

# Proactive Security Challenge report

August 19, 2011

**Tested product:** ZoneAlarm Extreme Security 2012 10.0.250.000  
**Product vendor:** Check Point Software Technologies Ltd.  
**Testing platform:** Windows XP Service Pack 3, Internet Explorer 8  
**Number of tests:** 148

**Level reached:** 9  
**Total score:** **72 %**

## Introduction

This report presents results of *the Tested product* in the series of tests known as [Proactive Security Challenge](#). All the information regarding these tests, testing methodology and scoring system is available on [the website of this project](#). Reports of the commercial testing usually contain results of all available levels, reports of the public testing usually contain results of the first level and the following levels up to the highest level reached by the tested product. Public testing results are always published on the project's website, while the results of commercial testing are published only after the consent of the paying customer. 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 implementation may change. The report's results are valid at the day of the report's release and are not guaranteed to be valid after that day.

## Testing results

### Level 1

**Number of tests:** 12  
**Level up:** 50 %  
**Product's score:** 83 %

Test name	Result	Comment
Autorun1	100 %	<b>PASSED</b>
Autorun3	100 %	<b>PASSED</b>
Breakout2	100 %	<b>PASSED</b>
Coat	100 %	<b>PASSED</b>
ECHOTest	100 %	<b>PASSED</b>
FileDel2	0 %	<b>FAILED</b>
Kill1	100 %	<b>PASSED</b>
Kill2	100 %	<b>PASSED</b>

Leaktest	100 %	<b>PASSED</b>
Tooleaky	0 %	<b>FAILED</b>
Wallbreaker1	100 %	<b>PASSED</b>
Yalta	100 %	<b>PASSED</b>

**Level 2**

**Number of tests:** 16  
**Level up:** 50 %  
**Product's score:** 69 %

Test name	Result	Comment
Autorun12	100 %	<b>PASSED</b>
Autorun2	100 %	<b>PASSED</b>
Autorun20	100 %	<b>PASSED</b>
Autorun30	100 %	<b>PASSED</b>
AWFT1	100 %	<b>PASSED</b>
DNStest	100 %	<b>PASSED</b>
FileMov2	0 %	<b>FAILED</b>
Ghost	0 %	<b>FAILED</b>
HostsBlock	100 %	<b>PASSED</b>
Jumper	100 %	<b>PASSED</b>
Kill3	0 %	<b>FAILED</b>
Kill3b	0 %	<b>FAILED</b>
Kill6	100 %	<b>PASSED</b>
RegDel1	100 %	<b>PASSED</b>
Wallbreaker3	100 %	<b>PASSED</b>
Wallbreaker4	0 %	<b>FAILED</b>

**Level 3**

**Number of tests:** 17  
**Level up:** 50 %  
**Product's score:** 76 %

Test name	Result	Comment
Autorun16	100 %	<b>PASSED</b>
Autorun24	100 %	<b>PASSED</b>
Autorun31	100 %	<b>PASSED</b>
Autorun4	100 %	<b>PASSED</b>

AWFT3	100 %	<b>PASSED</b>
AWFT4	100 %	<b>PASSED</b>
DNSStester	100 %	<b>PASSED</b>
FileRep1	0 %	<b>FAILED</b>
Kernel1	100 %	<b>PASSED</b>
Kill3f	0 %	<b>FAILED</b>
Kill4	100 %	<b>PASSED</b>
Kill7	100 %	<b>PASSED</b>
RegSet1	100 %	<b>PASSED</b>
SSS2	0 %	<b>FAILED</b>
Suspend1	100 %	<b>PASSED</b>
Thermite	100 %	<b>PASSED</b>
Wallbreaker2	0 %	<b>FAILED</b>

**Level 4**

**Number of tests:** 20  
**Level up:** 50 %  
**Product's score:** 90 %

Test name	Result	Comment
Autorun14	100 %	<b>PASSED</b>
Autorun17	100 %	<b>PASSED</b>
Autorun26	100 %	<b>PASSED</b>
Autorun36	100 %	<b>PASSED</b>
Autorun37	100 %	<b>PASSED</b>
Autorun6	100 %	<b>PASSED</b>
Autorun9	100 %	<b>PASSED</b>
CopyCat	100 %	<b>PASSED</b>
CPIL	100 %	<b>PASSED</b>
CPILSuite1	100 %	<b>PASSED</b>
FileRep2	0 %	<b>FAILED</b>
Inject2	100 %	<b>PASSED</b>
Inject3	100 %	<b>PASSED</b>
Kernel1b	100 %	<b>PASSED</b>
Keylog1	100 %	<b>PASSED</b>
Kill3e	100 %	<b>PASSED</b>
Kill8	100 %	<b>PASSED</b>
Kill9	100 %	<b>PASSED</b>
SSS	0 %	<b>FAILED</b>

Suspend2	100 %	<b>PASSED</b>
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**Level 5**

**Number of tests:** 20  
**Level up:** 50 %  
**Product's score:** 75 %

Test name	Result	Comment
Autorun15	100 %	<b>PASSED</b>
Autorun18	100 %	<b>PASSED</b>
Autorun21	100 %	<b>PASSED</b>
Autorun28	100 %	<b>PASSED</b>
Autorun5	0 %	<b>FAILED</b>
Breakout1	100 %	<b>PASSED</b>
CPILSuite2	100 %	<b>PASSED</b>
Crash1	100 %	<b>PASSED</b>
Crash2	100 %	<b>PASSED</b>
Crash3	100 %	<b>PASSED</b>
Crash4	100 %	<b>PASSED</b>
FileWri1	0 %	<b>FAILED</b>
Kernel2	100 %	<b>PASSED</b>
Kernel3	100 %	<b>PASSED</b>
Keylog2	100 %	<b>PASSED</b>
Kill3c	0 %	<b>FAILED</b>
Kill3d	0 %	<b>FAILED</b>
RegDel2	0 %	<b>FAILED</b>
Svckill	100 %	<b>PASSED</b>
VBStest	100 %	<b>PASSED</b>

**Level 6**

**Number of tests:** 20  
**Level up:** 50 %  
**Product's score:** 85 %

Test name	Result	Comment
Autorun22	100 %	<b>PASSED</b>
Autorun25	0 %	<b>FAILED</b>
Autorun27	100 %	<b>PASSED</b>

Autorun29	100 %	<b>PASSED</b>
Autorun32	100 %	<b>PASSED</b>
Autorun7	100 %	<b>PASSED</b>
CPILSuite3	100 %	<b>PASSED</b>
Crash5	100 %	<b>PASSED</b>
Crash6	0 %	<b>FAILED</b>
DDEtest	100 %	<b>PASSED</b>
ECHOtest2	100 %	<b>PASSED</b>
FileWri2	0 %	<b>FAILED</b>
FireHole	100 %	<b>PASSED</b>
Flank	100 %	<b>PASSED</b>
Kernel4	100 %	<b>PASSED</b>
Keylog3	100 %	<b>PASSED</b>
Keylog4	100 %	<b>PASSED</b>
Kill10	100 %	<b>PASSED</b>
Kill11	100 %	<b>PASSED</b>
Runner	100 %	<b>PASSED</b> – See the further notes at the end of the report.

## Level 7

Number of tests: **20**  
 Level up: **50 %**  
 Product's score: **65 %**

Test name	Result	Comment
Autorun10	100 %	<b>PASSED</b>
Autorun19	100 %	<b>PASSED</b>
Autorun33	100 %	<b>PASSED</b>
Autorun35	100 %	<b>PASSED</b>
Autorun8	0 %	<b>FAILED</b>
BITStest	0 %	<b>FAILED</b>
Crash4b	100 %	<b>PASSED</b>
FileDel1	0 %	<b>FAILED</b>
FileMov1	0 %	<b>FAILED</b>
FileWri3	0 %	<b>FAILED</b>
FireHole2	100 %	<b>PASSED</b>
Inject1	100 %	<b>PASSED</b>
Keylog5	100 %	<b>PASSED</b>
Keylog6	100 %	<b>PASSED</b>
Kill12	100 %	<b>PASSED</b>

OSfwbypass	100 %	<b>PASSED</b>
RegAcc1	100 %	<b>PASSED</b>
Runner2	100 %	<b>PASSED</b> – See the further notes at the end of the report.
Schedtest	0 %	<b>FAILED</b>
SSS3	0 %	<b>FAILED</b>

**Level 8**

**Number of tests:** 16  
**Level up:** 50 %  
**Product's score:** 50 %

Test name	Result	Comment
Autorun11	100 %	<b>PASSED</b>
Autorun13	100 %	<b>PASSED</b>
Autorun23	100 %	<b>PASSED</b>
Autorun34	0 %	<b>FAILED</b>
FileDel3	0 %	<b>FAILED</b>
FileOpn1	0 %	<b>FAILED</b>
FileOpn2	0 %	<b>FAILED</b>
Kernel4b	100 %	<b>PASSED</b>
Kernel5	100 %	<b>PASSED</b>
Kernel5b	0 %	<b>FAILED</b>
Keylog7	100 %	<b>PASSED</b>
Kill5	100 %	<b>PASSED</b>
NewClass	0 %	<b>FAILED</b>
Schedtest2	0 %	<b>FAILED</b>
SockSnif	0 %	<b>FAILED</b>
SSS4	100 %	<b>PASSED</b>

**Level 9**

**Number of tests:** 5  
**Level up:** 50 %  
**Product's score:** 20 %

Test name	Result	Comment
Crash7	0 %	<b>FAILED</b>
Driver Verifier	0 %	<b>FAILED</b>
FileAcc1	0 %	<b>FAILED</b>

FileCtl1	0 %	<b>FAILED</b>
FileWri4	100 %	<b>PASSED</b>

## Level 10

Level up: **100 %**

Product's score: **Not reached**

## Further notes

Technically, ZoneAlarm passed Runner and Runner2 tests because popup queries were displayed and the user was given chances to block the attacks. However, the queries asked about the original Internet Explorer accessing the Internet. It could be assumed that common users would allow the actions.