

Android Security Research

Vorlesung “Secure, Trusted and Trustworthy Computing” Teil I WS 2010/2011

Literatur

- [1] David Barrera, H. Günes Kayacik, P.C. van Oorschot, and Anil Somayaji. A methodology for empirical analysis of permission-based security models and its application to Android. In *ACM CCS' 2010*, Oct 2010.
- [2] Mauro Conti, Vu Thien Nga Nguyen, and Bruno Crispo. Crepe: Context-related policy enforcement for Android. In *ISC 2010: Proceedings of the 13th Information Security Conference*, October 2010.
- [3] Lucas Davi, Alexandra Dmitrienko, Ahmad-Reza Sadeghi, and Marcel Winandy. Privilege escalation attacks on Android. In *ISC 2010: Proceedings of the 13th Information Security Conference*, October 2010.
- [4] William Enck, Peter Gilbert, Byung-Gon Chun, Landon P. Cox, Jaeyeon Jung, Patrick McDaniel, and Anmol N. Sheth. TaintDroid: An information-flow tracking system for realtime privacy monitoring on smartphones. In *Proceedings of the 9th USENIX Symposium on Operating Systems Design and Implementation (OSDI)*, October 2010.
- [5] William Enck, Machigar Ongtang, and Patrick McDaniel. Mitigating Android software misuse before it happens. Technical Report NAS-TR-0094-2008, Pennsylvania State University, Sep 2008.
- [6] William Enck, Machigar Ongtang, and Patrick McDaniel. On lightweight mobile phone application certification. In *ACM CCS '09*, pages 235–245. ACM, 2009.
- [7] William Enck, Machigar Ongtang, and Patrick McDaniel. Understanding Android security. *IEEE Security and Privacy*, 7(1):50–57, 2009.
- [8] Anthony Lineberry, David Luke Richardson, and Tim Wyatt. These aren't the permissions you're looking for. BlackHat USA 2010. <http://dtors.files.wordpress.com/2010/08/blackhat-2010-slides.pdf>, 2010.
- [9] Mohammad Nauman, Sohail Khan, and Xinwen Zhang. Apex: Extending Android permission model and enforcement with user-defined runtime constraints. In *ASIACCS '10: Proceedings of the 5th ACM Symposium on Information, Computer and Communications Security*, pages 328–332, New York, NY, USA, 2010. ACM.
- [10] Jon Oberheide. Android Hax. SummerCon 2010. <http://jon.oberheide.org/files/summercon10-androidhax-jonoberheide.pdf>, June 2010.
- [11] Machigar Ongtang, Kevin Butler, and Patrick McDaniel. Porscha: Policy oriented secure content handling in Android. In *ACSAC'10*, December 2010.

- [12] Machigar Ongtang, Stephen McLaughlin, William Enck, and Patrick McDaniel. Semantically rich application-centric security in Android. In *ACSAC '09*, pages 340–349. IEEE Computer Society, 2009.
- [13] Georgios Portokalidis, Philip Homburg, Kostas Anagnostakis, and Herbert Bos. Paranoid Android: Versatile protection for smartphones. In *ACSAC'10*, December 2010.
- [14] Asaf Shabtai, Yuval Fledel, and Yuval Elovici. Securing Android-powered mobile devices using SELinux. *IEEE Security and Privacy*, 8(3):36–44, 2010.
- [15] Asaf Shabtai, Yuval Fledel, Uri Kanonov, Yuval Elovici, Shlomi Dolev, and Chanan Glezer. Google Android: A comprehensive security assessment. *IEEE Security and Privacy*, 8(2):35–44, 2010.