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Nota di contenuto	Chapter 1. Introduction to multilayered cloud computing -- Chapter 2. Trust and Reliability management in cloud -- Chapter 3. Trust evaluation and task scheduling in cloud Infrastructure -- Chapter 4. Trust Modeling in Cloud -- Chapter 5. Trust modeling in cloud workflow scheduling -- Chapter 6. Fault aware task scheduling for high reliability -- Chapter 7. Fault model for workflow scheduling in cloud -- Chapter 8. Tools for Fault and Reliability in Multilayered Cloud -- Chapter 9. Open Issues and Research Problems in multilayered Cloud.
Sommario/riassunto	This book discusses various aspects of cloud computing, in which trust and fault-tolerance models are included in a multilayered, cloud architecture. The authors present a variety of trust and fault models used in the cloud, comparing them based on their functionality and the layer in the cloud to which they respond. Various methods are discussed that can improve the performance of cloud architectures, in terms of trust and fault-tolerance, while providing better performance and quality of service to user. The discussion also includes new algorithms that overcome drawbacks of existing methods, using a

performance matrix for each functionality. This book provide readers with an overview of cloud computing and how trust and faults in cloud datacenters affects the performance and quality of service assured to the users. Discusses fundamental issues related to trust and fault-tolerance in Cloud Computing; Describes trust and fault management techniques in multi layered cloud architecture to improve security, reliability and performance of the system; Includes methods to enhance power efficiency and network efficiency, using trust and fault based resource allocation.
