

Integration of Cloud Computing and IoT

Trends, Case Studies and Applications

This book presents cutting-edge research, advanced techniques, and practical applications of the integration of Cloud Computing and Internet of Things (IoT). It explores the practical challenges associated with the development and deployment of Cloud Computing and IoT-based solutions, including security, privacy, and interoperability issues. It includes various case studies, including Smart Cities, Network Security, Healthcare, Smart Urban Sensing, Agriculture, Mining, Railways, and Crime Investigations. It offers in-depth insights, developments, and practical applications, showcasing helpful tools and techniques in IoT and Cloud Computing. Key Features • Provide a comprehensive and accessible resource that covers a broad range of topics on the integration of Cloud Computing and IoT. • Shows how Cloud Computing and IoT are applied to various challenging situations. • Covers in-depth inference of Cloud Computing and IoT to real-world issues, which will assist the industrial sector in growth. • Includes discussion of how robust privacy solutions are important to enable effective integration between Cloud Computing and IoT-based applications. • Offers case studies and real-life examples from various sectors, including healthcare, agriculture, mining, smart transport, and underwater communication. The book is a comprehensive guide for professionals, researchers, and students interested in the latest Cloud Computing and IoT developments.



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