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Titolo	Data networks [electronic resource] : routing, security, and performance optimization / Tony Kenyon
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A Review of the Basics; Addressing, Naming, and Configuration; Routing Technology; Multicast Network Design; Designing Secure Networks; Designing Reliable Networks; Network Optimization; Quality of Service; Network Management; Appendices: Mathematical Review; DNS Top Level Domain Codes; IP Protocol Numbers; UDP and TCP Port Numbers; Multicast and Broadcast Addresses; EtherType Assignments; Example MTTR Procedures; Index.
Sommario/riassunto	Data Networks builds on the foundation laid in Kenyon's first book, High-Performance Data Network Design, with expanded coverage of routing, security, multicasting, and advanced design topics such as performance optimization and fault tolerance. Kenyon provides strategies for overcoming some of the most challenging problems in network design and management. He provides clear, specific solutions for day-to-day problems facing network designers and IT managers. In this book, you will find optimization advice from an experienced practitioner that you can put to work in your own system. As security and network performance become more and more critical to a company's success, the system administrator's job becomes even more difficult. Use the principles, tips, and techniques Kenyon offers here to

enhance and protect the flow of data within your enterprise. Covers Addressing, Routing, Multicasting, and Quality of Service (QoS) design for enterprise network design. Extensive coverage on relevant Security Technologies and Virtual Private Network (VPN) implementation. Provides advanced coverage on Risk Assessment, Availability Analysis, Fault Tolerance, Disaster Recovery, and Network Optimization.

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