What will the future of cloud computing look like? What are some of the issues professionals, practitioners, and researchers need to address when utilizing cloud services? IEEE Cloud Computing magazine serves as a forum for the constantly shifting cloud landscape, bringing you original research, best practices, in-depth analysis, and timely columns from luminaries in the field.

**THEME ARTICLES**

8 Guest Editors’ Introduction: Balancing Privacy with Legitimate Surveillance and Lawful Data Access
Kim-Kwang Raymond Choo and Rick Sarre

14 Balancing Privacy and Surveillance in the Cloud
Constantinos Macropoulos and Keith M. Martin

Jatinder Singh, Julia Powles, Thomas Pasquier, and Jean Bacon

34 Anonymous Credential-Based Access Control Scheme for Clouds
Xuanxia Yao, Hong Liu, Huansheng Ning, Laurence T. Yang, and Yang Xiang

44 End-to-End Privacy for Open Big Data Markets
Charith Perera, Rajiv Ranjan, and Lizhe Wang
COLUMNS

4 From the Editor in Chief
Ensuring Legal Protections in the Cloud
Mazin Yousif

54 Cloud and the Government
IEEE GovCloud: Making A Difference for Global Governments
Kevin L. Jackson

60 Cloud and the Law
A Cloud-Focused Mobile Forensics Methodology
Quang Do, Ben Martini, and Kim-Kwang Raymond Choo

66 Cloud Economics
The Strategic Value of the Cloud
Joe Weinman

72 Standards Now
Emerging Standards and Organizational Patterns in Cloud Computing
Alan Sill

6 IEEE CS Information
13 Advertising Index