

Proactive Security Challenge 64 report

December 8, 2014

Tested product: **ESET Smart Security 8.0.304.0**
Product vendor: ESET, spol. s r.o.
Testing platform: Windows 7 Service Pack 1, Internet Explorer 9
Number of tests: 110

Level reached: 11
Total score: **67 %**

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: **90 %**

Test name	Result	Comment
Autorun12	100 %	PASSED
Autorun3	100 %	PASSED
Autorun9	100 %	PASSED
Coat	100 %	PASSED
FileDel2	100 %	PASSED
Kill1	100 %	PASSED
Kill2	0 %	FAILED – See the further notes at the end of the report.
Leaktest	100 %	PASSED
Tooleaky	100 %	PASSED
Yalta	100 %	PASSED

Level 2

Number of tests: **10**
Level up: **50 %**
Product's score: **70 %**

Test name	Result	Comment
Autorun15	100 %	PASSED
Autorun31	0 %	FAILED
Autorun7	100 %	PASSED
ECHOtest	100 %	PASSED
FileWri1	100 %	PASSED
Jumper	0 %	FAILED
Kill4	100 %	PASSED
Schedtest	100 %	PASSED
Suspend1	0 %	FAILED – See the further notes at the end of the report.
Wallbreaker4	100 %	PASSED

Level 3

Number of tests: **10**
Level up: **50 %**
Product's score: **90 %**

Test name	Result	Comment
Autorun10	100 %	PASSED
Autorun4	100 %	PASSED
AWFT4	100 %	PASSED
ECHOTest2	100 %	PASSED
FileDel1	100 %	PASSED
HostsBlock	100 %	PASSED
Keylog3	0 %	FAILED
Kill6	100 %	PASSED
RegDel1	100 %	PASSED
Suspend2	100 %	PASSED

Level 4

Number of tests: **10**
Level up: **50 %**
Product's score: **60 %**

Test name	Result	Comment
Autorun19	100 %	PASSED
Autorun20	100 %	PASSED
Autorun37	100 %	PASSED
Crash1	0 %	FAILED – See the further notes at the end of the report.
FileMov1	100 %	PASSED
Keylog4	0 %	FAILED
Kill9	100 %	PASSED
ProxyTest	0 %	FAILED
SSS2	0 %	FAILED
VBStest	100 %	PASSED

Level 5

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

Test name	Result	Comment
Autorun24	100 %	PASSED
Autorun26	100 %	PASSED
Autorun29	100 %	PASSED
CopyCat	100 %	PASSED
Crash2	100 %	PASSED
DDExec	100 %	PASSED
FileWri2	100 %	PASSED
Keylog7	0 %	FAILED
RegSet1	100 %	PASSED
Schedtest2	0 %	FAILED

Level 6

Number of tests: **10**
Level up: **50 %**
Product's score: **70 %**

Test name	Result	Comment
Autorun25	100 %	PASSED
Autorun28	100 %	PASSED
Autorun36	100 %	PASSED
Breakout1	0 %	FAILED
Crash3	100 %	PASSED
FileWri3	100 %	PASSED
FireHole2	100 %	PASSED
Inject2	100 %	PASSED
Keylog5	0 %	FAILED
SSS3	0 %	FAILED

Level 7

Number of tests: **10**
Level up: **50 %**
Product's score: **70 %**

Test name	Result	Comment
Autorun17	100 %	PASSED
Autorun23	100 %	PASSED
Autorun41	100 %	PASSED
Crash4	100 %	PASSED
FileCtl1	100 %	PASSED
FireHole	0 %	FAILED
Keylog6	0 %	FAILED
Kill8	100 %	PASSED
RegDel2	100 %	PASSED
Svckill	0 %	FAILED

Level 8

Number of tests: **10**
Level up: **50 %**
Product's score: **70 %**

Test name	Result	Comment
Autorun38	100 %	PASSED
Autorun5	100 %	PASSED
Autorun8	100 %	PASSED
Crash5	0 %	FAILED
DDEtest	0 %	FAILED
FileDel3	100 %	PASSED
Flank	0 %	FAILED
NewClass	100 %	PASSED
Runner2	100 %	PASSED
SSS4	100 %	PASSED

Level 9

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

Test name	Result	Comment
Autorun34	100 %	PASSED
Autorun43	100 %	PASSED
CPILSuite2	0 %	FAILED
Crash6	0 %	FAILED
DNStester	0 %	FAILED
FileMov2	100 %	PASSED
FileRep1	100 %	PASSED
Keylog1	0 %	FAILED
Kill12	100 %	PASSED
Schedtest3	0 %	FAILED

Level 10

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

Test name	Result	Comment
Autorun39	100 %	PASSED
Autorun44	100 %	PASSED
Cliplog	0 %	FAILED
FileOpn2	100 %	PASSED
Inject1	0 %	FAILED
Keylog2	0 %	FAILED
Kill3e	0 %	FAILED
OSfwbypass	0 %	FAILED
RegAcc1	100 %	PASSED
SockSnif	100 %	PASSED

Level 11

Number of tests: **10**
Level up: **100 %**
Product's score: **40 %**

Test name	Result	Comment
Autorun40	100 %	PASSED
Autorun42	100 %	PASSED
BITStest	0 %	FAILED
FileAcc1	0 %	FAILED
FileRep2	100 %	PASSED
Kill3f	0 %	FAILED
Kill5	100 %	PASSED
Schedtest4	0 %	FAILED
Screenlog	0 %	FAILED
WFPblock	0 %	FAILED

Further notes

ESET protects most of its threads against manipulation and termination by Kill2, Suspend1, Crash1. However, under certain circumstances these tests are successful in attacking some of the ESET's threads and it seems that this may lead to corruption of the host process.