

# Proactive Security Challenge report

June 11, 2009

**Tested product:** Lavasoft Personal Firewall 3.0.2293.8822  
**Product vendor:** Lavasoft  
**Testing platform:** Windows XP Service Pack 3  
**Number of tests:** 84

**Level reached:** 8  
**Total score:** **67 %**

## 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

**Level up:** 50 %  
**Product's score:** 100 %

Test name	Result	Comment
Breakout2	100 %	<b>PASSED</b>
Coat	100 %	<b>PASSED</b>
ECHOTest	100 %	<b>PASSED</b>
Kill1	100 %	<b>PASSED</b>
Kill2	100 %	<b>PASSED</b>
Leaktest	100 %	<b>PASSED</b>
Tooleaky	100 %	<b>PASSED</b>
Wallbreaker1	100 %	<b>PASSED</b>
Yalta	100 %	<b>PASSED</b>

**Level 2**

Level up: 50 %

Product's score: 94 %

Test name	Result	Comment
AWFT1	100 %	<b>PASSED</b>
DNSstest	100 %	<b>PASSED</b>
Ghost	100 %	<b>PASSED</b>
Jumper	100 %	<b>PASSED</b>
Kill3	100 %	<b>PASSED</b>
Kill3b	100 %	<b>PASSED</b>
Kill6	50 %	<b>FAILED</b>
Wallbreaker3	100 %	<b>PASSED</b>
Wallbreaker4	100 %	<b>PASSED</b>

**Level 3**

Level up: 50 %

Product's score: 75 %

Test name	Result	Comment
AWFT3	100 %	<b>PASSED</b>
AWFT4	100 %	<b>PASSED</b>
DNSstester	100 %	<b>PASSED</b>
Kernel1	0 %	<b>FAILED</b> – See the further notes at the end of the report.
Kill3f	100 %	<b>PASSED</b>
Kill4	100 %	<b>PASSED</b>
Kill7	100 %	<b>PASSED</b>
SSS2	0 %	<b>FAILED</b>
Suspend1	50 %	<b>FAILED</b>
Thermite	100 %	<b>PASSED</b>

**Level 4**Level up: **50 %**Product's score: **60 %**

Test name	Result	Comment
CopyCat	100 %	<b>PASSED</b>
CPIL	100 %	<b>PASSED</b>
CPILSuite1	100 %	<b>PASSED</b>
Kernel1b	0 %	<b>FAILED</b> – See the further notes at the end of the report.
Keylog1	0 %	<b>FAILED</b>
Kill3e	100 %	<b>PASSED</b>
Kill8	100 %	<b>PASSED</b>
Kill9	50 %	<b>FAILED</b>
SSS	0 %	<b>FAILED</b>
Suspend2	50 %	<b>FAILED</b>

**Level 5**Level up: **50 %**Product's score: **79 %**

Test name	Result	Comment
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	50 %	<b>FAILED</b>
Kernel2	0 %	<b>FAILED</b>
Kernel3	100 %	<b>PASSED</b>
Keylog2	0 %	<b>FAILED</b>
Kill3c	100 %	<b>PASSED</b>
Kill3d	100 %	<b>PASSED</b>
VBStest	100 %	<b>PASSED</b>

**Level 6**Level up: **50 %**Product's score: **62 %**

Test name	Result	Comment
CPILSuite3	100 %	<b>PASSED</b>
Crash5	50 %	<b>FAILED</b>
Crash6	50 %	<b>FAILED</b>
DDEtest	100 %	<b>PASSED</b>
ECHOTest2	0 %	<b>FAILED</b>
FireHole	100 %	<b>PASSED</b>
Flank	100 %	<b>PASSED</b>
Kernel4	0 %	<b>FAILED</b> – See the further notes at the end of the report.
Keylog3	0 %	<b>FAILED</b>
Keylog4	0 %	<b>FAILED</b>
Kill10	100 %	<b>PASSED</b>
Kill11	100 %	<b>PASSED</b>
Runner	100 %	<b>PASSED</b>

**Level 7**Level up: **50 %**Product's score: **50 %**

Test name	Result	Comment
BITStest	100 %	<b>PASSED</b>
FireHole2	100 %	<b>PASSED</b>
Keylog5	0 %	<b>FAILED</b>
Keylog6	0 %	<b>FAILED</b>
Kill12	50 %	<b>FAILED</b>
OSfwbypass	100 %	<b>PASSED</b>
Runner2	100 %	<b>PASSED</b>
Schedtest	0 %	<b>FAILED</b>
SSS3	0 %	<b>FAILED</b>

## Level 8

Level up: 50 %

Product's score: 38 %

Test name	Result	Comment
Kernel4b	100 %	PASSED
Kernel5	0 %	FAILED
Keylog7	100 %	PASSED
Kill5	0 %	FAILED
NewClass	0 %	FAILED
Schedtest2	0 %	FAILED
SockSnif	100 %	PASSED
SSS4	0 %	FAILED

## Level 9

Level up: 50 %

Product's score: Not reached

## Level 10

Level up: 100 %

Product's score: Not reached

## Further notes

Although Lavasoft Personal Firewall can prevent actions of Kernel1 test if the user answers “Block Once“ to all Lavasoft's queries, it does not prevent the attack if “OK” button is used and “Block attempts to load drivers” is selected – this option is more likely to be used in order to prevent a malware attack. Lavasoft Personal Firewall failed Kernel1b and Kernel4 tests similarly.