

Preface

Trusted computing and services comprise one of the most promising and challenging technologies today and is the core technology of cloud computing, which is currently the focus of international competition; its standardization work is the premise and guarantee of the technology's successful application and promotion of the industry. The International Standard Conference on Trustworthy Computing and Services (ISCTCS) 2014 was hosted by the Key Laboratory of Trustworthy Distributed Computing and Service (BUPT), Ministry of Education, and National Software Testing Standards Working Group in order to lay the foundation for the establishment of the Trusted Computing Service Standards Working Group. Scholars, experts, and corporate leaders from around the world had the chance to share ideas on technologies of trustworthy computing and services as well as their evolution, application, and industrialization.

The main topics of this meeting include: architecture for trusted computing system, trusted computing platform, trusted system build, network and protocol security, mobile network security, network survivability and other critical theories, and standard systems; credible assessment, credible measurement and metrics, trusted systems, trusted networks, trusted mobile network, trusted routing, trusted software, trusted operating systems, trusted storage, fault-tolerant computing, and other key technologies; trusted e-commerce and e-government, trusted logistics, trusted Internet of Things, trusted cloud, and other trusted services and applications.

The conference began with an opening ceremony and the conference program featured a welcome speech, six keynote speeches, and two presentations by local and international experts. During the two-day program, all paper presentations were given in four parallel sessions. The conference ended with a closing ceremony. The conference received more than 279 papers, and each paper was carefully reviewed by the Program Committee members. Finally, 51 papers were selected.

On behalf of the Organizing and Program Committees of ISCTCS 2014, we would like to express our appreciation to all authors and attendees for participating in the conference. We also thank the sponsors, Program Committee members, supporting organizations, and helpers for making the conference a success. Without their efforts, the conference would not have been possible.

Finally, we trust everyone who attended enjoyed the conference program and also their stay in Beijing. We firmly look forward to the impact of ISCTCS 2014 in promoting the standardization work of trusted computing and services.

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