Docket #: S13-249

Android Program Analysis Tools

Unlike traditional anti-malware products that enforce one narrow definition of security, this flexible, policy-based Android application management platform enables customized enterprise-specific security, privacy, and compliance policy enforcement. The core technology that makes this next-generation of Android application management possible is an advanced set of static and dynamic analysis tools that summarize program behaviors into actionable behavioral summaries.

Applications

- Security, privacy, compliance, testing

Advantages

- The system improves on existing methods by employing a novel design that enables a scalable and precise analysis. The key design decision is the utilization of an extensive set of annotations and models that eliminates the need to analyze the Android system in-conjunction with an application. This allows the analysis system to perform a deeper analysis on the application alone.

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