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Autore	Tanenbaum Andrew S.
Titolo	Distributed systems : principles and paradigms // Andrew S. Tanenbaum, Maarten Van Steen
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ISBN	1-292-03800-4
Edizione	[Second edition, Pearson New International Edition.]
Descrizione fisica	1 online resource (633 pages) : illustrations
Collana	Always learning
Disciplina	004.36
Soggetti	Electronic data processing - Distributed processing Distributed operating systems (Computers)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover -- Table of Contents -- Chapter 1. Introduction -- Chapter 2. Architectures -- Chapter 3. Processes -- Chapter 4. Communication -- Chapter 5. Naming -- Chapter 6. Synchronization -- Chapter 7. Consistency and Replication -- Chapter 8. Fault Tolerance -- Chapter 9. Security -- Chapter 10. Distributed Object-Based Systems -- Chapter 11. Distributed File Systems -- Chapter 12. Distributed Web-Based Systems -- Chapter 13. Distributed Coordination-Based Systems -- Index.
Sommario/riassunto	For courses on Distributed Systems, Distributed Operating Systems, and Advanced Operating Systems focusing on distributed systems, found in departments of Computer Science, Computer Engineering and Electrical Engineering. Very few textbooks today explore distributed systems in a manner appropriate for university students. In this unique text, esteemed authors Tanenbaum and van Steen provide full coverage of the field in a systematic way that can be readily used for teaching. No other text examines the underlying principles - and their applications to a wide variety of practical distributed systems - with this level of depth and clarity.