

China Region Malware Test 2010 May

Basic Introduction

- ◆ Test Time : May 4th, 2010
- ◆ Tester : PC Security Labs
- ◆ Test Platform : Windows XP SP3 Professional Simplified Chinese
- ◆ Test Methodology : On-demand scan (default setting) of malware package and clean file database and then calculate the detection rate and false positives
- ◆ Malware Package : Top Prevalent Threat Sample in China Region (Top1004)
- ◆ Clean File Database : Popular software in China Region and the files they extract
- ◆ Tested Products : 30 Security Products
- ◆ Formula: Final Score=Detection Rate*100 – Log10(False Positive + 1)

Vendors & Products

Vendors (Total 30 vendors)	Products (Desktop) China Region Test 2010 May
Antiy	Antiy Ghostbusters
ArcaBit	ArcaVir 2010 Internet Security
AVG	AVG Internet Security 9.0
Avira	Avira Premium Security Suite 10
BitDefender	BitDefender Internet Security 2010
Dr.Web	Dr.Web Anti-Virus
Emsisoft	Emsisoft Anti-Malware 4.5
ESET	ESET Smart Security 4
Filseclab	Twister Anti-TrojanVirus
FinPort	Simple Antivirus 2009
F-Secure	F-Secure Internet Security 2010
G DATA	G DATA Internet Security 2010
IKARUS	IKARUS virus utilities T3
Jiangmin	JiangMin Antivirus Software KV2010
Kaspersky	Kaspersky Internet Security 2010
Kingsoft	Kingsoft internet Security 2011
McAfee	McAfee Total Security 2010
Micro World	eScan Internet Security Suite
Microsoft	Microsoft Security Essentials
NETGATE	Spy Emergency
Panda	Panda Internet Security 2010
Quick Heal	Quick Heal Total Security 2010
Rising	Rising Internet Security 2010
SOPHOS	Sophos Anti-Virus
Sunbelt	VIPRE Antivirus+Antispyware
Symantec	Norton Internet Security 2010
Tall Emu	Online-Armor ++
Trend Micro	Trend Micro Internet Security 2010
TrustPort	TrustPort PC Security 2010
VirusBlokAda	Vba32 Personal

Static Detection Rate

Vendors	Total Samples	Missed Samples	Detected Samples	Static Detection Rate 2010 May
Panda	1004	3	1001	99.70%
Emsisoft	1004	6	998	99.40%
Tall Emu	1004	6	998	99.40%
TrustPort	1004	7	997	99.30%
G DATA	1004	8	996	99.20%
IKARUS	1004	8	996	99.20%
AVG	1004	9	995	99.10%
McAfee	1004	12	992	98.80%
Sunbelt	1004	14	990	98.61%
SOPHOS	1004	23	981	97.71%
Kaspersky	1004	24	980	97.61%
Avira	1004	26	978	97.41%
ESET	1004	36	968	96.41%
Trend Micro	1004	41	963	95.92%
Symantec	1004	43	961	95.72%
Microsoft	1004	55	949	94.52%
Filseclab	1004	57	947	94.32%
BitDefender	1004	61	943	93.92%
Micro World	1004	61	943	93.92%
F-Secure	1004	61	943	93.92%
Jiangmin	1004	69	935	93.13%
VirusBlokAda	1004	71	933	92.93%
Kingsoft	1004	90	914	91.04%
Rising	1004	94	910	90.64%
Antiy	1004	160	844	84.06%
Quick Heal	1004	160	844	84.06%
Dr.Web	1004	174	830	82.67%
ArcaBit	1004	369	635	63.25%
NETGATE	1004	647	357	35.56%
FinPort	1004	797	207	20.62%

FP Test & Final Score

Vendors	Static Detection Rate	Static FP	Final Score(China Region Test 2010 May)
Panda	99.70%	7	98.80
G DATA	99.20%	3	98.60
Emsisoft	99.40%	10	98.36
Tall Emu	99.40%	10	98.36
TrustPort	99.30%	8	98.35
IKARUS	99.20%	9	98.20
AVG	99.10%	7	98.20
McAfee	98.80%	6	97.96
Sunbelt	98.61%	8	97.65
Kaspersky	97.61%	0	97.61
SOPHOS	97.71%	2	97.23
Avira	97.41%	1	97.11
ESET	96.41%	0	96.41
Trend Micro	95.92%	0	95.92
Symantec	95.72%	0	95.72
Microsoft	94.52%	0	94.52
BitDefender	93.92%	1	93.62
Micro World	93.92%	1	93.62
Filseclab	94.32%	6	93.48
F-Secure	93.92%	2	93.45
Jiangmin	93.13%	0	93.13
VirusBlokAda	92.93%	2	92.45
Rising	90.64%	0	90.64
Kingsoft	91.04%	3	90.43
Antiy	84.06%	0	84.06
Quick Heal	84.06%	3	83.46
Dr.Web	82.67%	1	82.37
ArcaBit	63.25%	3	62.64
NETGATE	35.56%	3	34.96
FinPort	20.62%	1	20.32

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