1.	Record Nr.	UNINA9911019374803321
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	Titolo	Mobile Edge Computing and Communications : Driving Forces, Technology Foundation, and Application Areas
	Pubbl/distr/stampa	Wiley-IEEE Press [Imprint], March 2024 Hoboken : , : John Wiley & Sons, Incorporated Newark : , : John Wiley & Sons, Incorporated, , 2025 ©2025
	ISBN	9781119611493 1119611490 9781119611592 1119611598 9781119611646 1119611644
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (283 pages)
	Collana	IEEE Press Series
	Altri autori (Persone)	De AlwisChamitha LiyanageMadhusanka
	Disciplina	005.758
	Soggetti	Edge computing Mobile computing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- About the Authors -- Preface -- To Our Readers -- Acknowledgments -- Acronyms -- Part I Introduction and Edge Applications -- Chapter 1 Introduction -- 1.1 Focus of the Book -- 1.2 The Vision of Edge -- 1.3 Stakeholders and Related Paradigms -- Chapter 2 Case for Multi access Edge Computing* -- 2.1 Case for Multiaccess Edge Computing -- 2.1.1 What Is MEC? -- 2.1.2 Why We Need MEC? -- 2.1.3 Evolution of MEC -- 2.2 MEC Reference Architecture -- 2.2.1 Mobile Edge System Level -- 2.2.1.1 User Equipment (UE) and Applications -- 2.2.1.2 Customer Facing Service Portal (CFSP) -- 2.2.1.3 Operation Support System (OSS) -- 2.2.1.4 User Application Lifecycle Management Proxy (UALCMP) -- 2.2.1.5

Mobile Edge Orchestrator (MEO) --   2.2.2 Mobile Edge Host Level --
2.2.2.1 Mobile Edge Host (MEH) --   2.2.2.2 Mobile Edge Platform
Manager (MEPM) --   2.2.2.3 Virtualization Infrastructure Manager
(VIM)

Sommario/riassunto	An up-to-date and comprehensive guide to mobile edge computing and communications Mobile Edge Computing and Communications offers a practical guide to mobile edge computing and communications (MEC). With contributions from noted experts on the topic, the book covers the design, deployment, and operational aspects of this rapidly growing domain. The text provides the information needed to understand the mainstream system architectures and integration methods that have been proposed in MEC. In addition, the book clearly illustrates critical lifecycle functions and stages of MEC, and shows how to deploy MEC in 5G and beyond mobile networks. Comprehensive in scope, the book contains discussions on the challenges and opportunities of mobile edge computing and communications concepts combined with the most relevant emerging applications and services. The authors provide insights for all relative stakeholders of mobile networks such as mobile network operators. This important book: * Provides a comprehensive walkthrough of mobile edge computing and communications * Includes detailed analysis of current edge applications and technology foundation * Presents information on driving forces and future directions of MEC * Provides an authentic source of information from industry experts to drive the future of computing Written for mobile network operators, ICT service developers, academic researchers, undergraduate and graduate students, Mobile Edge Computing and Communications offers a guide to the current and future of MEC that will enable a completely new paradigm for future computing and communications.