Anti-Virus Comparative

Retrospective test
(on-demand proactive detection test)

Kaspersky Anti-Virus 7.0

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1. Tested product

KasperskyLab (www.kaspersky.com) recently released a new product version 7 of their Anti-Virus and Internet Security products. This new version includes a heuristic analyzer (emulator), which should help in detecting new/unknown threats. We tested Kaspersky Anti-Virus 7.0.0.119 with last signature updates of the 2nd February 2007 and with highest settings (heuristic set to detail/maximum) under Windows XP, to see how well this new heuristic of Kaspersky works. The used test-set for this retrospective test is from the 2nd May 2007 and the results are comparable with those from the retrospective test of May 2007 (http://www.av-comparatives.org/seiten/ergebnisse/report14.pdf).

2. Test results

Below the on-demand proactive detection rates of KAV 7.0 (same results apply also to Kaspersky Internet Security v7):

Product	Kaspersky AV		
Program version	7.0.0.119		
Heuristic level	*detail/ maximum*		
Number of virus records	264.410		
ProActive detection of "NEW" samples			
Windows viruses	255	99	39%
Script malware	80	6	8%
Worms	4.075	1.220	30%
Backdoors	3.873	2.406	62%
Trojans	11.966	3.470	29%
other malware	260	6	2%
OtherOS malware	13	0	0%
TOTAL	**20.522**	**7.207**	**35%**

With a total detection rate of 35% in the retrospective test and a very low rate of false alarms (the same one false alarm like in version 6), Kaspersky Anti-Virus version 7 would in our tests have reached the ADVANCED certification level (PROACTIVE DETECTION AWARD).

Kaspersky includes since version 6 an aditional layer of protection, called Proactive Defense Module (PDM) which is able to protect the system against unknown malware during its execution, based on its behavior. In a test we conducted (using random selected samples) we found this proactive protection to work very well (but needs user intervention) and to deserve our "PROACTIVE PROTECTION AWARD".

Note: some more anti-virus products will be tested for 'Proactive Protection' soon.

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