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.

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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
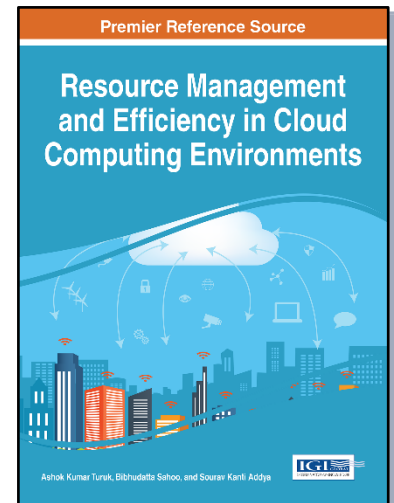
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