Abstract

Smart phones have been becoming popular and mobile users are increasingly relying on them to store and handle personal information. The intake of smart phone devices for email writing, online bank transactions growing with growth of the smartphone market and accessing other forms of sensitive content has lead to the emergence of a new and ever changing threat. However, recent studies also reveal the disturbing fact that users personal information is put at risk by smart phone applications. Existing mobile privacy approaches are having limitations in their performance in handling these privacy-violating smart phone applications. Android OS(Operating System) supports the third party software development mostly. However, many of these applications accesses private or sensitive data totally negligent which immediately leads to serious privacy concerns. To reduce this problem, the current Android permission rules are much too coarse and incomprehensible from the average users perspective. Mobile users does not understands the meaning of the permissions, so he or she must either accept all of them or waive the application. Privacy Permission Management for Android OS has becomes very important security issue as, the user has only two options when they install new applications – accept the permissions and allow the install, or reject all the terms and exit without installation. So here is the need to design system in the manner which provides security to user's personal information leak and misuse of it should be prevented. This paper
Survey on Privacy Permission Management Approaches for Android OS Applications

provides the study of different approaches of privacy permission management and the outline of all the studied papers.

References

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Index Terms

Computer Science  Information Science

Keywords
Android OS  Privacy Permission Management  security issue etc.