Abstract

This paper presents the threats to the Android by using the Loop Hole in the Operating System of Android. Stagefright is the group of software bugs that affect versions 2.2 (“Froyo”) and newer of the Android operating system, allowing an attacker to perform arbitrary operations on the victim’s device through remote code execution and privilege escalation. Stagefright is believed to be the worst Android vulnerability yet discovered. All devices running Android versions Froyo 2.2 to Lollipop 5.1.1 are affected, which are used by approximately 95% of all Android devices, by nearly 1 billion people. Hackers only need to know your phone number to infect your device.
Stagefright: Vulnerabilities, Bug Fixing, Preventive Measures in Android

References

- http://www.androidcentral.com/stagefright
- "How to Protect from StageFright Vulnerability". zimperium.com.
- https://www.engadget.com/2016/03/19/reliable-stagefright-android-exploit/

Index Terms

Computer Science  Security

Keywords

Loop Hole; Operating System; Froyo; Infect