

Proactive Security Challenge 64 report

December 21, 2011

Tested product: **avast! Internet Security 6.0.1367**
Product vendor: AVAST Software a.s.
Testing platform: Windows 7 Service Pack 1, Internet Explorer 9
Number of tests: 110

Level reached: 3
Total score: **15 %**

Introduction

This report presents results of *the Tested product* in the series of tests known as [Proactive Security Challenge 64](#). All the information regarding these tests, the testing methodology and the scoring system is available on the website of this project.

Publicly available reports published on the project website contain results of the testing on the first level and the following levels up to the highest level reached by the tested product. Private reports for commercial based testing usually include results of tests on all levels regardless the level reached by the tested product. The total score is always calculated as if the report was public.

Note that the number of levels, the number of tests or even the tests' implementations may change. The report results are valid at the day of the report's release and are not guaranteed to be valid after that day for any future version of the product or the testing suite.

How to interpret results

With its methodology Proactive Security Challenge 64 covers only some of many aspects that are relevant to the security of desktop computers running Windows OS. By no means the results presented in the reports or on the project's website should be interpreted as overall measure of the tested products quality or security. This project is strictly focused on testing features related to application-based security model and behavior blocking, sometimes such features of a security product are referred to as proactive protection features or HIPS features.

Proactive Security Challenge 64 especially does not evaluate the quality of non-behavioral pattern based or heuristic anti-virus or anti-malware scanning engines. It is also not designed to evaluate products that are built to protect only a single part of the system or just a few selected applications – this includes various Internet browser security add-ons, sandboxes or virtualizations, for example.

More information about methodology of testing and interpretation of results can be found on the project's website. All users of the this report are strongly encouraged to read further information on the project's website in order to avoid misinterpretations of the presented results.

Testing results

Level 1

Number of tests: **10**
Level up: **50 %**
Product's score: **80 %**

Test name	Result	Comment
Autorun12	100 %	PASSED
Autorun3	100 %	PASSED
Autorun9	100 %	PASSED
Coat	100 %	PASSED
FileDel2	0 %	FAILED
Kill1	100 %	PASSED
Kill2	100 %	PASSED
Leaktest	100 %	PASSED
Tooleaky	0 %	FAILED
Yalta	100 %	PASSED

Level 2

Number of tests: **10**
Level up: **50 %**
Product's score: **50 %**

Test name	Result	Comment
Autorun15	100 %	PASSED
Autorun31	0 %	FAILED
Autorun7	100 %	PASSED
ECHOtest	0 %	FAILED
FileWri1	0 %	FAILED
Jumper	100 %	PASSED
Kill4	100 %	PASSED
Schedtest	0 %	FAILED
Suspend1	100 %	PASSED
Wallbreaker4	0 %	FAILED

Level 3

Number of tests: **10**
Level up: **50 %**
Product's score: **40 %**

Test name	Result	Comment
Autorun10	0 %	FAILED
Autorun4	100 %	PASSED
AWFT4	0 %	FAILED
ECHOTest2	0 %	FAILED
FileDel1	0 %	FAILED
HostsBlock	100 %	PASSED
Keylog3	0 %	FAILED – See the further notes at the end of the report.
Kill6	100 %	PASSED
RegDel1	0 %	FAILED
Suspend2	100 %	PASSED

Level 4

Number of tests: **10**
Level up: **50 %**
Product's score: **NOT REACHED**

Level 5

Number of tests: **10**
Level up: **50 %**
Product's score: **NOT REACHED**

Level 6

Number of tests: **10**
Level up: **50 %**
Product's score: **NOT REACHED**

Level 7

Number of tests: **10**
Level up: **50 %**
Product's score: **NOT REACHED**

Level 8

Number of tests: **10**
Level up: **50 %**
Product's score: **NOT REACHED**

Level 9

Number of tests: **10**
Level up: **50 %**
Product's score: **NOT REACHED**

Level 10

Number of tests: **10**
Level up: **50 %**
Product's score: **NOT REACHED**

Level 11

Number of tests: **10**
Level up: **100 %**
Product's score: **NOT REACHED**

Further notes

avast! fails Keylog3 not only in the normal environment but also within its special SafeZone environment that is designed to protect against keyloggers. This was proved using a slightly modified version of the test.