

228. PERMISSION ANALYSIS IN LARGE SCALE FRAMEWORK

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In a large scale framework such as Android, the application's developers in order to access certain resources for its operation declare more permissions than actually needed. This creates a path called "permission gap" for malware attack by code injection. Existing system does not categorize the used and the unused permissions. In our proposed system we have created an application to extract the "permission gap" at the level of application or framework by reducing the attack surface of permission based software. Thus, by extracting these unused permissions we provide a secure and reliable application.

Keywords - Large scale framework, permissions, analysis, Android, security, Java, call graph

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