Details about the discovered False Alarms



Appendix to the Anti-Virus Comparative March 2013

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Details about the discovered false alarms

With AV testing it is important to measure not only detection capabilities but also reliability - one of reliability aspects is certainly product's tendency to flag clean files as infected. No product is immune from false positives (FP's) but there are differences among them and the goal is to measure them. Nobody has all legitimate files that exist and so no "ultimate" test of FP's can be done. What can be done and is reasonable, is to create and use a set of clean files which is independent. If on such set one product has e.g. 50 FP's and another only 10, it is likely that the first product is more prone to FP's than the other. It doesn't mean the product with 10 FP's doesn't have more than 10 FP's globally, but important is the relative number.

All listed false alarms were encountered at time of testing and should by now have been fixed. False alarms caused by unencrypted data blocks in Anti-Virus related files were not counted. If a product had several false alarms belonging to the same software, it is counted here as only one false alarm. Cracks, keygens, etc. or other highly questionable tools, including FP's distributed/shared primarily by vendors (which may be in the several thousands) or other non-independent sources are not counted here as False Positives.

In order to give more information to the users about the false alarms, we try to rate the prevalence of the false alarms. Files with were digitally signed are considered more important. Due to that, a file with e.g. prevalence "level 1" and a digital signature is upgraded to next level (e.g. prevalence "level 2").

The prevalence is given in five categories and labeled with the following colors:

	Level	Presumed number of affected users	Comments
1		Probably fewer than hundred users	Individual cases, old or rarely used files, unknown prevalence
2		Probably several hundreds of users	Initial distribution of such files was probably much higher, but
3		Probably several thousands of users	current usage on actual systems is lower (despite its presence),
4		Probably several tens of thousands (or more) of users	that is why also well-known software may now affect / have only a prevalence of some hundreds or thousands of users.
5	_	Probably several hundred of thousands (or millions) of users	Such cases are likely to be seen very less frequently in a false alarm test done at a specific time, as such files are usually either whitelisted or would be noticed and fixed very fast.

Most false alarms will probably most of the times fall into the first two levels. In our opinion, Anti-Virus products should not have false alarms on any sort of clean files despite how many users are currently affected by them. While some AV vendors may play down the risk of false alarms and play up the risk of malware, we are not going to rate products based on what the supposed prevalence of false alarms is. We already allow a certain amount (currently 15) of false alarms inside our clean set before we start penalizing scores and in our opinion products which produce a higher amount of false alarms are also more likely to produce false alarms on more prevalent files (or in other sets of clean files). The prevalence data we give about clean files is just for informational purpose. The listed prevalence can differ inside the report depending on which file / version the false alarm occurred and/or how many files of same kind were affected.



Some products using third-party engines/signatures may have fewer or more false alarms than the licensed engine has by its own, e.g. due to different internal settings implemented, the additional checks/engines/clouds/signatures, whitelist databases, time delay between the release of the original signatures and the availability of the signatures for third-party products, additional QA of signatures before release, etc.

False Positives (FPs) are an important measurement for AV quality. One FP report from a customer can result in large amount of engineering and support work to resolve the issue. Sometimes this can even lead to important data loss or system unavailability. Even "not significant" FPs (or FP's on old applications) deserve mention and attention because FPs are likely to be a result of principled rule detections. It just happened that the FP was on an insignificant file. The FP possibility is probably still in the product and could FP again on a more significant file. Thus, they still deserve mention and still deserve penalty.

Below you will find the false alarms we observed in our independent set of clean files. Red entries highlight false alarms on files that were digitally signed.

Microsoft

Microsoft had zero false alarms over our set of clean files.

Fortinet

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	W32/Agent.TQKO!tr	
InfoRapid package	W32/XBlocker.TL!tr	
Lotus package	W32/Cosmu.BWYW!tr	
PackardBell package	W32/PWS_y.DSK!tr	
Shanghai package	W32/Mudrop.VSP!tr	

Fortinet had 5 false alarms. As Fortinet is a product for corporate users, which computers are managed by an administrator, most of the above discovered FP's may not be a big issue.

Kaspersky

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Trojan.Win32.Agent.tqko	
Cobra package	HEUR:Trojan.Win32.Generic	
FMZilla package	Trojan.Win32.Pincav.cmgw	
OEsetup package	UDS:DangerousObject.Multi.Generic	
Shanghai package	Trojan-Dropper.Win32.Mudrop.vsp	
TotalRecorder package	P2P-Worm.Win32.Palevo.fjhs	

Kaspersky had 6 false alarms.

Sophos

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Mal/Generic-L	
APFill package	Mal/EncPk-AFT	
CounterStrike package	Mal/Generic-S	
MysterySolitaire package	Mal/Generic-L	
SynchPST package	Mal/Generic-S	



XPSecurity package

Mal/TinyDL-T

Sophos had 6 false alarms with <u>default</u> settings. As Sophos is a product for corporate users, which computers are managed by an administrator, most of the above discovered FP's may not be a big issue.

AVIRA

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	TR/Agent.tqko	
AEXR package	TR/Agent.2707456.7	
Decryptor package	TR/Crypt.XPACK.Gen	
Kaspersky package	TR/Agent.208616	
Nero package	TR/Kazy.81793.1	
Shanghai package	TR/Zusy.25908.1	
WinAmp package	TR/Rogue.7285000.17	
Xara3D package	TR/Crypt.XPACK.Gen7	

AVIRA had 8 false alarms.

Tencent

Tentent		
False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	TR/Agent.tqko	
AEXR package	TR/Agent.2707456.7	
Decryptor package	TR/Crypt.XPACK.Gen	
Kaspersky package	TR/Agent.208616	
Nero package	TR/Kazy.81793.1	
Shanghai package	TR/Zusy.25908.1	
WinAmp package	TR/Rogue.7285000.17	
Xara3D package	TR/Crypt.XPACK.Gen7	

Tencent had 8 false alarms.

BitDefender

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Gen:Variant.Kazy.101217	
Anonymizer package	Trojan.Proxy.MUM	
DriverGenius package	Trojan.Generic.7910826	
Hausdesign package	Trojan.Generic.8389879	
HTMLPrint package	Gen:Variant.Kazy.105958	
Illustrator package	Gen:Variant.Symmi.10353	
NeighboursFromHell package	MemScan:Trojan.Generic.7873472	
Shanghai package	Gen:Variant.Zusy.25908	
Tierpension package	Gen:Tarctox.1	

BitDefender had 9 false alarms.

RullGuard

BullGuard		
False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Gen:Variant.Kazy.101217	
Anonymizer package	Trojan.Proxy.MUM	
DriverGenius package	Trojan.Generic.7910826	



HTMLprint package Gen:Variant.Kazy.105958 Illustrator package Gen:Variant.Symmi.10353 $Neighbors From Hell\ package$ MemScan:Trojan.Generic.7873472 PeBuilder package Trojan.Generic.8389879 Gen:Variant.Zusy.25908 Shanghai package Gen:Tarctox.1 Tierpension package

BullGuard had 9 false alarms.

ESET

False alarm found in some parts of	Detected as	Supposed prevalence
Cleaning4Everyone package	NewHeur_PE Virus	
DigitalTheatre package	Win32/Packed.Themida	
MediaCell package	Win32/Statik	
MediaGallery	Win32/Packed.Themida	
PowerNameGenerator package	Win32/TrojanDropper.KillProcs.A	
RT7 package	MSIL/Packed.CryptoObfuscator.F	
TweakXP package	Win32/Packed.Themida	
Webswatch package	NewHeur_PE Virus	
Wings package	Win32/Packed.Themida	

ESET had 9 false alarms.

F-Secure

Detected as	Supposed prevalence
Gen:Variant.Kazy.101217	
Trojan.Proxy.MUM	
W32/Malware.3230e1!Online	
Trojan.Generic.7910826	
Gen:Variant.Kazy.105958	
Gen:Variant.Kazy.148389	
Trojan.Generic.8389879	
W32/Malware.f769dc!Online	
Gen:Variant.Zusy.25908	
W32/Malware.59395f!Online	
W32/Malware.591897!Online	
	Gen:Variant.Kazy.101217 Trojan.Proxy.MUM W32/Malware.3230e1!Online Trojan.Generic.7910826 Gen:Variant.Kazy.105958 Gen:Variant.Kazy.148389 Trojan.Generic.8389879 W32/Malware.f769dc!Online Gen:Variant.Zusy.25908 W32/Malware.59395f!Online

F-Secure with <u>default</u> settings had 11 false alarms.

Kingsoft

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	tr/agent.tqko	
AEXR package	tr/agent.2707456.7	
Decryptor package	tr/crypt.xpack.gen	
Kaspersky package	tr/agent.208616	
Luxor package	tr/drop.delf.gng	
Nero package	tr/kazy.81793.1	
Shanghai package	tr/zusy.25908.1	
SpamFighter package	tr/dropper.gen	
WildTangent package	tr/dropper.gen	
WinAmp package	tr/rogue.7285000.17	



Xara3D package

tr/crypt.xpack.gen7



Kingsoft (without cloud) had 11 false alarms.

Qihoo

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	TR.Agent.tqko	
AEXR package	TR.Agent.2707456.7	
Decryptor package	TR.Crypt.XPACK.Gen	
DriverGenius package	Trojan.Generic.7910826	
Elevate package	TR.Crypt.XPACK.Gen	
HTMLprint package	Gen:Variant.Kazy.105958	
Illustrator package	Gen:Variant.Symmi.10353	
NeighborsFromHell package	MemScan:Trojan.Generic.7873472	
Nero package	TR.Kazy.81793.1	
PEbuilder package	Trojan.Generic.8389879	
Tierpension package	Gen:Tarctox.1	
WinAmp package	TR.Rogue.7285000.17	

Qihoo had 12 false alarms.

Avast

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False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Win32:Trojan-gen	
AntiTrojan package	Win32:Malware-gen	
Bootsupport package	Win32:Malware-gen	
Brockhaus package	Win32:Trojan-gen	
CallSearch package	Win32:Malware-gen	
Cryptload package	Win32:Malware-gen	
Decryptor package	Win32:Fraudo	
DesperateSpace package	Win32:Trojan-gen	
Elevate package	Win32:Malware-gen	
Shanghai package	Win32:Malware-gen	
Symantec package	Win32:MalOb-IJ	
Telda package	Win32:Malware-gen	
ValueMotion package	Win32:WrongInf-C	
ZoomPlayer package	Win32:Malware-gen	

Avast had 14 false alarms.

McAfee

False alarm found in some parts of	Detected as	Supposed prevalence
Brockhaus package	Artemis!0D5EB245F1F8	
Clavier package	Artemis! 88D16027EDA2	
Desert package	Artemis!39F8F6890DEA	
DVDShrink package	Artemis!48DFC7B2654F	
DVRStudioPro package	Artemis!2E530BE7130D	
GoogleBAE package	Artemis!35082C362BE9	
Imagenomic package	Artemis!273DE16FDE7B	
IPmessenger package	Artemis!C7A1D2955161	
Longtion package	Artemis!F7155EF9C333	
Moorhuhn package	Artemis!E14D460BA186	



Profe package	Artemis!23AAFC6A3224	
RestoreNatur package	Artemis!1E919086C022	
RummyRoyal package	Artemis!80DD9BD1B336	
Settlers package	W32/Virut.remnants	
Tetrix package	Artemis!974A0DF753AF	

McAfee had 15 false alarms.

AhnLab

False alarm found in some parts of	Detected as	Supposed prevalence
ACLive package	Worm/Win32.AutoRun	
Amazon package	Win-Trojan/Securisk	
ArcSoft package	Trojan/Win32.Koutodoor	
Audioneer package	Win32/Magistr.worm.1227264	
Brockhaus package	Malware/Win32.Trojan Horse	
DirectX package	Win-Trojan/Agent.32768.QN	
Dru package	Trojan/Win32.Xema	
EasyBurning package	Packed/Upack	
EClean package	ASD.Prevention	
Email2Task package	Trojan/Win32.Buzus	
KIX package	Win-Trojan/Klaus3166276.692224	
L2LC package	Win32/MalPackedB.suspicious	
Need4Speed package	Win-Trojan/Hupe.Gen	
Netshrink package	ASD.Prevention	
NFind package	Trojan/Win32.Xema	
Steganos package	ASD.Prevention	
VideoRotator package	ASD.Prevention	
Vispa package	Packed/Upack	
Z-UpMaker package	Win-Trojan/Swisyn.61952.E	

AhnLab had 19 false alarms.

G DATA 2013

G DATA 2013		
False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Gen:Variant.Kazy.101217	
Anonymizer package	Trojan.Proxy.MUM	
AntiTrojan package	Win32:Malware-gen	
BootSupport package	Win32:Malware-gen	
Brockhaus package	Win32:Trojan-gen	
CallSearch package	Win32:Malware-gen	
Cryptload package	Win32:Malware-gen	
Decryptor package	Win32:Fraudo	
DesperateSpace package	Win32:Trojan-gen	
DXFimport package	Gen:Variant.Symmi.10353	
Elevate package	Win32:Malware-gen	
HTMLprint package	Gen:Variant.Kazy.105958	
NeighborsFromHell package	MemScan:Trojan.Generic.7873472	
OpenOffice package	Win32:Trojan-gen	
PeBuilder package	Trojan.Generic.8389879	
Shanghai package	Gen:Variant.Zusy.25908	
Symantec package	Win32:MalOb-IJ	
Tierpension package	Gen:Tarctox.1	



ZoomPlayer package

Win32:Malware-gen

G DATA 2013 had 19 false alarms.

AVG

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Agent3.CFEY	
AverTV package	Win32/DH{QWhYADUu}	
Daemon package	Generic31.AMAX	
Deeenes package	Win32/DH{Dy4gJCIl}	
Espresso package	Win32/DH{WAY}	
FireWire package	Luhe.Fiha.A	
IceAge package	Luhe.Packed.S	
IceSword package	Win32/DH{LEEgHnloZycq}	
Java package	Generic30.BZQI	
JewelJones package	Win32/DH{WAY}	
Lotus package	Generic31.AGIE	
Moorhuhn package	Dropper.Generic7.AGHX	
Nvidia package	Agent4.AFIX	
Onlinebillard package	Win32/DH{AGdiCWg}	
PowerDVD package	Win32/Heur	
RegRun package	Win32/DH{Dy5mXA}	
Shanghai package	Dropper.Generic7.AEVH	
SkypeRecorder package	SHeur4.A0JU	
TalkBack package	Agent4.AFSZ	
Terminator package	Downloader.Generic13.VWT	
TweakXP package	IRC/BackDoor.SdBot2.MZH	

AVG had 21 false alarms.

eScan

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Gen:Variant.Kazy.101217	
Anonymizer package	Trojan.Proxy.MUM	
BeepIp package	Gen:Trojan.Heur.WG9@ryIHbtcm[ZP]	
Canon package	Trojan.Generic.8312925	
DXF import package	Gen:Variant.Symmi.10353	
GB2U package	Trojan.Generic.7282560	
GoToAssist package	Trojan.Generic.8024777	
HTMLprint package	Gen:Variant.Kazy.105958	
Magix package	Generic.Malware.P!Pk!.49C9EF77	
Moorhuhn package	Trojan.Generic.7963743	
MS Windows XP package	Trojan.Generic.7386366	
NeighborsFromHell package	MemScan:Trojan.Generic.7873472	
Notepad package	Gen:Variant.Kazy.148389	
PeBuilder package	Trojan.Generic.8389879	
Presto package	Trojan.Generic.7983102	
Samsung package	Trojan.Generic.7897471	
Shanghai package	Gen:Variant.Zusy.25908	
Sony package	Backdoor.Bot.150499	
T-Mobile package	Trojan.Generic.8038910	



Tierpension package Gen:Tarctox.1

TrueSuite package Trojan.Generic.7962134

eScan had 21 false alarms.

Trend Micro

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	TROJ_SPNR.29K712	
AVIRA package	TROJ_FAKEAV.BMC	
Bitdefender package	TROJ_FAKEAV.BMC	
CounterStrike package	TROJ_SPNR.0BJS11	
DivX package	TROJ_GEN.RCBCELU	
HP package	TROJ_GEN.RCBOHC1	
IndustrieGigant package	TROJ_SPNR.OBIB12	
iTransfer package	TROJ_GEN	
MagicCamera package	TROJ_GEN	
MalwareBytes package	TROJ_FAKEAV.BMC	
Pisa package	TROJ_GEN	
RadCor package	TROJ_GEN	
RegistryDefrag package	TROJ_GEN.FC5CBGL	
RestoreNatur package	TROJ_GEN.RCBZ1JS	
Stranded package	TROJ_GEN	
SuperGranny package	Mal_FakeAV-25	
ToneGenerator package	TROJ_GEN	
Vispa package	TROJ_PACKED.BRO	
WhiteNet package	TROJ_GEN	
XPY package	Cryp_Xed-12	
ZoneAlarm package	TROJ_FAKEAV.BMC	
Z-UpMaker package	TROJ_GEN	

Trend Micro had 22 false alarms.

Symantec

Symantec		
False alarm found in some parts of	Detected as	Supposed prevalence
Amok package	Infostealer.Gampass	
Brockhaus package	WS.Malware.2	
CDDruckerei package	Suspicious.Cloud.7.F	
CerberAV package	Suspicious.Cloud.7.F	
DateCalc package	WS.Malware.2	
DB2EXE package	Trojan.ADH.2	
Divx package	Backdoor.Graybird	
DVDregion package	Suspicious.Cloud.7.F	
Ewido package	Trojan.ADH.2	
GPUTemp package	Suspicious.Cloud.7.F	
L2LC package	Suspicious.MH690.A	
MessageBlocker package	Suspicious.Cloud.7.F	
OEsignup package	Trojan.ADH	
OnlineBillard package	Suspicious.Cloud.7.F	
RestoreNatur package	WS.Malware.2	
TweakXP package	Suspicious.Cloud.7.F	
TWRoute package	Suspicious.Cloud.7.F	



UniversalTranslator package	Suspicious.MH690.A	
UpdateHelper package	WS.Malware.2	
VirtualBox package	Suspicious.MH690.A	
Vispa package	Infostealer.Gampass	
WhiteNet package	Suspicious.Cloud.7.F	
XPY package	Infostealer.Gampass	

Symantec had 23 false alarms.

Panda

False alarm found in some parts of	Detected as	Supposed prevalence
Acer package	Trj/OCJ.A	
Amazon package	Suspicious	
Amok package	Suspicious	
AntiTrojan package	Suspicious	
Babel package	Suspicious	
BonusCD package	Suspicious	
Brockhaus package	Suspicious	
Elevate package	Suspicious	
ETbackup package	Suspicious	
GoogleBAE package	Suspicious	
Kaspersky package	Suspicious	
KeyEditor package	Suspicious	
L2LC package	Suspicious	
Monotone package	Suspicious	
Moorhuhn package	Suspicious	
PeBuilder package	Trj/OCJ.A	
Quiz package	Suspicious	
RadCor package	Trj/Hmir.F	
RenInf package	Suspicious	
RestoreNatur package	Suspicious	
Squid package	Suspicious	
Tiscali package	Suspicious	
Tischlampe package	Suspicious	
Totem package	Suspicious	
VideoFilter package	Suspicious	
Vispa package	Trj/Pupack.A	
WinAmp package	Suspicious	
zBackup package	Suspicious	

Panda had 28 false alarms.

Vipre

False alarm found in some parts of	Detected as	Supposed prevalence
1by1 package	Trojan.Win32.Generic!BT	
Acer package	Trojan.Win32.Generic!BT	
Alice package	Trojan.Win32.Malware.a	
Amazon package	Trojan.FakeAlert	
Amok package	Trojan.Win32.Generic!BT	
Archicrypt package	BehavesLike.Win32.Malware.klt	
AVIRA package	Trojan.Win32.Generic!BT	



CDWriter package	Trojan.Win32.Generic!BT	
Gigabyte package	Trojan.Win32.Generic!BT	
HarryPotter package	Trojan.Win32.Generic!BT	
Kastor package	VirTool.Win32.Obfuscator.hg!b1	
Leopard package	Trojan.Win32.Generic!BT	
LiteStep package	Lookslike.Win32.Sirefef.p	
MindManager package	Trojan.Win32.Generic!BT	
Moorhuhn package	Trojan.Win32.Generic!BT	
Multires package	Trojan.Win32.Generic!BT	
MusicNet package	Trojan.Win32.Generic!BT	
OEconfig package	Trojan.Win32.Generic!BT	
PeBuilder package	Trojan.Win32.Generic!BT	
RestoreNatur package	Trojan.Win32.Generic!BT	
Shanghai package	Trojan.Win32.Generic!BT	
SuperCopier package	Trojan.Win32.Generic!BT	
ThrottleWatch package	Trojan.Win32.Generic!BT	
Trainset package	Trojan.Win32.Generic!BT	
USB package	Trojan.Win32.Generic!BT	
Vispa package	Trojan.Win32.Packer.Upack0.3.9	
WinAmp package	Trojan.Win32.Generic!BT	
Xlice package	Trojan.Win32.Generic!BT	
XPY package	Trojan.Win32.Generic!BT	
zBackup package	Trojan.Win32.Generic!BT	

Vipre had 30 false alarms.

Emsisoft

False alarm found in some parts of	Detected as	Supposed prevalence
Abandon package	Trojan.Win32.Dropper	
AccessIBM package	Trojan.Dropper.Win32.Troman.AMN	
Acer package	Gen:Variant.Kazy.101217	
Anonymizer package	Trojan.Proxy.MUM	
BigSol package	Hoax.Win32.Agent.of	
BotCheck package	Trojan-Downloader.Win32.Banload.a	
BTrix package	Trojan.Win32.Agent.GWYFULY	
Bundy package	Malware.Win32.AMN	
DivFix package	Hoax.Win32.Agent.na	
DivX package	Trojan.Win32.Dropper	
DXFimport package	Gen:Variant.Symmi.10353	
Forte package	Trojan.Win32.KillDisk.dw	
FreeMusicZilla package	Trojan.Win32.Invader.AMN	
GIMP package	Worm.Win32.AutoRun.bjba	
HTMLprint package	Gen:Variant.Kazy.105958	
InkLevel package	Trojan.Win32.Inject.anhg	
iRadioNet package	Trojan.Win32.Agent	
MagicSkin package	Trojan-Banker.Win32.Banker.atta	
MindExplosion package	Trojan.Win32.Dropper	
MS Shared package	Trojan.Win32.Spy.98370	
NeighborsFromHell package	MemScan:Trojan.Generic.7873472	
Nosferatu package	Backdoor.Win32.Shark.AMN	
03Find package	Trojan.Win32.Dlder.a	



OEconfig package	Trojan.Win32.Agent.AMN	
Panoramide package	Trojan.Win32.Dropper	
PicEdit package	Malware.Win32.AMN	
Shanghai package	Gen:Variant.Zusy.25908	
Terratec package	Trojan.Win32.AMN	
TheBestMovie package	Trojan.Win32.Agent.ezcq	
Tierpension package	Gen:Tarctox.1	
TotalRecorder package	P2P-Worm.Win32.Palevo.fjhs.AMN	
TouchAble package	Trojan.Win32.Dropper	
TransMac package	Backdoor.Win32.Agobot.afz	
UpdateHelper package	Trojan-Dropper.Win32.Autoit.fu	
Webswatch package	Malware.Win32.AMN	
WinWD package	Trojan.Win32.Spy.Agent.EDSJXGI	
Xelerator package	Flooder.Win32.Delf.ee	
Zapfer package	Malware.Win32.AMN	

Emsisoft had 38 false alarms. Emsisoft is a new entry in our tests – due to that, it is to expect that their number of false alarms will be lower next time.



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