

Firewall Challenge report

January 7, 2009

Tested product: ZoneAlarm Pro 8.0.059.000
Product vendor: Check Point Software Technologies Ltd.
Testing platform: Windows XP Service Pack 3
Number of tests: 84

Level reached: 9
Total score: 72 %

Introduction

This report presents results of *the Tested product* in the series of tests known as [Firewall 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 % | PASSED |
| Coat | 100 % | PASSED |
| ECHOTest | 100 % | PASSED |
| Kill1 | 100 % | PASSED |
| Kill2 | 100 % | PASSED |
| Leaktest | 100 % | PASSED |
| Tooleaky | 100 % | PASSED |
| Wallbreaker1 | 100 % | PASSED |
| Yalta | 100 % | PASSED |

Level 2

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

| Test name | Result | Comment |
|--------------|--------|---------|
| AWFT1 | 100 % | PASSED |
| DNSstest | 100 % | PASSED |
| Ghost | 100 % | PASSED |
| Jumper | 100 % | PASSED |
| Kill3 | 100 % | PASSED |
| Kill3b | 100 % | PASSED |
| Kill6 | 100 % | PASSED |
| Wallbreaker3 | 100 % | PASSED |
| Wallbreaker4 | 100 % | PASSED |

Level 3

Level up: 50 %
Product's score: 75 %

| Test name | Result | Comment |
|------------|--------|--|
| AWFT3 | 100 % | PASSED |
| AWFT4 | 100 % | PASSED |
| DNSstester | 100 % | PASSED |
| Kernel1 | 0 % | FAILED |
| Kill3f | 0 % | FAILED |
| Kill4 | 100 % | PASSED |
| Kill7 | 100 % | PASSED |
| SSS2 | 50 % | FAILED – Unwanted system reboot was not prevented. |
| Suspend1 | 100 % | PASSED |
| Thermite | 100 % | PASSED |

Level 4

Level up: **50 %**

Product's score: **75 %**

| Test name | Result | Comment |
|------------|--------|---|
| CopyCat | 100 % | PASSED |
| CPIL | 100 % | PASSED |
| CPILSuite1 | 100 % | PASSED |
| Kernel1b | 0 % | FAILED |
| Keylog1 | 0 % | FAILED |
| Kill3e | 100 % | PASSED |
| Kill8 | 100 % | PASSED |
| Kill9 | 100 % | PASSED |
| SSS | 50 % | FAILED – Unwanted user logout was not prevented. |
| Suspend2 | 100 % | PASSED |

Level 5

Level up: **50 %**

Product's score: **83 %**

| Test name | Result | Comment |
|------------|--------|---------------|
| Breakout1 | 100 % | PASSED |
| CPILSuite2 | 100 % | PASSED |
| Crash1 | 100 % | PASSED |
| Crash2 | 100 % | PASSED |
| Crash3 | 100 % | PASSED |
| Crash4 | 100 % | PASSED |
| Kernel2 | 0 % | FAILED |
| Kernel3 | 100 % | PASSED |
| Keylog2 | 0 % | FAILED |
| Kill3c | 100 % | PASSED |
| Kill3d | 100 % | PASSED |
| VBStest | 100 % | PASSED |

Level 6

Level up: **50 %**

Product's score: **69 %**

| Test name | Result | Comment |
|------------|--------|---------------|
| CPILSuite3 | 100 % | PASSED |
| Crash5 | 0 % | FAILED |
| Crash6 | 0 % | FAILED |
| DDEtest | 100 % | PASSED |
| ECHOTest2 | 100 % | PASSED |
| FireHole | 100 % | PASSED |
| Flank | 0 % | FAILED |
| Kernel4 | 0 % | FAILED |
| Keylog3 | 100 % | PASSED |
| Keylog4 | 100 % | PASSED |
| Kill10 | 100 % | PASSED |
| Kill11 | 100 % | PASSED |
| Runner | 100 % | PASSED |

Level 7

Level up: **50 %**

Product's score: **50 %**

| Test name | Result | Comment |
|------------|--------|---|
| BITStest | 0 % | FAILED |
| FireHole2 | 100 % | PASSED |
| Keylog5 | 0 % | FAILED |
| Keylog6 | 100 % | PASSED |
| Kill12 | 100 % | PASSED |
| OSfwbypass | 0 % | FAILED |
| Runner2 | 100 % | PASSED – See the further notes at the end of the report. |
| Schedtest | 0 % | FAILED |
| SSS3 | 50 % | FAILED – Unwanted system reboot was not prevented. |

Level 8

Level up: 50 %

Product's score: 50 %

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

Level 9

Level up: 50 %

Product's score: 0 %

| Test name | Result | Comment |
|-----------------|--------|---------|
| Crash7 | 0 % | FAILED |
| Driver Verifier | 0 % | FAILED |

Level 10

Level up: 100 %

Product's score: Not reached

Further notes

Technically, ZoneAlarm passed Runner2 because a popup query was displayed and the user had a chance to block the attack. However, the query asked about the original Internet Explorer accessing DNS. It could be assumed that common users would allow the action.