Securities in Android using SELinux

Abstract

With the increase in technology, the current use of mobile phones is increasing with a rigorous amount and so we need to assure that the information stored in our cell phones is secure and is not being misused. The apps when installed in Android do not provide high level security to the information present in our cell phones and thus the implementation of SELinux helps in securing the information more effectively. Android being a Linux based system can support SELinux and thus provide users with a robust Mandatory Access Control (MAC) to ensure full system security. It not only provides flexible security but also helps in reduction of performance overhead only by implementing a limited chip area.

References

5. Han Bing at North China University of Technology,”Analysis and research of system security based on Android “, 5th International Conference of Intelligent computation technology and automation, 2012
7. SELinux/Tutorials/Creating your own policy module file
8. Building a Local Policy Module

**Index Terms**

Computer Science  
Security

**Keywords**

Android, SELinux, Security, Mobile devices, MAC.