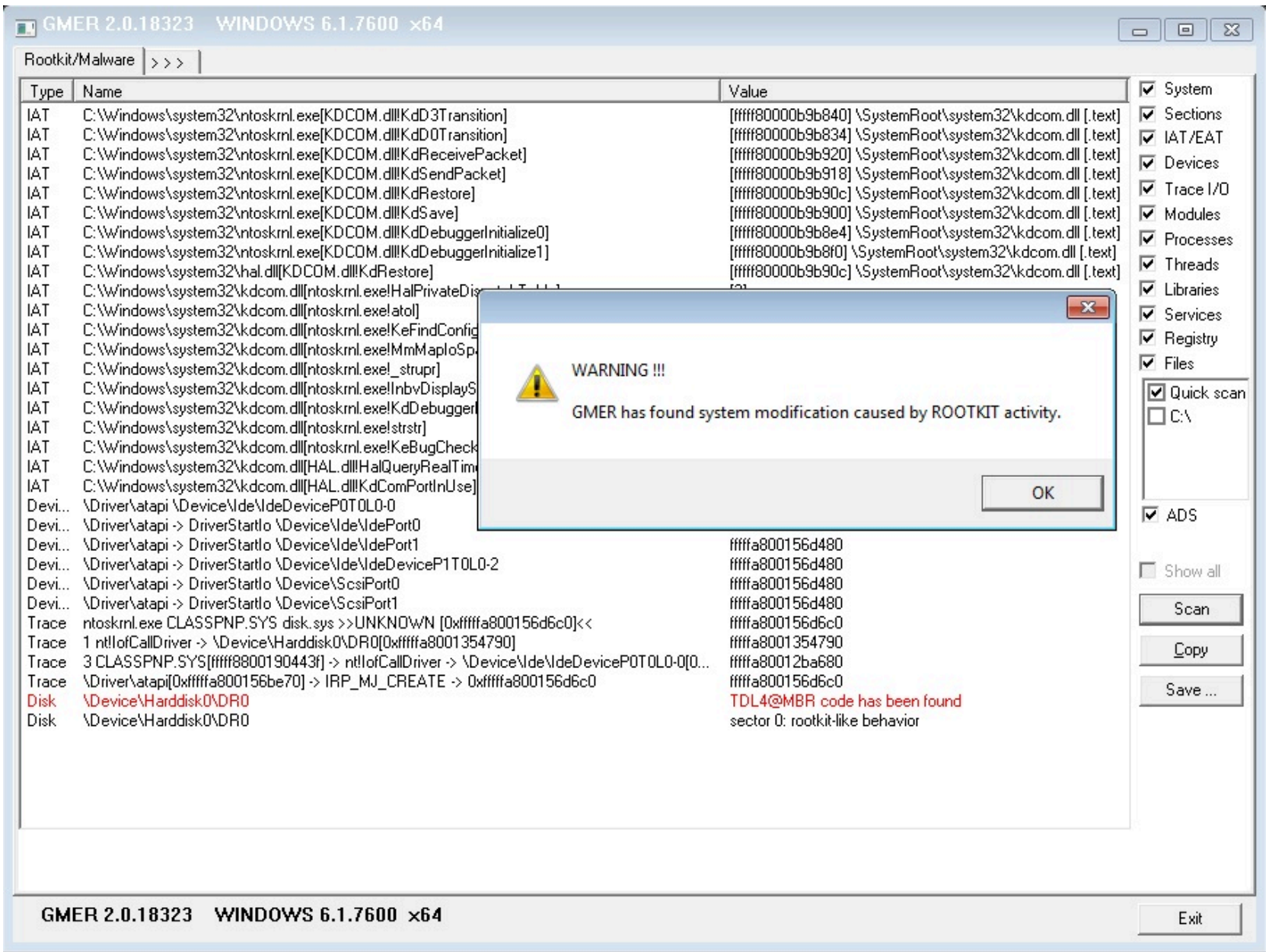
Files
News
Rootkits
FAQ
Contact

GMER is an application that detects and removes rootkits .

It scans for:

- hidden processes
- hidden threads
- hidden modules
- hidden services
- hidden files
- hidden disk sectors (MBR)
- hidden Alternate Data Streams
- hidden registry keys
- drivers hooking SSDT
- drivers hooking IDT
- drivers hooking IRP calls
- inline hooks



GMER runs on Windows **XP/VISTA/7/8/10**

You can download GMER here.

Please see the FAQ section and feel free to send any comments here .

Download

The latest version of **GMER 2.2.19882**

GMER runs only on Windows **NT/W2K/XP/VISTA/7/8/10**

GMER application: Download EXE or ZIP archive: gmer.zip (372kB)

It's recommended to download randomly named EXE (click button above) because some malware won't let gmer.exe launch.

GMER.exe SHA256: E8A3E804A96C716A3E9B69195DB6FFB0D33E2433AF871E4D4E1EAB3097237173

Avast! antivirus integrated with GMER actively protecting over 230 million PCs

aswMBR - antirootkit with avast! AV engine aswMBR.exe

Thanks to: **MR Team**, **CastleCops**, ...

Version History:

This is list of changes for each release of GMER:

- 2.2

- Added support for Windows 10
- Improved files & disk scanning

- 2.1

- Added third-party software component scan
- Improved services scanning
- Improved registry scanning
- Fixed Windows 8 x86 lock issue

- 2.0

- Added support for Windows 8
- Added full support for Windows x64
- Added Trace I/O function
- Added disk "Quick scan" function

- 1.0.15

- Improved "delete file" function
- Added disk browser
- Added registry browser and editor
- Added registry exports
- Added "Kill file" and "Disable service" options to help remove stubborn malware
- Added new option "gmer.exe -nodriver"
- Added new option "gmer.exe -killfile"

gmer.exe -killfile C:\WINDOWS\system32\drivers\runtime2.sys

gmer.exe -killfile C:\WINDOWS\system32:pe386.sys

- Simplified displaying of device hooks
- Added detection and removal of MBR rootkit

- 1.0.13

- Added kernel & user IAT hooks detection
- Added AttachedDevice hooks detection
- Added detection of hooks outside code sections
- Added button "Save ..." log

- 1.0.12

- Added kernel & user mode code sections scanning (inline hooks)
- Added code restoring
- Improved "GMER Safe Mode"
- Improved hidden process scanning

- 1.0.11

- Added "Simple mode"
- Added threads tab
- Added hidden Alternate Data Stream (NFTS Stream) scanning
- Added hidden threads scanning
- Improved hidden process scanning
- Improved hidden modules scanning
- Improved hidden files scanning
- Fixed devices scanning

- 1.0.10

- English version
- Improved process monitoring
- Added Autostart tab
- Added "GMER Safe Mode"
- Added "Files" window
- Added full path of process
- Added loaded libraries
- Added hidden libraries scanning

- 1.0.9

- Improved hidden services scanning.
- Improved ROOTKIT scanning.
- Improved "Kill all" and "Restart".

- 1.0.8

- Added hidden services scanning.
- Added hidden services deletion.
- Added hidden files deletion.
- Added restoring SSDT table.
- Added Interpretation of the rootkit scanning.
- Added CMD tab - executing shell commands
- Fixed showning registry keys
- Fixed tracing library loading.

- 1.0.7

- Improved hidden files scanning.
- Added "Services" tab.

- 1.0.6

- Fixed hidden registry keys scanning.

- 1.0.5

- Added online antivirus scanning.
- Fixed scanning of rootkits that hooks devices' IRP calling

- 1.0.4

- Added rootkit scanning.
- Added loading devices monitoring.

- 1.0.3

- Added log.
- Fixed NTVDM.EXE tracing.

- 1.0.2

- Added processes tab
- Added "Kill all" function.
- Added "Shell" option in the "Process" section, that executes an application other than Explorer.exe

```
[Process]
Shell=gmer.exe
```

- 1.0.1

- First release.

News

2013.01.04

pcworld.com: Detect and remove rootkits with GMER

2013.01.03

New version 2.0.18327 with full x64 support has been released.

2011.03.18

New version 1.0.15.15565 has been released.

2010.11.24

New version 1.0.15.15530 has been released.

ALWIL Software has released AVAST 4.8 containing anti-rootkit based on GMER technology.

2008.01.18

Version 1.0.14.14116 released.

2008.01.11

bbc.co.uk: Warning on stealthy Windows virus

2008.01.08

washingtonpost.com: New Nasty Hides From Windows, Anti-Virus Tools

2008.01.02

Stealth MBR rootkt found in the wild !

You can read about it here: [1], [2]

2007.06.26

Version 1.0.13.12540 released.

2007.03.14

Just another DDoS story - One Person's Perspective by Paul Laudanski

"... Around the middle of February 2007, CastleCops itself became the target of a large scale DDoS. Not new to this kind of attack, it is the first time CastleCops experienced such a large throughput at nearly 1Gbit/s ..."

2007.03.09

Andy Manchesta added catchme into SDFix tool.

2007.02.26

Thanks to **Marco Giuliani** for preparing Italian version of help !

http://www.pcalsicuro.com/main/2007/02/guida-a-gmer/

2007.02.21

New version of catchme with Windows Vista support released.

Catchme has been integrated with **combofix** developed by **sUBs**. Keep up the good fight **sUBs** !.

2007.01.20

After over a month of fight my web page is up and running.

Thank you Paul Vixie and ISC, Matt Jonkman, guys from register.com, MR Team and everyone who helped me.

Special thanks to **Paul Laudanski** who won this battle.

You can read about it here: [1], [2]

2006.12.13

My doman DDoS-ed for the first time.

2006.12.06

I developed sample rootkit "test.sys" which hides its file from all public rootkit detectors:

- BlackLight
- Sophos ARK
- RootkitRevealer
- IceSword
- DarkSpy
- SVV
- ...
- GMER

Rootkit doesn't create hooks (SSDT, IRP, SYSENTER, IDT, inline, FSF) and its modifications are not visible.

You can see it in action in these movies: test.wmv, test2.wmv (0.9MB, 0.7MB Windows Media Video 9 codec).

The detection of this type of rootkit will be added into the next version.

2006.11.28

Version 1.0.12.12011.

2006.10.17

New tool - catchme released.

2006.06.20

washingtonpost.com: New Rootkit Detectors Help Protect You and Your PC

FAQ

Frequently Asked Questions

Question: *Do I have a rootkit?*

Answer: You can scan the system for rootkits using GMER. Run **gmer.exe**, select **Rootkit** tab and click the "Scan" button.
If you don't know how to interpret the output, please **Save** the log and send it to my email address.
Warning ! Please, do not select the "Show all" checkbox during the scan.

Question: *How to create "3rd party" log ?*

Question: How to uninstall/remove the GMER software from my machine ?

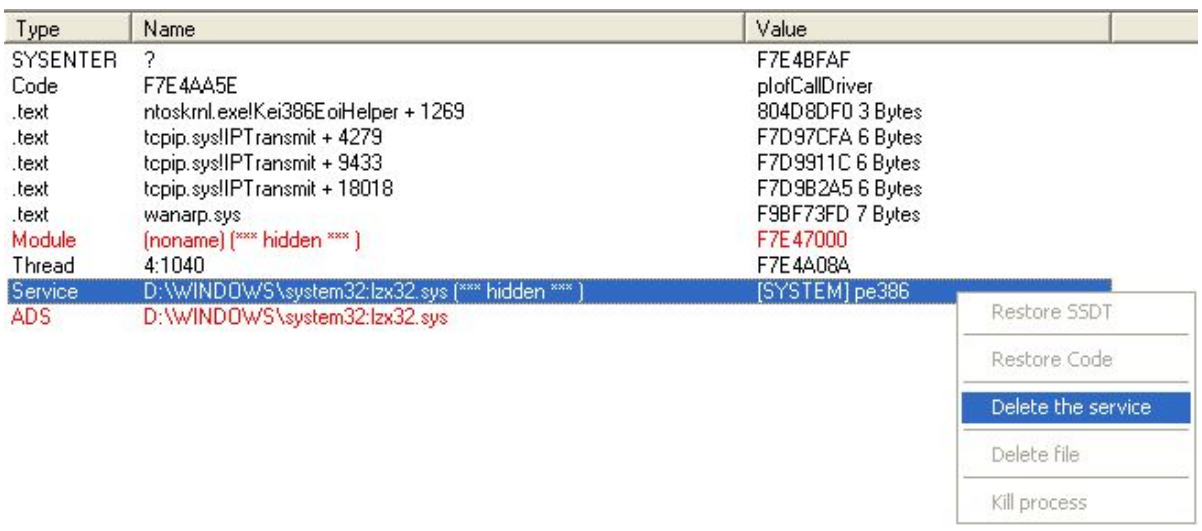
Answer: Just delete the **exe** file.

Question: My computer is infected and GMER won't start:

Answer: Try to rename gmer.exe to iexplore.exe and then run it.

Question: How do I remove the Rustock rootkit ?

Answer: When GMER detects hidden service click "**Delete the service**" and answer **YES** to all questions.



Question: How do I show all NTFS Streams ?

Answer: On the "**Rootkit Tab**" select only: **Files** + **ADS** + **Show all** options and then click the **Scan** button.

Question: Can I launch GMER in Safe Mode ?

Answer: Yes, you can launch GMER in Safe Mode, however rootkits which don't work in Safe Mode won't be detected.

Question: I am confused as to use delete or disable the hidden "service".

Answer: Sometimes "delete the service" option wont work because the rootkit protects its service. So, in such case use: 1) "disable the service", 2) reboot your machine, and 3) "delete the service".

Contact

Use the following address: info@gmer.net