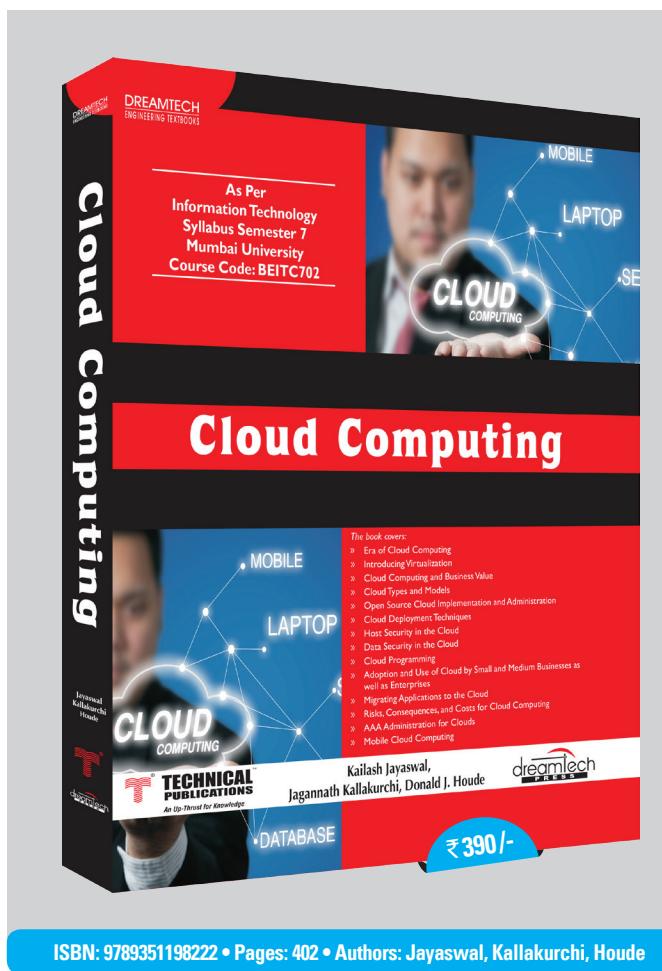


# Cloud Computing

## THE BOOK COVERS

- ↳ Era of Cloud Computing
- ↳ Introducing Virtualization
- ↳ Cloud Computing and Business Value
- ↳ Cloud Types and Models
- ↳ Open Source Cloud Implementation and Administration
- ↳ Cloud Deployment Techniques
- ↳ Host Security in the Cloud
- ↳ Data Security in the Cloud
- ↳ Cloud Programming
- ↳ Adoption and Use of Cloud by Small and Medium Businesses as well as Enterprises
- ↳ Migrating Applications to the Cloud
- ↳ Risks, Consequences, and Costs for Cloud Computing
- ↳ AAA Administration for Clouds
- ↳ Mobile Cloud Computing



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## ABOUT THE BOOK

Bookstores offer numerous choices of books on Cloud Computing; however, most of these books are intricate and complex to grasp. So, what are your chances of picking up the right one? If this question has been troubling you, feel relaxed now! This book, *Cloud Computing*, is a one-time reference book that covers all aspects of cloud computing in an easy-to-understand approach. It covers a variety of topics, such as cloud computing and its comparison with peer-to-peer, client-server, and grid computing; virtualization and its levels; cloud computing services, such as IaaS, PaaS, SaaS, and DBaaS; cloud computing and its business values; myths and truths about cloud computing; cloud types and models, such as private, community, hybrid, and public; opensource eucalyptus and OpenStack cloud application architecture; cloud deployment techniques; recent trends in cloud computing and standards; host security in cloud for SaaS, PaaS, and IaaS; data security in cloud; application architecture for cloud; cloud programming support for Google App engine and Amazon EC2; adoption and use of cloud by small and medium businesses as well as enterprises; migrating applications to the cloud; IT service management for cloud computing; SLAs with cloud service providers; risks, consequences, and costs of cloud computing; AAA administration for clouds; regulatory and compliance requirements for clouds; security as a service; cloud certifications and audits; application development for cloud; application security in a cloud; future of cloud computing; mobile cloud computing and much more. The book explores all these concepts with appropriate examples and case studies—no doubt, every aspect of the book is worth its price.

## KEY FEATURES OF THE BOOK:

- ↳ Provides simple, clear and concise language, which makes the book easy and enjoyable to read.
- ↳ Provides well-structured text and figures wherever required.
- ↳ Includes chapter objectives and advance organizer at the beginning of each chapter to describe what the reader would learn in the chapter.
- ↳ Includes comprehensive and detailed coverage of each topic to meet the requirements of the target audience, including postgraduates, undergraduates, and professionals.

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