

Preface

This volume contains papers presented at the 10th International Conference on Security and Privacy in Communication Networks, held in Beijing, China, during September 24–26, 2014. The conference was organized by the Institute of Information Engineering, Chinese Academy of Sciences, China.

The main track received 98 submissions, and after a doubly anonymous review process, 27 regular papers and 17 short papers of high quality were selected. The book also includes 22 papers accepted for four workshops (ATCS, SSS, SLSS, and DAPRO) in conjunction with the conference, 6 doctoral symposium papers, and 8 posters. We were helped by 42 Program Committee members for the main track. In this respect, special thanks are due to the TPC members for their handling of the challenging, heavy, and rewarding task of selecting the papers to be included in the proceedings.

This volume highlights and addresses several key challenges in the area of security and privacy in networks. The papers have been grouped into the following topics:

- Security and Privacy in Wired, Wireless, Mobile, Hybrid, Sensor, and Ad Hoc Networks;
- Network Intrusion Detection and Prevention, Firewalls, and Packet Filters;
- Malware, Botnets, and Distributed Denial of Service;
- Communication Privacy and Anonymity;
- Network and Internet Forensics Techniques;
- Public Key Infrastructures, Key Management, and Credential Management;
- Secure Routing, Naming/Addressing, and Network Management;
- Security and Privacy in Pervasive and Ubiquitous Computing, e.g., RFIDs;
- Security and Privacy for Emerging Technologies: VoIP, Peer-to-Peer and Overlay Network Systems;
- Security and Isolation in Data Center Networks;
- Security and Isolation in Software Defined Networking.

The audience of this volume may include professors, researchers, graduate students, and professionals in the areas of network security, cryptology, information privacy and assurance, as well as network and Internet forensics techniques. The book also addresses administrators, programmers, IT managers, or just readers who cannot protect themselves if they do not know the protection techniques of network and privacy.

January 2015

Jiwu Jing
Mudhakar Srivatsa

International Conference on Security and Privacy in
Communication Networks

10th International ICST Conference, SecureComm 2014,
Beijing, China, September 24-26, 2014, Revised
Selected Papers, Part I

Tian, J.; Jing, J.; Srivatsa, M. (Eds.)

2015, XIX, 635 p. 193 illus. in color., Softcover

ISBN: 978-3-319-23828-9