

1. Record Nr.	UNINA9910459048603321
Autore	Chee Brian J. S.
Titolo	Cloud computing : technologies and strategies of the ubiquitous data center / / Brian J.S. Chee, Curtis Franklin, Jr
Pubbl/distr/stampa	Boca Raton : , : CRC, , 2010
ISBN	0-429-13125-9 1-282-90263-6 9786612902635 1-4398-0617-9
Descrizione fisica	1 online resource (289 p.)
Altri autori (Persone)	FranklinCurtis <1960->
Disciplina	004
Soggetti	Ubiquitous computing Cloud computing - Management Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	An Auerbach book.
Nota di contenuto	Cover; Title; Copyright; Contents; Preface; Acknowledgments; About the Authors; Chapter 1: What Is a Cloud?; Chapter 2: Grids, HPCs, and Clouds; Chapter 3: Virtualization and the Cloud: What's the Difference?; Chapter 4: Applications for Clouds; Chapter 5: Business in the Cloud; Chapter 6: Cloud Providers; Chapter 7: Cloud Issues; Chapter 8: Strategies for Clouds; Chapter 9: Cloud Security; Chapter 10: The Future of the Cloud; Glossary; Index
Sommario/riassunto	Modern computing is no longer about devices but is all about providing services, a natural progression that both consumers and enterprises are eager to embrace. As it can deliver those services, efficiently and with quality, at compelling price levels, cloud computing is with us to stay. Ubiquitously and quite definitively, cloud computing is answering the demand for sophisticated, flexible servicesCloud Computing: Technologies and Strategies of the Ubiquitous Data Center looks at cloud computing from an IT manager's perspective. It answers b

2. Record Nr.	UNINA9910484571003321
Titolo	Handbook of advanced performability engineering / / Krishna B. Misra, editor
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] Â©2021
ISBN	3-030-55732-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XXIV, 809 p. 226 illus., 130 illus. in color.)
Disciplina	620.00452
Soggetti	Reliability (Engineering) Sustainable engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Why Research in Performability Engineering is Essential in the 21st Century -- The Science and Economics of System Sustainment -- Performability Considerations for Next Generation Manufacturing Systems -- Functional Safety and Cybersecurity Analysis and Management in Smart Manufacturing Systems -- On Modelling and Performability Evaluation of Time Varying Communication Networks -- Strategic Directions for Increasing the Performability in Attracting Foreign Direct Investment: An Empirical Study of India -- Evaluation and Design of Performable Distributed Systems -- Network Invariants and Their Use in Performability Analysis -- The Circular Economy and its Benefits to the Society -- Asset Management Journey for Realising Value from Assets -- Dynamic Asset Performance Management -- Characteristics and Key Aspects of Complex Systems in Multistage Interconnection Networks -- A Simple and Accurate Approximation to Renewal Function of Gamma Distribution -- User Personalized Performance Management of Computer Devices -- Risk-Informed Design Verification and Validation Planning Methods for Optimal Product Reliability Improvement -- Information Survivability/Security Under Co-residence Attacks in Cloud Environment -- Data Resilience Under Co-residence Attacks in Cloud Environment -- Stochastic Effort Optimization Analysis for OSS Projects -- Contribution to Global Warming.-New Theory and Index.

This book considers all aspects of performability engineering, providing a holistic view of the activities associated with a product throughout its entire life cycle of the product, as well as the cost of minimizing the environmental impact at each stage, while maximizing the performance. Building on the editor's previous Handbook of Performability Engineering, it explains how performability engineering provides us with a framework to consider both dependability and sustainability in the optimal design of products, systems and services, and explores the role of performability in energy and waste minimization, raw material selection, increased production volume, and many other areas of engineering and production. The book discusses a range of new ideas, concepts, disciplines, and applications in performability, including smart manufacturing and Industry 4.0; cyber-physical systems and artificial intelligence; digital transformation of railways; and asset management. Given its broad scope, it will appeal to researchers, academics, industrial practitioners and postgraduate students involved in manufacturing, engineering, and system and product development.
