Accepted Manuscript



Title: Breaking into the vault: privacy, security and forensic analysis of android vault applications

Author: Xiaolu Zhang, Ibrahim Baggili, Frank Breitinger

PII:	S0167-4048(17)30152-9
DOI:	http://dx.doi.org/doi: 10.1016/j.cose.2017.07.011
Reference:	COSE 1177

To appear in: *Computers & Security*

 Received date:
 12-5-2017

 Revised date:
 21-6-2017

 Accepted date:
 26-7-2017

Please cite this article as: Xiaolu Zhang, Ibrahim Baggili, Frank Breitinger, Breaking into the vault: privacy, security and forensic analysis of android vault applications, *Computers & Security* (2017), http://dx.doi.org/doi: 10.1016/j.cose.2017.07.011.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Breaking into the vault: Privacy, security and forensic analysis of Android vault applications

Xiaolu Zhang^a, Ibrahim Baggili^{a,*}, Frank Breitinger^a

^aCyber Forensics Research & Education Group, Tagliatela College of Engineering, ECECS,

University of New Haven, 300 Boston Post Rd., West Haven, CT, 06516

Biographical Sketch

Xiaolu Zhang Bio

Xiaolu Zhang received his PhD from the Department of Computer Science and Technology, Jilin University, China. Xiaolu's is interested in cyber forensics and reverse engineering. He is currently a postdoctoral researcher and instructor at the University of New Haven's college of Engineering. He received a state scholarship funded by the Chinese Scholarship Council for his one-year research plan at the University of New Haven. He is currently living in Milford, CT with his wife and one-year old son.

Ibrahim Baggili Bio

Dr. Ibrahim (Abe) Baggili is the Elder Family Endowed Chair in Computer Science at the Tagliatela College of Engineering, Department of Computer & Electrical Engineering and Computer Science at the University of New Haven, CT, specializing in Cyber Forensics/Security. He also serves as the Assistant Dean, and is the founder and co-director of the University of New Haven's Cyber Forensics Research and Education Group (<u>UNHcFREG</u>). Abe is also the former editor-in-chief of the Journal of Digital Forensics, Security and Law (JDFSL). Prior to that, he was the director of the Advanced Cyber Forensics Research Laboratory (ACFRL) in the College of Technological Innovation at Zayed University, Abu Dhabi, UAE. He received his BSc in Network Engineering Technology, his MSc in Technology with emphasis in mobile development and finally his PhD all from Purdue University, USA. His PhD area of study was in information

^{*}Corresponding author.

Email addresses: XZhang@newhaven.edu (Xiaolu Zhang), IBaggili@newhaven.edu (Ibrahim Baggili), FBreitinger@newhaven.edu (Frank Breitinger)

URL: http://www.unhcfreg.com (Xiaolu Zhang), http://www.Baggili.com (Ibrahim Baggili), http://www.FBreitinger.de (Frank Breitinger)

Download English Version:

https://daneshyari.com/en/article/4955434

Download Persian Version:

https://daneshyari.com/article/4955434

Daneshyari.com