2013 ACM Cloud Computing Security Workshop (CCSW)

8 November 2013, Berlin

In conjunction with the ACM CCS Conference

http://digitalpiglet.org/nsac/ccsw13

Microsoft

Notwithstanding the latest buzzword (grid, cloud, utility computing, SaaS, etc.), large-scale computing and cloud-like infrastructures are here to stay. The exact form they take is still for the markets to decide, yet one thing is certain: clouds bring with them new deployment models and hence new adversarial threats and vulnerabilities. CCSW brings together researchers and practitioners in all security aspects of outsourced computing, including:

- practical cryptography for cloud security
- secure cloud resource virtualization
- secure data management outsourcing
- practical privacy & integrity for outsourcing
- foundations of cloud-centric threat models
- secure & verifiable computation outsourcing
- remote attestation mechanisms in clouds
- sandboxing and VM-based enforcements
- trust and policy management in clouds
- secure identity management mechanisms
- cloud-aware web service security paradigms
- cloud-centric regulatory compliance
- business & security risk models in the cloud
- cost & usability models and their interaction with security in clouds
- scalability of security in global-size clouds
- trusted computing technology and clouds
- binary analysis of software for remote attestation and cloud protection
- cloud network security (DoS defense, IDS)
- security for cloud programming models
- energy/costs/efficiency of security in clouds

We would like to *especially encourage novel paradigms and controversial ideas* that are not on the above list. The workshop is meant to act as a fertile ground for creative debate and interaction in security-sensitive areas of cloud-impacted computing. Full technical papers are solicited.
Multiple **student stipends** are available to attend CCSW. Preference is given to students with papers.

DATES

- Submissions: **July 26, 2013**
- Author notification: August 23, 2013

KEYNOTE SPEAKERS

- *Daniele Catteddu*, Managing Director
  EMEA Cloud Security Alliance
- *Dr. Marnix Dekker*, Information Security Officer
  European Network and Information Security Agency
- *Slava Kavsan*, Partner Security Development Manager
  Microsoft Azure

ORGANIZATION

PC Chairs
Ari Juels, RSA
Bryan Parno, Microsoft Research

Committee
Giuseppe Ateniese, Johns Hopkins University
Kevin Bowers, RSA Laboratories
Srdjan Capkun, ETH-Zurich
Melissa Chase, Microsoft Research
Haibo Chen, Shanghai Jiao Tong University
George Danezis, Microsoft Research
Anupam Datta, Carnegie Mellon University
David Evans, University of Virginia
Roxana Geambasu, Columbia University
Andreas Haeberlen, University of Pennsylvania
Amir Herzberg, Bar Ilan University
Giles Hogben, Cloud Security Alliance
Trent Jaeger, The Pennsylvania State University
Xuxian Jiang, North Carolina State University
Seny Kamara, Microsoft Research
Farinaz Koushanfar, Rice University
Andres Lagar-Cavilla, GridCentric Inc.
Ruby Lee, Princeton University
David Lie, University of Toronto
Petros Maniatis, Intel Labs
Cristina Nita-Rotaru, Purdue University
Alina Oprea, RSA Labs
Mariana Raykova, IBM Research
Thomas Ristenpart, University of Wisconsin
Ahmad-Reza Sadeghi, TU Darmstadt
Pierangela Samarati, Universita` degli Studi di Milano
Matthias Schunter, Intel Labs
Elaine Shi, University of Maryland
Nigel Smart, University of Bristol, UK
Sean Smith, Dartmouth College
Leendert van Doorn, AMD, Inc.
Yinglian Xie, Microsoft Research Silicon Valley
Dongyan Xu, Purdue University

Steering
Kristin Lauter, *Microsoft*
Adrian Perrig, *Carnegie Mellon University*
Radu Sion, *Stony Brook* (chair)
Gene Tsudik, *UC Irvine*
Moti Yung, *Google and Columbia University*

acm SIGSAC