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Handbook of Research on

Securing Cloud-Based Databases with Biometric Applications

Ganesh Chandra Deka and Sambit Bakshi



Handbook of Research on Securing Cloud-Based Databases with Biometric Applications

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Ganesh Chandra Deka (Ministry of Labour and Employment, India) and Sambit Bakshi (National Institute of Technology Rourkela, India)

Cloud technologies have revolutionized the way we store information and perform various computing tasks. With the rise of this new technology, the ability to secure information stored on the cloud becomes a concern.

The **Handbook of Research on Securing Cloud-Based Databases with Biometric Applications** explores the latest innovations in promoting cloud security through human authentication techniques. Exploring methods of access by identification, including the analysis of facial features, fingerprints, DNA, dental characteristics, and voice patterns, this publication is designed especially for IT professionals, academicians, and upper-level students seeking current research surrounding cloud security.

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Ganesh Chandra Deka is working as Assistant Director of Training in DGE&T, MoLE since 2006 (UPSC direct recruitment). He is has done B Tech Computer Engineering from North eastern Hill University, Shillong, India. His previous assignments include Consultant (Computer Science), National Institute of Rural Development, NE Regional Centre (Under the Ministry of Rural Development), Guwahati, Assam, India (2003-2007) and Programmer, World Bank Project at Nowgong Polytechnic, Nagaon, Assam, India (1995-2003). He is a member of the Institution of Engineers (India): AMIE (AM-0970177), Institution of Electronics and Telecommunication Engineers: MIETE (M 181473), and IEEE (Member #92408358). His areas of interest include ICT in rural development, e-governance, cloud computing, data mining, speech processing, and vocational education and training. He has published two books on cloud computing. He has written a chapter for the book "Developing E-Government Projects: Frameworks and Methodologies," edited by Prof. Zaigham Mahmood, for release by IGI Global. He is co-authoring two books likely release in 2014 (IGI Global, USA). As of now, he has published three journal papers (one IEEE Journal). He is Editor-in-Chief of *International Journal of Computing, Communications and Networking* (IJCCN)-ISSN 2319-2720. So far, he has served as Technical Session Chair in seven IEEE international conferences held in India and Technical Chair for three IEEE international conferences. He has published 38 papers in "e-Governance, Cloud Computing, Speech Processing & Data Mining" in various national and IEEE international conferences held in India.



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