



Integrated Software Platform for Mobile Malware Analysis

George Suciu^{1,3}, Laurentiu Bezdedeau¹, Cristiana Istrate^{1,3}, Mari-Anais Sachian¹,
Houssam Boukoulo², Corentin Boscher², Fabien Souleyreau² and Eduard-Cristian
Popovici³

¹R&D Department, Beia Consult International,
Peroni 16, 041386 Bucharest, Romania
{george, laurentiu.bezdedeau, cristiana.istrate,
proiecte}@beia.ro

²Institut National Polytechnique de Bordeaux,
Avenue du Dr Albert Schweitzer 1, 33400 Talence, France
proiecte@beia.ro

³University POLITEHNICA of Bucharest, ETTI Faculty,
Bucharest, Romania
eduard.popovici@upb.ro

Abstract. With the evolution of technology, we are witnessing the development of mobile terminals that are getting closer to a personal computer in terms of features and applications. At the same time, there is an increase in the number of mobile device users, which also leads to an increase in the use of online shopping or finance management applications. Hence, mobile terminals become a target for cyber criminals. Starting from the analysis of the current situation in the world regarding cyber security technology and solutions, we aim to build an integrating software platform for mobile malware analysis. The aim of the research is to develop a software platform that integrates the malware analysis procedures for most of the existing mobile terminals. So, the main objective of this article is to analyze the quality of cyber-protective solutions for mobile devices. We present our experiments which may bring solutions for some of the major vulnerabilities like active development of mobile malware, and hacking. Moreover, in this article we discuss the issue of security on Android, making use of security platform like Kali which permits to use different kinds of security analysis programs.

Keywords: Malware, cyber security, integrated platform, mobile malware, Kali.



3rd EAI International Conference on Future Access Enablers of
Ubiquitous and Intelligent Infrastructures
12-14 October, 2017

Social Media Cloud Contact Center using Chatbots

Eduard Cristian Popovici
ETTI, University POLITEHNICA of
Bucharest,
Bucharest, Romania
eduard.popovici@upb.ro

George Suci
University Politehnica of Bucharest
Bucharest, Romania
george@beia.ro

Teodora Uşurelu, Adrian Pasat
BEIA Consult International
Research & Development Department
Bucharest, Romania



3rd EAI International Conference on Future Access Enablers of Ubiquitous and
Intelligent Infrastructures

OCTOBER 12-14, 2017 | BUCHAREST, ROMANIA



This event is part of
EAI conference series