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Caching Techniques for Streaming Media; 4.4 Case Studies; Chapter 5. Navigating Content Networks; 5.1 The Domain Name System; 5.2 Layer 4-7 Request Switching; 5.3 Global Request Routing; 5.4 Case Studies; Chapter 6. Peer-to-Peer Content Networks  
6.1 What Are Peer-to-Peer Networks? 6.2 Technical Challenges in Peer-to-Peer Networks; 6.3 Case Studies; 6.4 Business Aspects; Chapter 7. Interactive Content Delivery- Instant Messaging; 7.1 Instant Messaging Defined; 7.2 Internet-Based Instant Messaging; 7.3 Convergence; Chapter 8. Beyond Web Surfing- Content Services; 8.1 What Is Driving Content Services?; 8.2 An Architecture for Content Services; 8.3 Example Content Services; 8.4 ICAP-The Internet Content Adaptation Protocol; 8.5 Open Pluggable Edge Services (OPES); 8.6 The Web Services Paradigm  
8.7 Service Personalization and Service Convergence Chapter 9. Building Content Networks; 9.1 Campus and Enterprise Network Example; 9.2 Content Network Provider Example; 9.3 Content Distribution Network Example; Chapter 10. Standards Efforts; 10.1 The Role of Standards; 10.2 Content Networking Standards Bodies; 10.3 Content Networking Standards; Chapter 11. Summary and Outlook; 11.1 Content Networking Architecture Evolution; 11.2 The Future of Content Networking; Appendix-XML Basics; Glossary; RFC References; References; Index

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### Sommario/riassunto

As the Internet has grown, so have the challenges associated with 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.<

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