

Delivery and Adoption of Cloud Computing Services in Contemporary Organizations

Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing (ASASEHPC) Book Series

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Description:

The ubiquity of technology has not only brought the need for computer knowledge to every aspect of the modern business world; it has also increased our need to safely store the data we are now creating at a rate never experienced before.

Delivery and Adoption of Cloud Computing Services in Contemporary Organizations brings together the best practices for storing massive amounts of data by highlighting ways cloud services can work effectively in production and in real time.

Readers:

This book is an essential reference source for professionals and academics of various disciplines, such as computer science, consulting, information technology, information and communication sciences, healthcare, and finance.

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Topics Covered:

- Application as a Service
- Business Applications
- Cloud Storage
- Infrastructure as a Service
- Mobile Cloud
- Platform as a Service
- Security



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Victor Chang is a Senior Lecturer in Computing at Leeds Beckett University and a Visiting Researcher at University of Southampton. He has been a technical lead in web applications, web services, database, grid, cloud, storage/backup, bioinformatics, financial computing which subsequently have become his research interests. Victor has also successfully delivered many IT projects in Taiwan, Singapore, Australia, and the UK since 1998. Victor is experienced in a number of different IT subjects and has 27 certifications with 97% on average. He completed PGCert (Higher Education, University Greenwich, 2012) and PhD (C.S, University of Southampton, 2013) within four years part-time while working full-time, whereby the distance between his work and research is about 400 miles away. He has over 70 peer-reviewed published papers, including several high-quality journals up-to-date. Victor received BSc and BEng from University of Sydney in 2000, research MPhil from University of Cambridge in 2002. He won £20,000 funding in 2001 and £81,000 funding in 2009. He was involved in part of the £6.5 million project in 2004, part of the £5.6 million project in 2006 and part of a £300,000 project in 2013. Victor is a winner in 2011 European Identity Award in On Premise to Cloud Migration. He was selected to present his research in the House of Commons, UK, in 2011. He won the best student paper in CLOSER 2012. Victor has demonstrated Storage as a Service, Health Informatics as a Service, Financial Software as a Service, Education as a Service, Big Data Processing as a Service, Integration as a Service, Security as a Service, Social Network as a Service and Data Visualization as a Service (Weather Science) in Cloud Computing and Big Data services in both of his practitioner and academic experience. His proposed frameworks have been adopted by numerous organizations. In April 2014 he received 5 certificates in a single international conference. He is the chair of international workshops in Emerging Clouds and Enterprise Security. He is an editor of the Cloud Computing adoption book with IGI Global. He is a reviewer of *International Journal of Information Management*, *Expert Systems with Applications*, *IEEE Transactions on Cloud Computing*, *IEEE Transactions on Services Computing*, *Journal of Internet Services and Applications*, and *Journal of Computing and Information Technology*. He is also a founding Editor-in-Chief in Open Journal of Big Data. He is the Editor of a highly prestigious journal, Future Generation Computer Systems (FGCS). He is a keynote speaker of a few conferences and workshops including the combined CLOSER/WEBIST/ICT4AgeingWell 2015.

Robert J. Walters worked for almost 15 years in commercial banking before leaving to study Mathematics with Computer Science at University of Southampton. After completing his degree, he worked for several years as a software developer before returning to Southampton in 1996. Since then, he has completed his PhD in 2003 and is currently employed as a lecturer in Electronics and Computer Science at University of Southampton.

Gary Wills graduated from the University of Southampton with an Honours degree in Electromechanical Engineering and then a PhD in Industrial Hypermedia systems. He is a Chartered Engineer, a member of the Institute of Engineering Technology, and a Principal Fellow of the Higher Educational Academy. He is also an adjunct professor at the Cape Peninsula University of Technology and a research professor at RLabs. Gary's main research projects revolve around providing people with relevant information in order for them to carry out a task. Gary's research projects focus on System Engineering and applications for industry, medicine and education.