

How AegisLab Antivirus Can Help App-Store For Malware Protection?

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Introduction

As the tremendous growing of smart phone shipment, more and more users download Apps from different markets via their smart phones easily. According GetJar, there are more than 30 billion download counts in 2011, that means, there are huge potential revenue generated through those simple behaviors. Of course, it is also an obvious target of hackers.

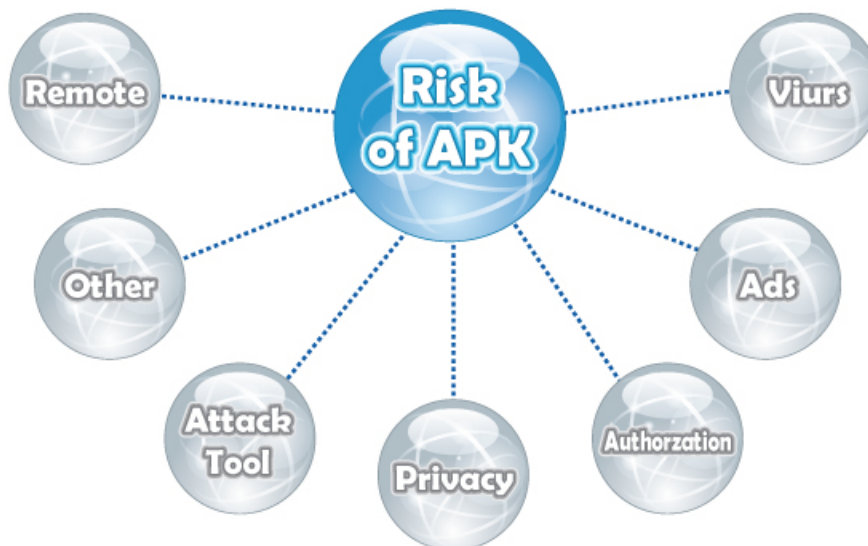
What cyberthreats we are facing now?

Different from iOS, Android is an open platform which encourages developers to put their App on different Android market for users' downloading, and it also results in the potential cyberthreats. According to Digitimes, there are around 500K Android users activate their Android smart phones every day, and the number is still growing quickly.

What are the treats in cyberworld? There are 2 main threats—

1. Malware/Spyware, etc, which will disclose your personal information, such SMS, call history, mail log, even device location, it can be easily monitored by others remotely.
2. Trojan/Re-package, etc, which will remotely control your devices to do something which users do not aware of, such as, send short messages, and which will definitely result in some potential cost.

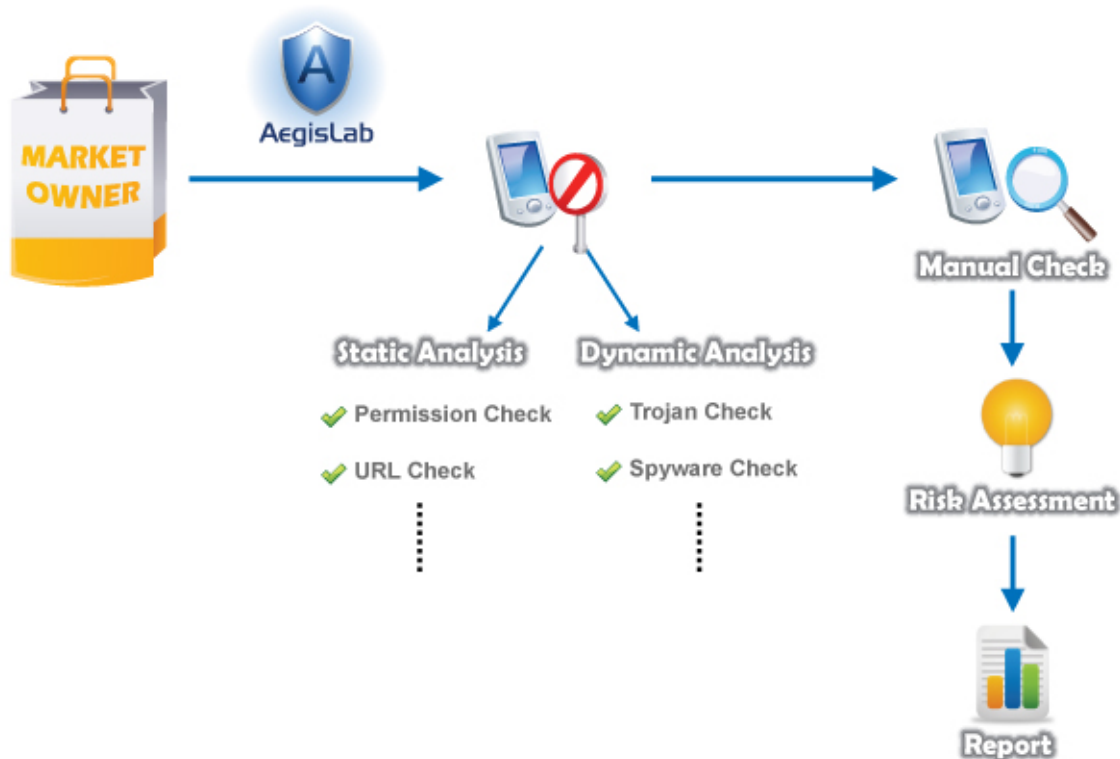
Besides above 2 items, there are still other potential threats as below:



Every different threat is highly risky to innocent users.

What Does AegisLab help?

With AegisLab's expertise in detection & protection of any kind of potential risk in mobileworld, AegisLab provides both static and dynamic analysis and verification procedure to each App, include the users permission, information exposure, detailed description, etc. Then, base on our professional judgment, AegisLab will provide a risk report to address whether there is any potential risk possibility in this App.



What Benefits to App-Store In Cooperating With AegisLab?

Since those potential risks in Apps which might be distributed to different App-Stores, with AegisLab's review mechanism, there are 2 kinds of benefits-

◆ From Technical-Side

- ✓ Help App store owner to review & verify each APK from different developers who will upload to App-Stores
- ✓ Easier & safer judgment to App-Stores because of comprehensive info disclosure after scanning mechanism, keep each downloading safety to users

◆ From Biz-Side

- ✓ Good promotion point for App-Stores– a robust scanning mechanism for each APK, highly different from other Android App-Stores
- ✓ All APKs on App-Stores are high reliable & security, encourage users to execute more services from App-Stores
- ✓ With a safe environment, there should a strong selling point to attract more and more users/developers to join App-Stores

With continuous efforts in mobile security development, AegisLab can also provide security consultant services to App-Store, such as event analysis to specific malware threat or other broadly infection in mobile world.

