

Free antivirus scanner test



THE INDEPENDENT ANTIVIRUS TESTS

Document contains information about
on-demand virus scanner test.

Date: October 2014.

On-demand virus scanner is unique software that is supposed to remove threats impacting safety and performance of our computer. It usually scans files in whole system or selected directories. Antivirus software as opposed to the “right mouse button” traditional scanner, provides real-time protection and often uses advanced technologies based on traditional statistical and generic signatures. Antivirus programs are optionally equipped with modules: email protection, firewall, web scanner, IDS, HIPS, MBR sector protection, code analysis, comparison technology, cloud analysis and emulation and behavioral analysis algorithm based on statistical and dynamic method.

Antivirus program protects user during all day while scanner is used to detect threats that cannot be detected by poor security software. Scanner doesn't protect us against malicious software, because threat can be removed after scanning, what makes computer unprotected and vulnerable to attacks.

Methodology

To check detection of 15 most popular free virus scanners provided by numerous producers, we prepared image of Windows 7 x64 + SP1 system, which were restored after every program test, so all products were tested in same environment. VirusSign provided 1000 samples that contain trojans, viruses, backdoors, worms, keyloggers and other malware. During test all programs were installed on default settings and have access to internet. Test was prosecuted on 7 October 2014.

Results

Program name (version)	Detected threats	Result
HitmanPro 3.7.9	1000	100,0 %
Panda Cloud Cleaner 1.0.104	996	99,6 %
Kaspersky Virus Removal Tool 11.0.3.7	990	99,0 %
Dr.Web CureIt! 9.0.0	989	98,9 %
Arcabit Skaner Online 2.0.7	986	98,6 %
Microsoft Safety Scanner 1.0.3001.0	975	97,5 %

Norton Power Eraser 4.3.5.28	948	94,8 %
TrendMicro HouseCall 8.0	881	88,1 %
ClamWin Free Antivirus 0.98.4.1	692	69,2 %
Malwarebytes Antimalware Free 2.0.2.1012	659	65,9 %
Windows Malicious Software Removal Tool 09 2014	635	63,5 %
Sophos Virus Removal Tool 2.5.3	510	51,0 %
Comodo Cleaning Essentials 2.5.242177.201	390	39,0 %
9-lab Removal Tool 1.0.0.24 BETA	214	21,4 %
SpyHunter 4.17.6.4336	1	0,1 %

Test conclusion

Best tool for system scanning for threats was HitmanPro, which detected all samples thanks to Bitdefender and Kaspersky cloud technology.

Right behind him with a bit worse, but still very high score acquired Panda Cloud Cleaner, third place in ranking belongs to Kaspersky Virus Removal Tool. All scanners with score over 90%, deserve our recognition and recommendation.

SpyHunter turns to be the worst scanner. According to the producer, it protects against 1 116 643 threats, but in our test it detected only one sample.

Scan time of every software varied widely ranging from several minutes to several hours, but it didn't translate into higher detection rates. HitmanPro, Norton Power Eraser, Sophos Virus Removal Tool and SpyHunter programs can't scan selected files or directories, which increased scan time during test.



100-91%

HitmanPro 3.7.9
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Dr.Web CureIt! 9.0.0
Arcabit Skaner Online 2.0.7
Microsoft Safety Scanner 1.0.3001.0
Norton Power Eraser 4.3.5.28



90-75 %

TrendMicro HouseCall 8.0



74-55%

ClamWin Free Antivirus 0.98.4.1
Malwarebytes Antimalware Free 2.0.2.1012
Windows Malicious Software Removal Tool
09 2014



<54 %

Sophos Virus Removal Tool 2.5.3
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9-lab Removal Tool 1.0.0.24 BETA
SpyHunter 4.17.6.4336

Download certificates: <http://avlab.pl/dla-prasy>

Contact for producers in case of tests: kontakt@avlab.pl