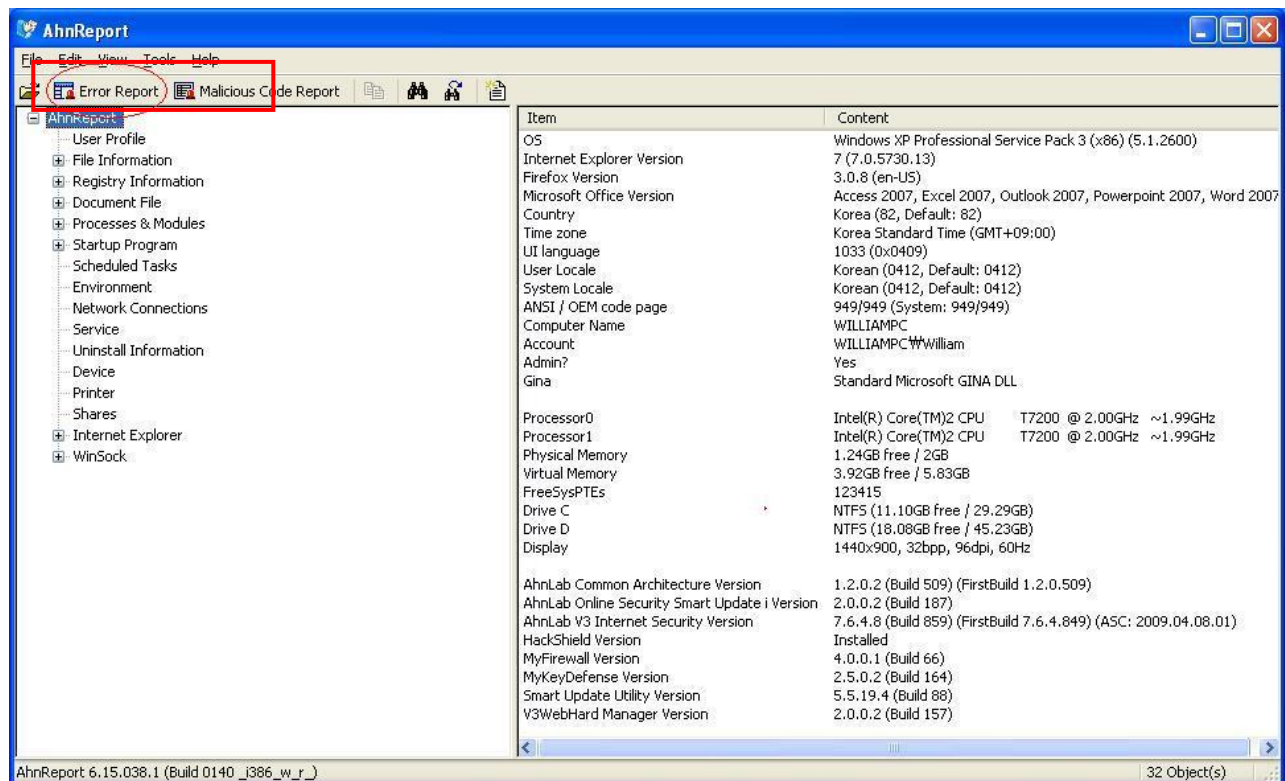
Collecting error information using AhnReport

If an error occurs while using HackShield 2.0, collect the information on the error as follows, and send it to AhnLab.

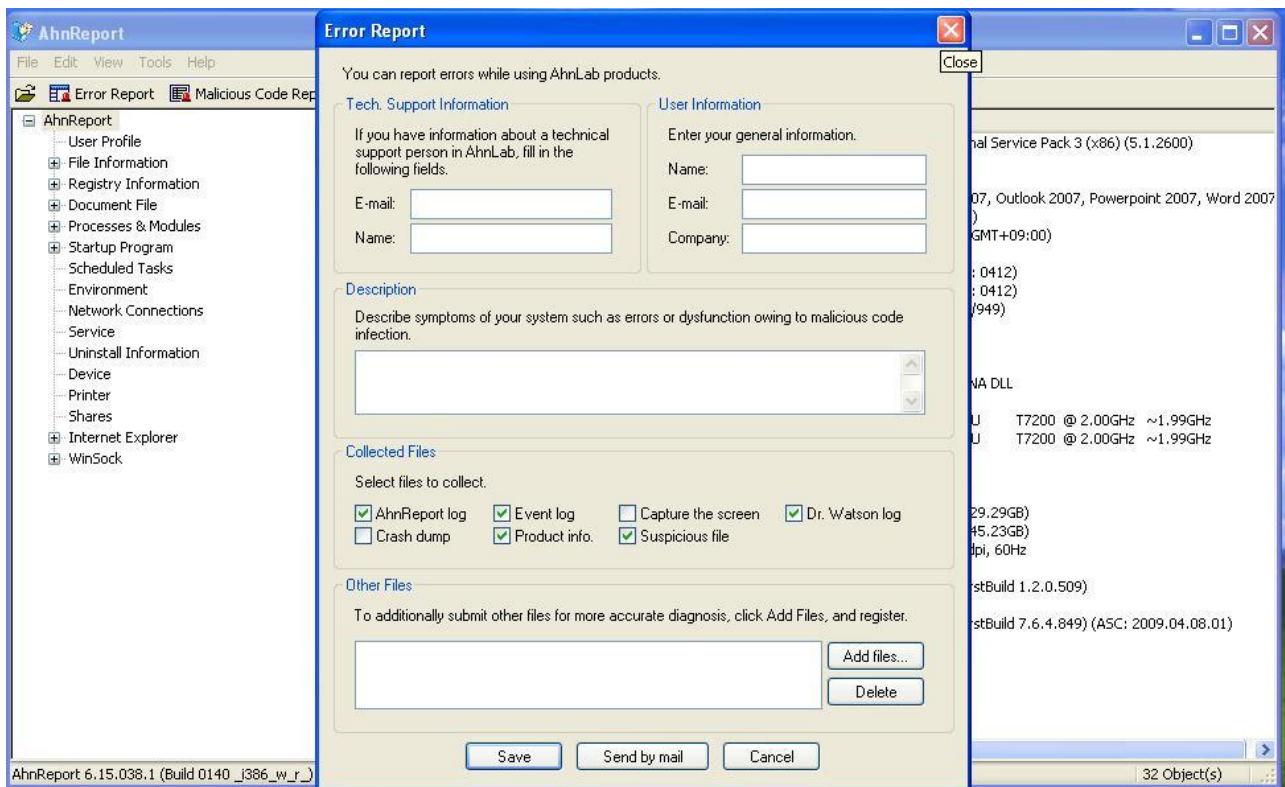
1. Run the AhnReport program.



2. The AhnLab Report window is as follows.



3. To save the collected information as a file, click the **Save** button, and if you want to send the file right away to AhnLab, click the **Send** button.
4. If you click **Save** or **Send**, the following window will appear.

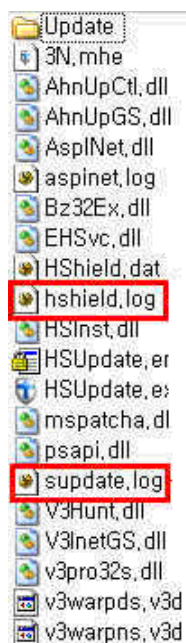


5. In the **Tech. Support Information** fields, enter the e-mail address of the recipient, and in the **User Information** fields, enter your name and e-mail address, and enter the details of the error under the **Detailed Information** field.
6. If Blue Screen of Death(BSOD) occurs, select the Crash dump check box.

4.2. Collecting HackShield log

Collecting HackShield log

\HShield or \HackShield file structure



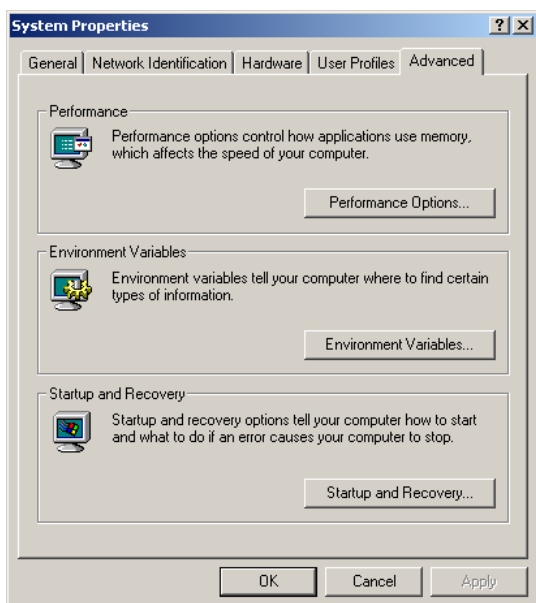
1. Send the two files in the above image located in the HackShield or HShield folder in the game folder.

4.3. Collecting memory dump file

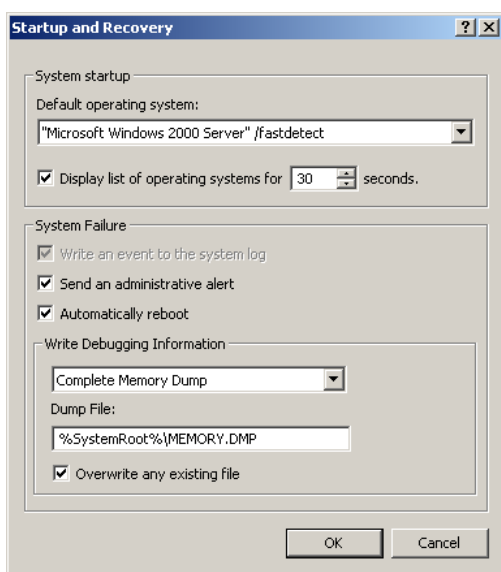
Collecting memory dump file

If BSOD occurs while running HackShield 2.0, create a memory dump file as follows and send it to AhnLab.

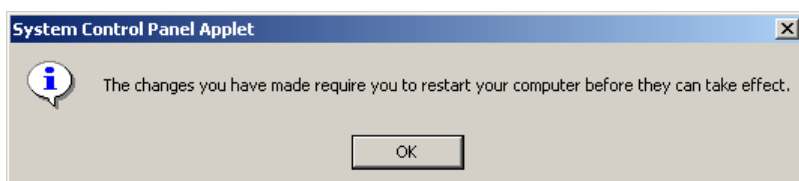
1. Right-click on **My Computer** and click **Properties**. When the System Properties window appears, click the **Advanced** tab.



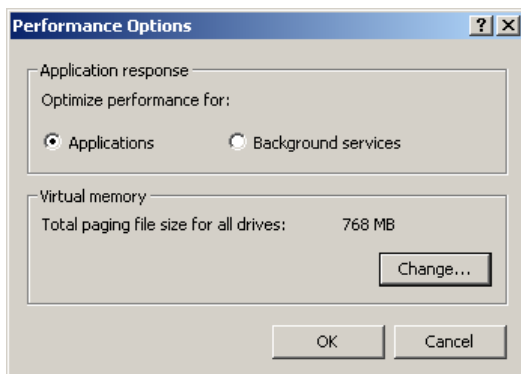
2. Click **Settings** under **Startup and Recovery**. The Startup and Recovery window will appear.



3. Select **Complete Memory Dump** under **Write Debugging Information**, and then specify the path of the folder in which to create the memory file. The default folder is %SystemRoot%. To save the last memory dump only without leaving the existing memory dump, select the **Overwrite any existing file** checkbox.
4. Click **OK** to save the settings. When the following dialog box appears, click **OK** to restart the system.



-
5. When BSOD occurs, a dump file will be created in C:\winnt\MEMORY.DMP. (In Windows XP, c:\windows\MEMORY.DMP)
 6. If a dump file is not created, follow the steps below:
 - If the disk capacity where you installed the operating system is smaller than the memory size: Free disk space.
 - The paging file size is smaller than the RAM size: : Go to **My Computer > Properties > Advanced** tab, select **Performance Options**, and increase the paging file size.



4.4. Collecting User Mode Process Dump

Collecting user mode process memory dump

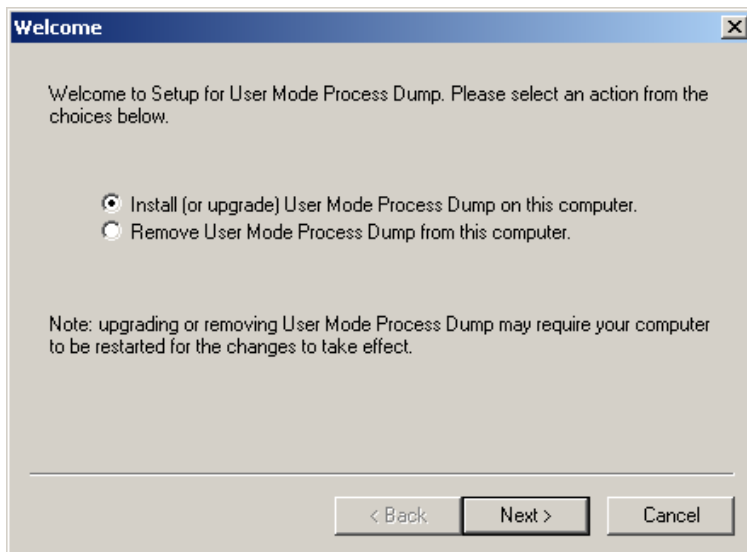
If a process error occurs while using HackShield 2.0, collect the User Mode Process Dump as follows, and send it to AhnLab.

1. Save the userdump2k.zip to your local drive.

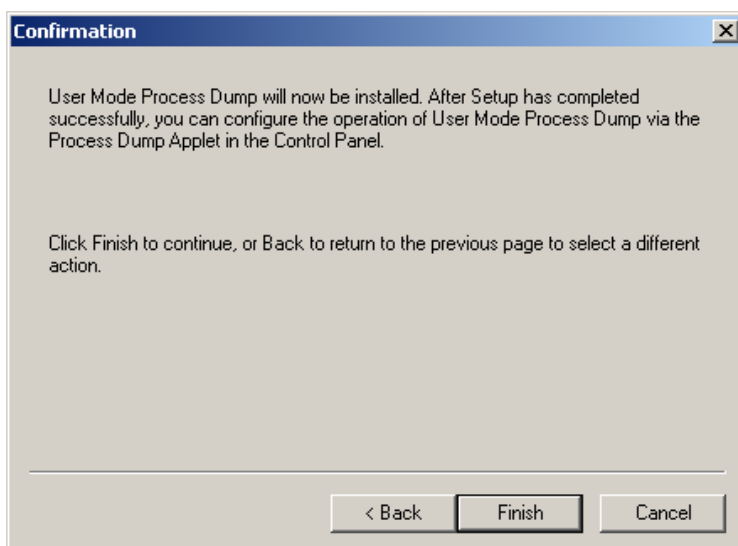


userdump2k.zip

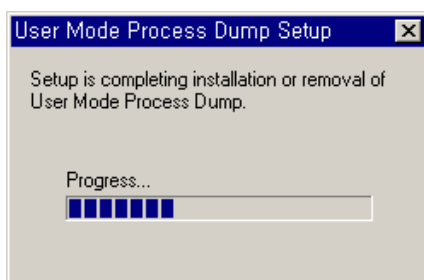
2. Decompress the userdump2k.zip and run Setup.exe to start installation. The following dialog box will appear.



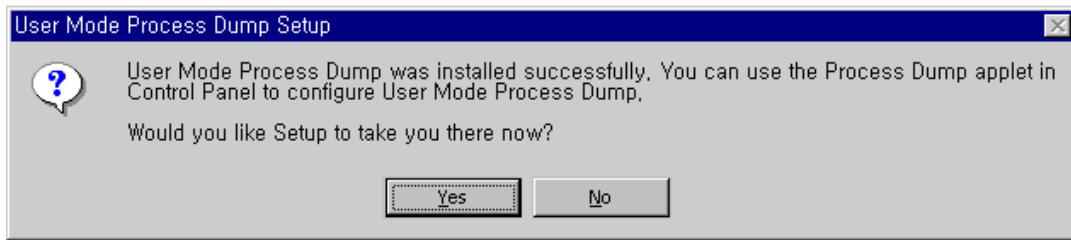
3. Select **Install (or upgrade) User Mode Process Dump on this computer** and click **Next**. The confirmation dialog box will appear.



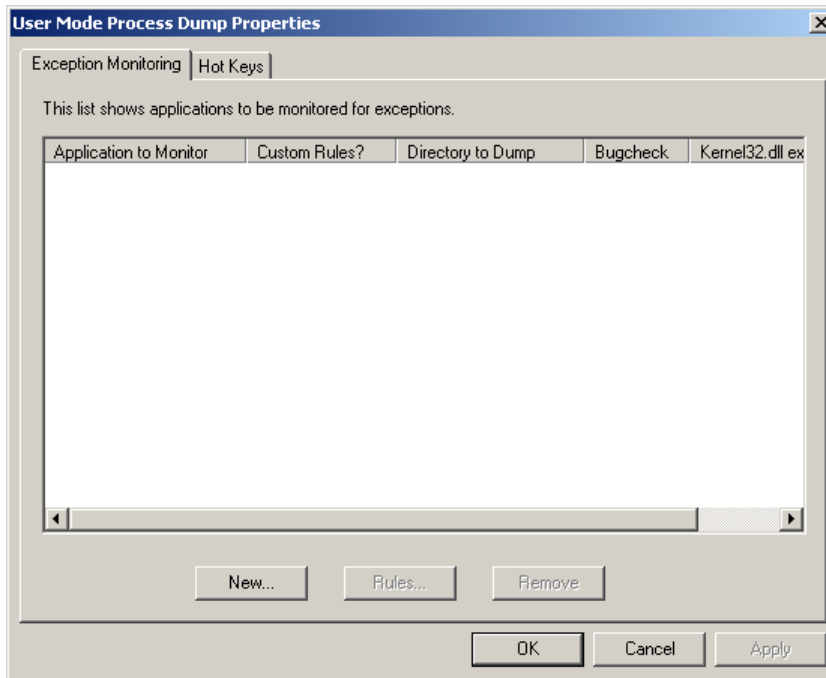
4. Click **Finish** to install User Mode Process Dump.



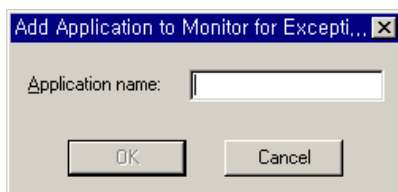
5. When the User Mode Process Dump is installed, the following dialog box will appear.



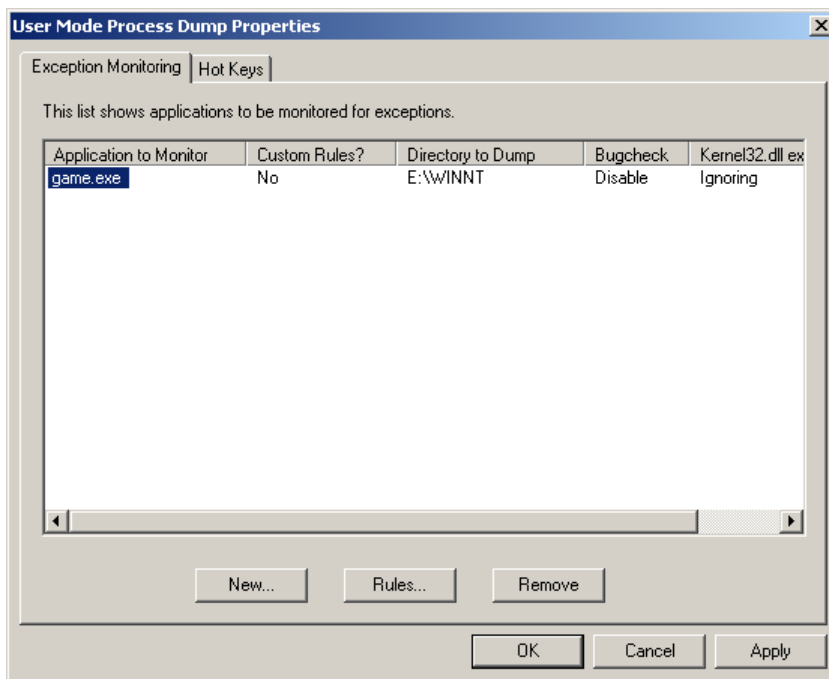
6. Click **OK**. The User Mode Process Dump Properties window will appear.



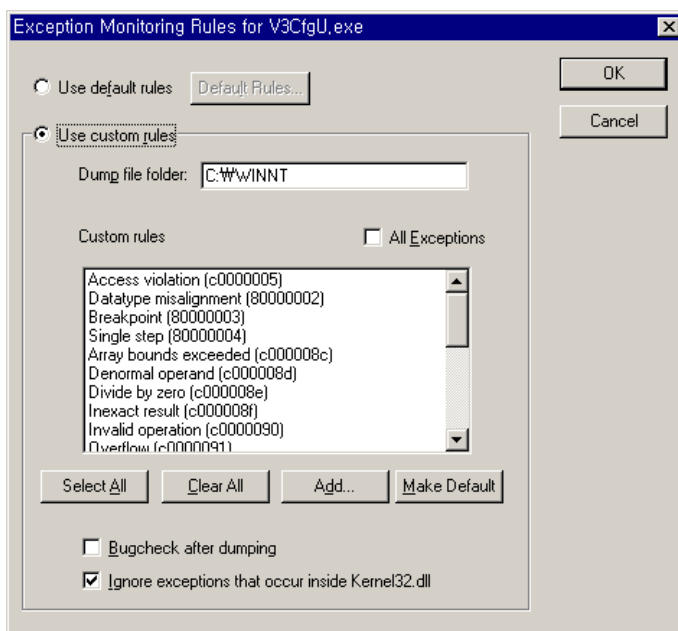
7. Click **New**. The following window will appear.



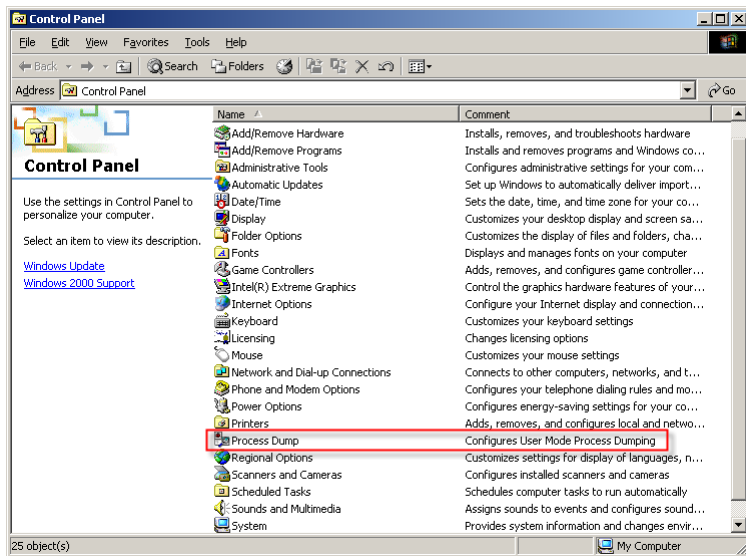
8. Enter the name of the executable file of the game (e.g.: Game.exe) as the process name to collect User Mode Process Dump, and click **OK**.



9. If the game process gets abnormally terminated, the User Mode Process Dump file will be automatically saved in the folder specified as Directory to Dump. To change the Directory to Dump folder, click **Rules**.



10. Select **Use custom rules** and enter the path to specify as Directory to Dump folder in the **Dump file folder** field.
11. If the User Mode Process Dump is installed successfully, Process Dump category will be added to the Control Panel.

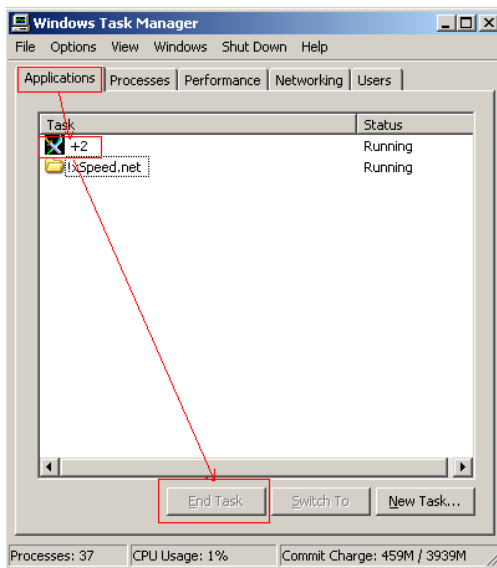


5. Terminating and Removing Program

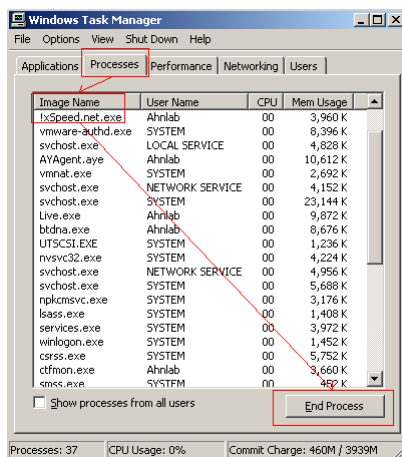
5.1. Terminating Program

Terminating program with Task Manager

1. Press **Ctrl + Alt + Delete** on the keyboard to open the **Task Manager**. When the Task Manager window appears, you can check the programs that are currently running in the **Applications** tab. Select the program you want to end, and click **End Task**.



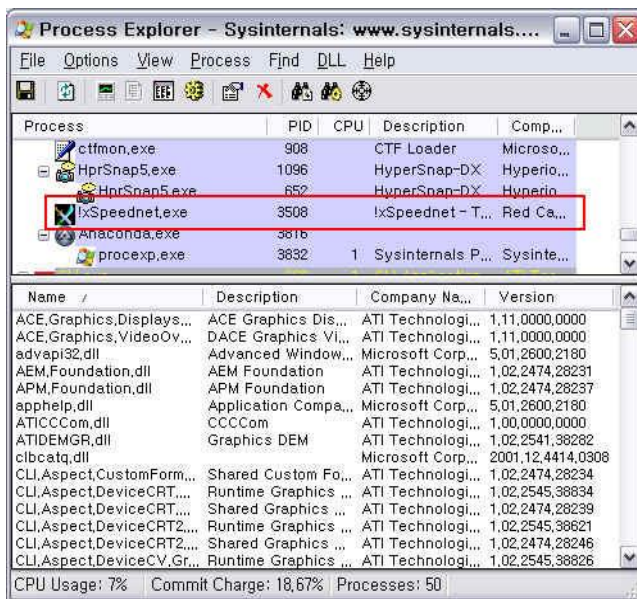
2. If you cannot find the program you want to end in the **Applications** tab, go to the **Processes** tab and select the process you want to end and click **End Process**.



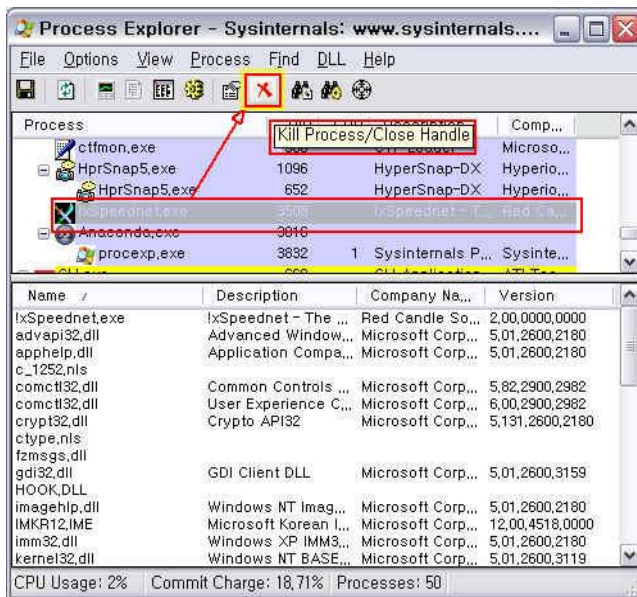
Terminating program with Process Explorer

1. Go to <http://www.systeminternals.com> and download Process Explorer.

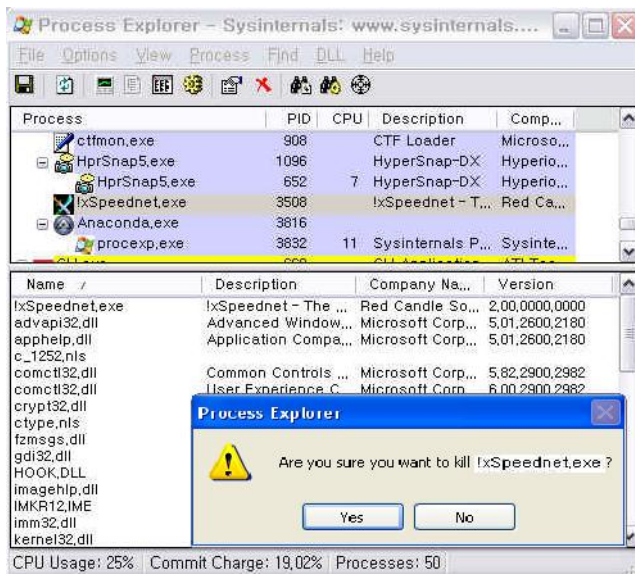
2. If you run Process Explorer, a list of all programs currently running on your computer appears.



3. Select the program you want to end, and click the Kill Process icon



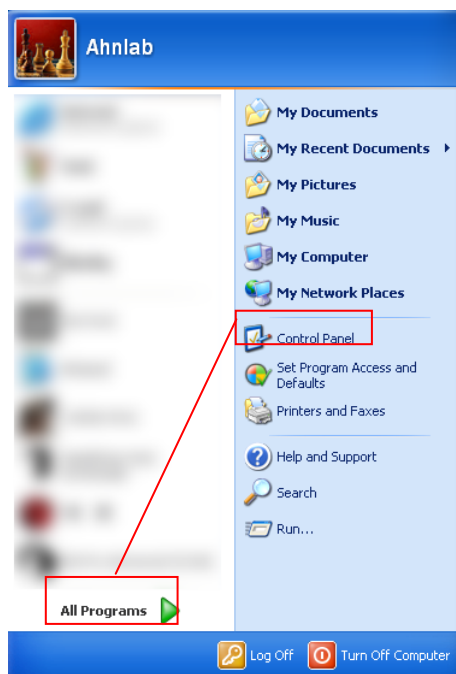
- Click **Yes** to end the process.



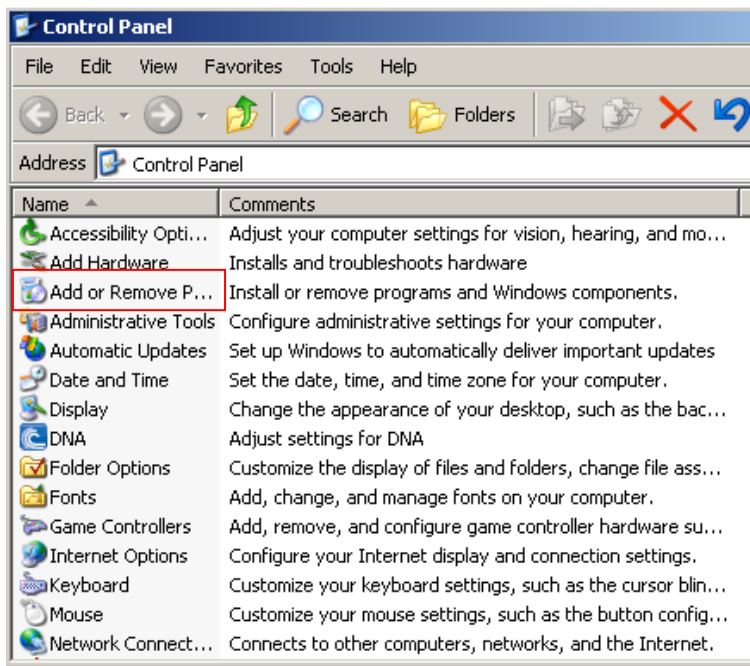
5.2. Removing Program

Removing program in Control Panel

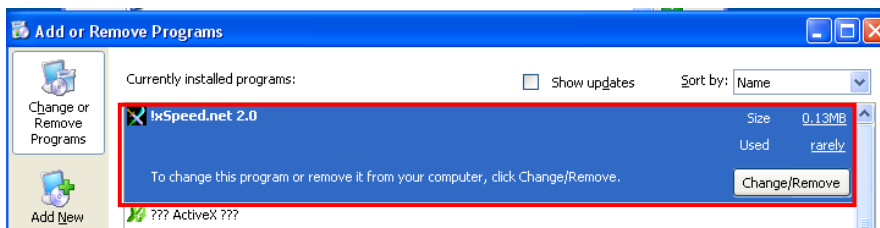
- Click Start and then Control Panel.



2. In Control Panel, click **Add/Remove Programs**.



3. The currently installed programs will appear.



- Click the **Change/Remove** button. A message asking whether you want to remove the program will appear. Click **Yes**.

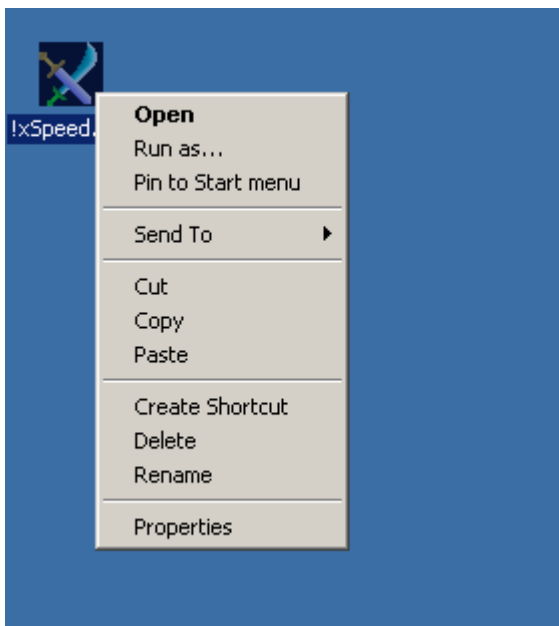


- If you click Yes, the program will get uninstalled.

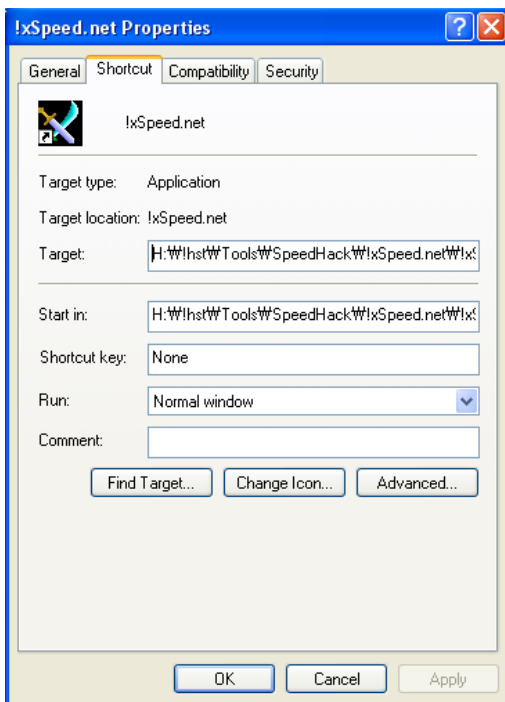


Removing program with Uninstall

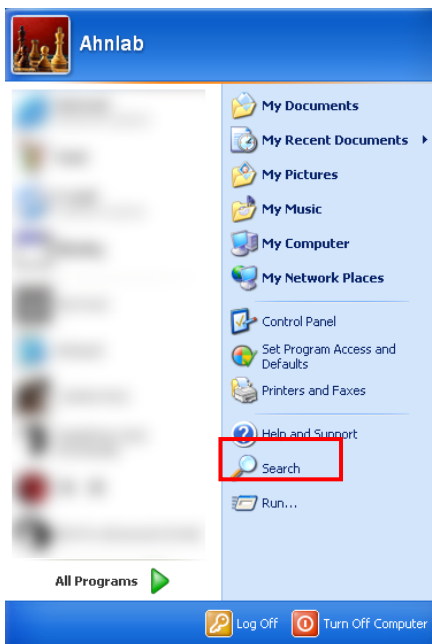
- If an icon is created on the desktop, right-click on the icon and click **Properties**.



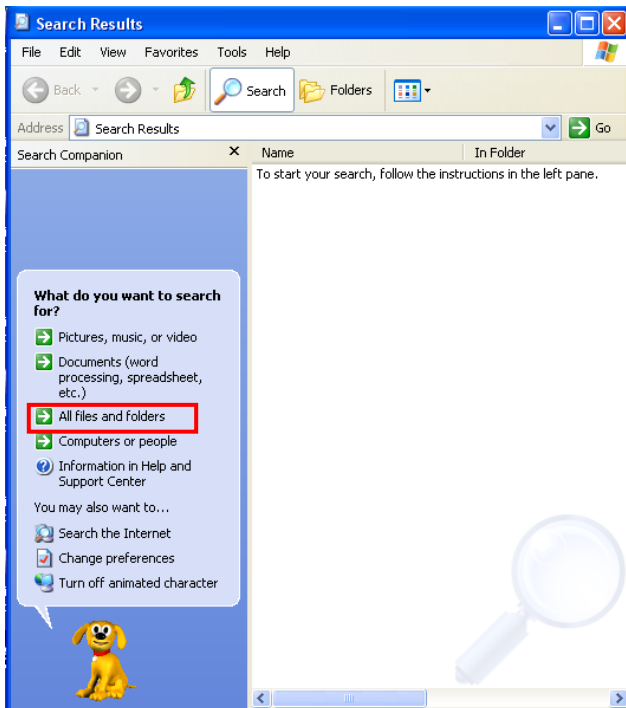
2. On **Shortcut** tab and click the **Find Target** button. The installation folder will open.



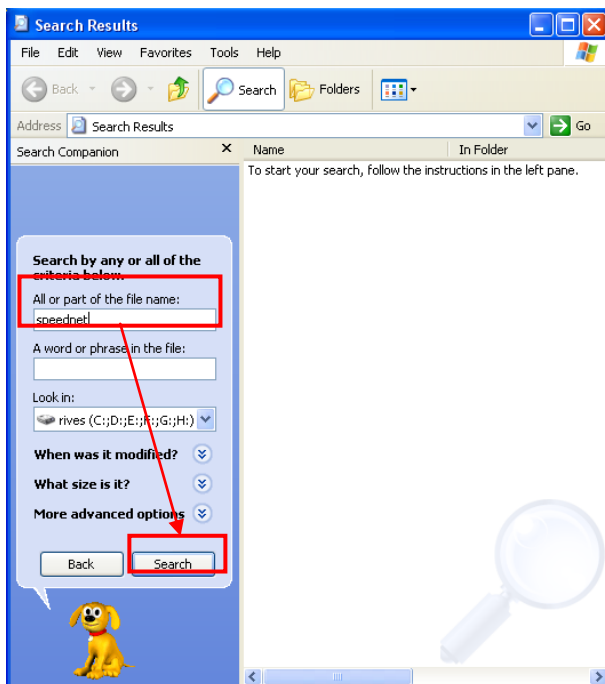
3. If an icon has not been created on the desktop, click the **Start** menu and then **Search**.



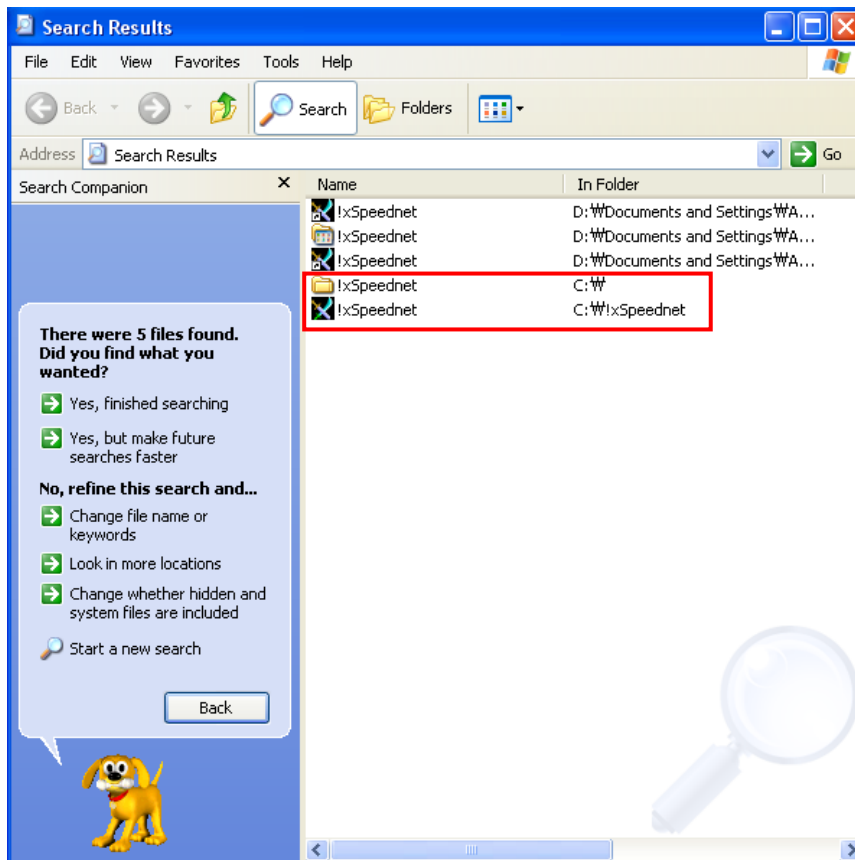
4. Select **All files and folders** as follows.



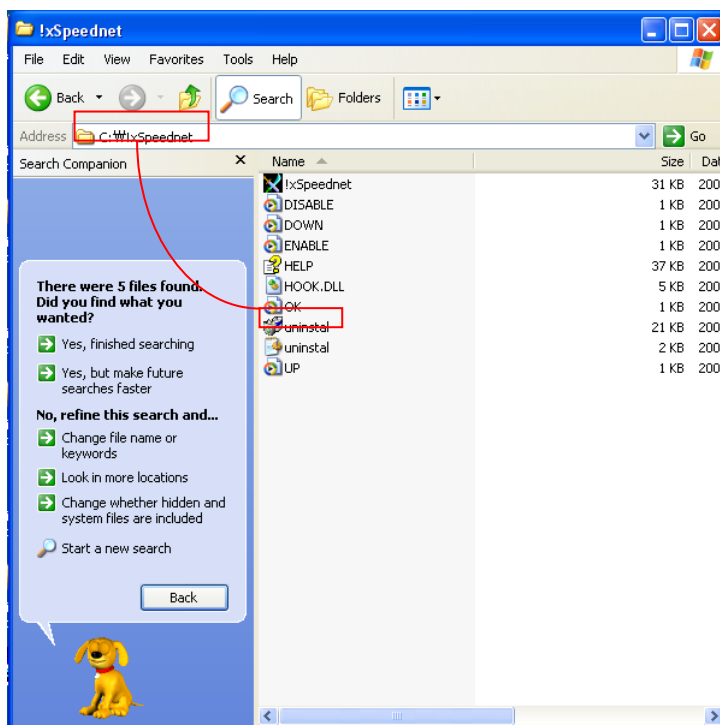
5. Enter all or part of the filename to delete and click **Search**.



6. When the following search result appears, select the installation folder. If there is no installation folder, check the location of the file and find the folder.



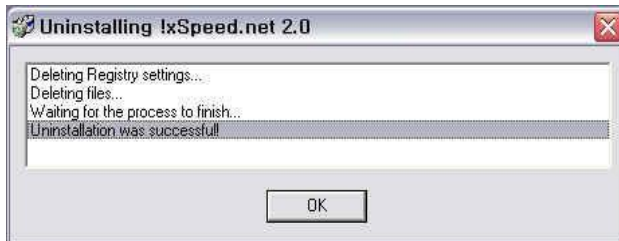
7. If you enter the folder with one of the above methods, you will find the uninstall.exe file as follows.



8. Double click the Uninstall.exe file. A message asking whether you want to uninstall the program will appear as follows.

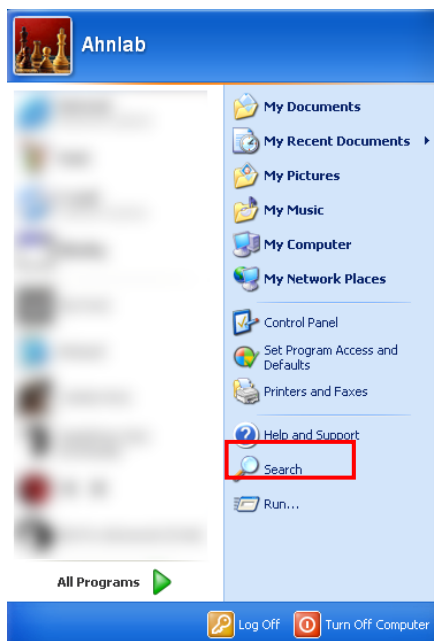


9. Click **Yes**. If you click Yes, the program will get uninstalled.

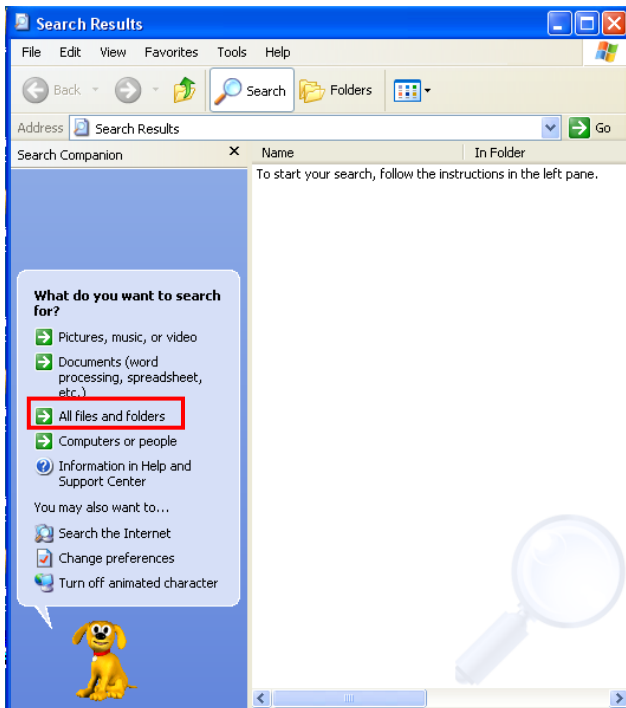


Removing program with Delete Files

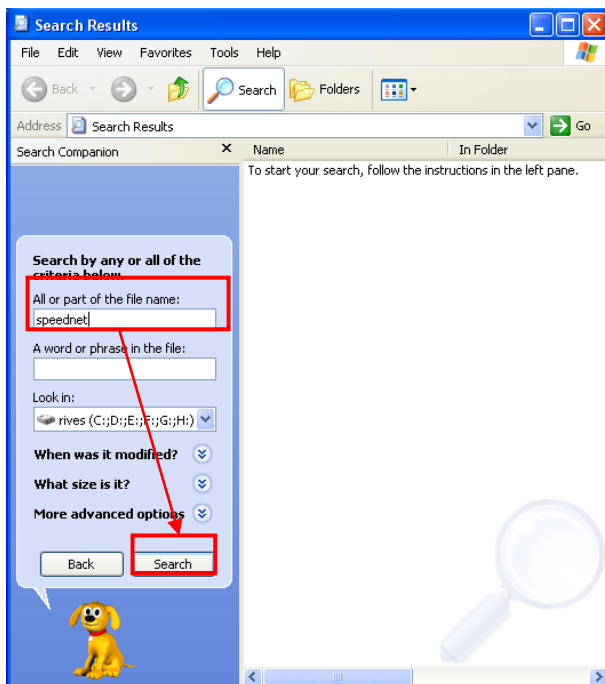
1. You can remove a program by deleting the program file(s), if the program is a single executable file, which does not require installation or uninstallation, or the uninstaller is not available.
2. Click the **Start** menu and then **Search**.



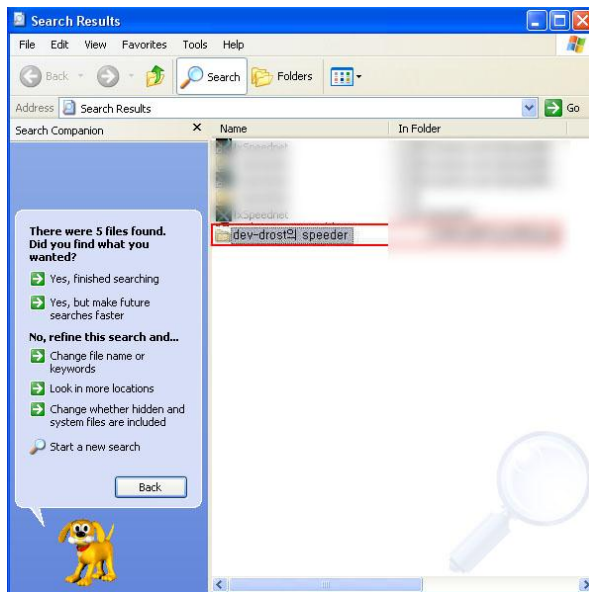
3. Select **All files and folders** as follows.



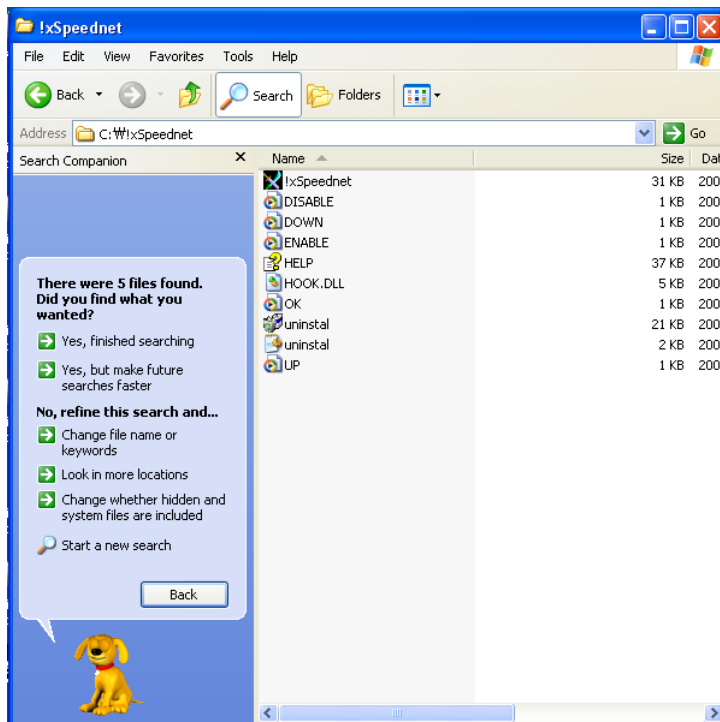
4. Enter all or part of the filename to delete and click **Search**.



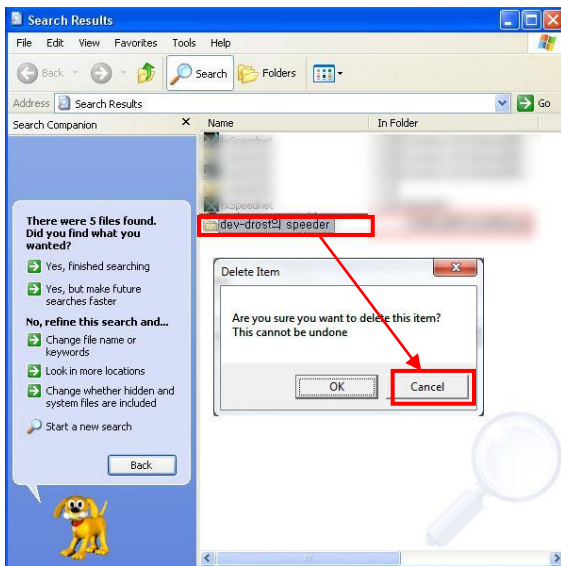
5. The search result will appear as follows.



6. Check whether there is an uninstaller in the folder. There is no uninstaller in the example below.



7. Select the file and folder and press the Delete key. A message asking whether you want to delete them will appear. (Or right-click on the file or folder and select **Delete**.)



8. Select **Yes** to remove the program.

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