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Nota di contenuto	Chapter 1. Towards Performance and Dependability Bench marking of Cloud Computing -- Chapter 2. Big data Security and Privacy Issues in Cloud -- Chapter 3. Resource Allocation in Cloud Computing: Concepts, State of-the-art, and Research Challenges -- Chapter 4. Key management hierarchies for data access control in cloud -- Chapter 5. Accounting models in Cloud Computing -- Chapter 6. Data Analytics in Cloud-A streaming approach -- Chapter 7. Infrastructure Cloud and Performance -- Chapter 8. Cloud Computing for Big Data Analytics -- Chapter 9. Cloud Storage Techniques -- Chapter 10. Identity and Permission Management Challenges for Platform Services in Cloud computing -- Chapter 11. Container-based virtualization and security concerns in them -- Chapter 12. Applications of trusted computing in cloud computing -- Chapter 13. Investigating the possibility of data leakage in time of live VM migration -- Chapter 14. How Cloud Computing Can Transform Businesses? -- Chapter 15. Brokering of Cloud Services -- Chapter 16. Virtualization Security -- Chapter 17.

Sommario/riassunto

This book addresses the emerging area of cloud computing, providing a comprehensive overview of the research areas, recent work and open research problems. The move to cloud computing is no longer merely a topic of discussion; it has become a core competency that every modern business needs to embrace and excel at. It has changed the way enterprise and internet computing is viewed, and this success story is the result of the long-term efforts of computing research community around the globe. It is predicted that by 2026 more than two-thirds of all enterprises across the globe will be entirely run in cloud. These predictions have led to huge levels of funding for research and development in cloud computing and related technologies. Accordingly, universities across the globe have incorporated cloud computing and its related technologies in their curriculum, and information technology (IT) organizations are accelerating their skill-set evolution in order to be better prepared to manage emerging technologies and public expectations of the cloud, such as new services.
