1. Record Nr. UNISALENTO991003248779707536 Autore Hofmann, Markus. **Titolo** Content networking [electronic resource]: architecture, protocols, and practice / Markus Hofmann and Leland Beaumont Amsterdam; Boston: Morgan Kaufmann, c2005 Pubbl/distr/stampa **ISBN** 9781558608344 1558608346 Descrizione fisica xiv, 358 p.: ill., maps; 25 cm. Collana The Morgan Kaufmann series in networking Altri autori (Persone) Beaumont, Leland R.author Disciplina 004.6 Soggetti Computer networks Réseaux d'ordinateurs Internet Netwerken Protocollen (informatica) **Techniek** Electronic books. Lingua di pubblicazione Inglese **Formato** Risorsa elettronica Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references (p. 331-344) and index. Nota di contenuto Chapter 1 Introduction -- Chapter 2 Content Transport -- Chapter 3 Caching Techniques for Web Content -- Chapter 4 Caching Techniques for Streaming Media -- Chapter 5 Navigating Content Networks --Chapter 6 Peer-to-Peer Content Networks -- Chapter 7 Interactive Content Delivery - Instant Messaging -- Chapter 8 Beyond Web Surfing Content Services -- Chapter 9 Building Content Networks -- Chapter 10 Standards Efforts -- Chapter 11 Summary and Outlook. Introduction -- Content Transport -- Caching Techniques for Web Content -- Caching Techniques for Streaming Media -- Navigating Content Networks -- Peer-to-Peer Content Networks -- Interactive Content Delivery-Instant Messaging -- Beyond Web Surfing-Content Services -- Building Content Networks -- Standards Efforts --Summary and Outlook. As the Internet has grown, so have the challenges associated with Sommario/riassunto

delivering static, streaming, and dynamic content to end-users. This book is unique in that it addresses the topic of content networking

exclusively and comprehensively, tracing the evolution from traditional web caching to today's open and vastly more flexible architecture. With this evolutionary approach, the authors emphasize the field's most persistent concepts, principles, and mechanisms--the core information that will help you understand why and how content delivery works today, and apply that knowledge in the future. + Focuses on the principles that will give you a deep and timely understanding of content networking. + Offers dozens of protocol-specific examples showing how real-life Content Networks are currently designed and implemented. + Provides extensive consideration of Content Services, including both the Internet Content Adaptation Protocol (ICAP) and Open Pluggable Edge Services (OPES). + Examines methods for supporting time-constrained media such as streaming audio and video and real-time media such as instant messages. + Combines the vision and rigor of a prominent researcher with the practical experience of a seasoned development engineer to provide a unique combination of theoretical depth and practical application.