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Released: October 2012

Cloud Computing Service and Deployment Models: Layers and Management

Al Bento (University of Baltimore, USA) and A. K. Aggarwal (University of Baltimore, USA)

With economics as the motivation behind cloud computing, it continues to change the way corporate computing will be done in the future. Therefore a better understanding of the aspects of cloud computing, as well as the influence it has on organizations and management, is essential.

Cloud Computing Service and Deployment Models: Layers and Management presents a collection of diverse perspectives on cloud computing and its vital role in all components of organizations. With its intent to benefit practitioners and industry professionals, this book aims to improve the understanding of cloud computing and tackle related concerns such as change management, security, processing approaches, and more.

Topics Covered:

- Business Process Services
- Change Management in Cloud
- Cloud Computing Taxonomy
- Infrastructure as a Service
- IT Management in the Cloud
- Managing in the Cloud Computing Environment
- Platform as a Service
- Security in Cloud Computing
- Software as a Service

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Al Bento is a Professor and Thompson Chair of MIS at the University of Baltimore and Editor-in-Chief of the Journal of Information Technology Management, a publication of the Association of Management. He was on the faculty of Boston University, Bentley University, California State University, and the founder and Chair of the Special Interest Group in Information Security (SIGSEC) of the Association of Information Systems and the premier MIS international academic society. He holds a M.S. in Computer Science and Systems Engineering and a Ph.D. in Computer Information Systems from UCLA. Prior to his academic career, he worked for nine years at IBM World Trade as Systems Engineer, Budget Manager, and Education and Scientific Affairs Manager. His professional and research focuses on information technology infrastructure (operating systems, networking, Internet, Web, cloud and mobile computing, and technical aspects of security), and management of information and control systems (planning and control systems, budgeting, individual and organizational performance management).

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