

1. On Vulnerability Evolution in Android Apps

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Abstract: In this work, we reconstruct a set of Android app lineages which each of them represents a sequence of app versions that are historically released for the same app. Then, based on these lineages, we empirically investigate the evolution of app vulnerabilities, which are revealed by well-known vulnerability scanners, and subsequently summarise various interesting findings that constitute a tangible knowledge to the community. (0 refs)

Inspection controlled terms: Android (operating system) - mobile computing - program diagnostics - security of data

Uncontrolled terms: vulnerability evolution - Android app lineages - app vulnerabilities - Android applications - vulnerability scanners

Classification Code: C6190V Mobile, ubiquitous and pervasive computing - C6130S Data security - C6150G Diagnostic, testing, debugging and evaluating systems

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