

Editor's note: Special Issue on Security and Privacy for Big Data Storage in the Cloud

Published online: 16 August 2017
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Peer-to-Peer Networking and Applications gratefully acknowledges the editorial work of the scholars listed below on the special issue entitled “Security and Privacy for Big Data Storage in the Cloud”:

Mi Wen, Shanghai University of Electric Power, China
Hongwei Li, University of Electronic Science and Technology of China, China
Sastri Kota, SoHum Consultants, USA
Kaoru Ota, Muroran Institute of Technology, Japan

The 11 papers in this issue include:

“General Theory of security and a study of hacker’s behavior in big data era” by **Yixian Yang, Xinxin Niu, Lixiang Li, Haipeng Peng, Jingfeng Ren and Haochun Qi**

“Identity based secure authentication scheme based on quantum key distribution for cloud computing” by **Geeta Sharma and Sheetal Kalra**

“Ownership-hidden group-oriented proofs of storage from pre-homomorphic signatures” by **Yujue Wang, Qianhong Wu, Bo Qin, Xiaofeng Chen, Xinyi Huang and Jungang Lou**

“Protecting lightweight block cipher implementation in mobile big data computing” by **Weidong Qiu, Bozhong Liu, Can Ge, Lingzhi Xu, Xiaoming Tang, and Guozhen Liu**

“Resource allocation in cooperative cognitive radio networks towards secure communications for

maritime big data systems” by **Tingting Yang, Hailong Feng, Chengming Yang, Ruilong Deng, Ge Guo and Tieshan Li**

“Whispers in the cloud storage: A novel cross-user deduplication-based covert channel design” by **Hermine Hovhannisyan, Wen Qi, Kejie Lu, Rongwei Yang, and Jianping Wang**

“VMKDO: Verifiable multi-keyword search over encrypted cloud data for dynamic data-owner” by **Yinbin Miao, Jianfeng Ma, Ximeng Liu, Zhiquan Liu, Limin Shen and Fushan Wei**

“A new randomized message-locked encryption in the standard model” by **Huige Wang, Kefei Chen, Yu Long, Junyao Ye and Liangliang Wang**

“Privacy-aware electricity scheduling for home energy management system” by **Junjie Yang, Gengqiang Huang and Chunjuan Wei**

“DFA-VMP: An efficient and secure virtual machine placement strategy under cloud environment” by **Weichao Ding, Chunhua Gu, Fei Luo, Yaohui Chang, Ulysse Rugwiro, and Xiaoke Li and Geng Wen**

“Efficient privacy-preserving online medical primary diagnosis scheme on naive bayesian classification” by **Xiaoxia Liu, Hui Zhu, Rongxing Lu and Hui Li**