Resource Management and Efficiency in Cloud Computing Environments

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

Ashok Kumar Turuk (National Institute of Technology Rourkela, India), Bibhudatta Sahoo (National Institute of Technology Rourkela, India) and Sourav Kanti Addya (National Institute of Technology Rourkela, India)

Description:

Today's advancements in technology have brought about a new era of speed and simplicity for consumers and businesses. Due to these new benefits, the possibilities of universal connectivity, storage and computation are made tangible, thus leading the way to new Internet-of Things solutions.

Resource Management and Efficiency in Cloud Computing Environments is an authoritative reference source for the latest scholarly research on the emerging trends of cloud computing and reveals the benefits cloud paths provide to consumers. Features coverage across a range of relevant perspectives and topics, such as big data, cloud security, and utility computing.

Readers:

This publication is an essential source for researchers, students and professionals seeking current research on the organization and productivity of cloud computing environments.


Topics Covered:

- Big Data
- Cloud Application Services (SaaS)
- Cloud Security
- Hybrid Cloud
- Internet of Things (IoT)
- Private Cloud
- Public Cloud
- Service Oriented Architecture (SOA)
- Utility Computing
- Virtualization Technology

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About the Contributors

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Ashok Kumar Turuk is working as an associate professor in Department of Computer Science and Engineering at National Institute of Technology, Rourkela, India. He obtained his Ph.D. degree in Computer Science and Engineering from Indian Institute of Technology, Kharagpur, India and his M.Tech. and B.Tech. from National Institute of Technology, Rourkela, India. He has more than 18 years of teaching experience in undergraduate and graduate levels in the field of Computer Science and Engineering. His current research area includes Optical Networking, Cloud Computing, and Wireless Sensor Network. He has handled several technical projects.
**Bibhudatta Sahoo** obtained his M. Tech. and Ph.D. degree in Computer Science & Engineering from NIT, Rourkela. He has 24 years of Teaching Experience in undergraduate and graduate level in the field of computer Science & Engineering. He is presently Assistant Professor in the Department of Computer Science & Engineering, NIT Rourkela, INDIA. His technical interests include Data Structures & Algorithm Design, Parallel & Distributed Systems, Networks, Computational Machines, Algorithms for VLSI Design, Performance Evaluation methods and modeling techniques Distributed computing system, Networking algorithms, and Web engineering. He is a member of IEEE & ACM.

**Sourav Kanti Addya** is pursuing Ph.D. in Department of computer science Engg at National Institute of Technology, Rourkela, India. His area of research is cloud computing. He obtained his M. Tech and B. Tech in computer science & Engg form NIT Rourkela, India and West Bengal University of Technology, India respectively. His technical interests include Algorithm Design, Computer Networks, Optimization techniques, Information security and Web Technologies.