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# Protection Concepts of Mobile Operating Systems against Malware

The full text is currently only available in the Deutsch version. A translation will follow.

**Archived.** This content is no longer updated. It remains available for reference.

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This project evaluates concepts that mobile operating systems use to protect their users against malware. First, different security approaches used on Android and iOS are explained. Afterwards, static application analysis was used to investigate malware samples. Utilizing dynamic analysis, the runtime behavior of these samples with focus on gathered permissions, access to sensitive data and possibilities on sideloading further code was inspected on Android emulators.