

1. Record Nr.	UNINA9910814703003321
Autore	Seifert Rich <1952->
Titolo	The all-new switch book : the complete guide to LAN switching technology // Rich Seifert, Jim Edwards
Pubbl/distr/stampa	Indianapolis, IN, : Wiley Pub., c2008
ISBN	1-118-08004-1 1-281-74441-7 9786611744410 0-470-40580-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (818 p.)
Altri autori (Persone)	EdwardsJames <1962->
Disciplina	004.68 621.39/84
Soggetti	Local area networks (Computer networks) Internetworking (Telecommunication) Telecommunication - Switching systems Computer network architectures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references (p. 703-709) and index.
Nota di contenuto	The All-New Switch Book: The Complete Guide to LAN Switching Technology, Second Edition; Credits; Contents; Preface; Who Should Read This Book; Introduction; Organization of the Book; A Few Words from the Authors; The Laws of Networking; A Special Bonus for People Who Read Introductions!; A Word of Thanks from Jim; Contact the Author; Part I: Foundations of LAN Switches; Chapter 1: Laying the Foundation; Chapter 2: Transparent Bridges; Chapter 3: Bridging Between Technologies; Chapter 4: Principles of LAN Switches; Chapter 5: Loop Resolution; Chapter 6: Source Routing Part II: Advanced LAN Switch ConceptsChapter 7: Full Duplex Operation; Chapter 8: LAN and Switch Flow Control; Chapter 9: Link Aggregation; Chapter 10: Multicast Pruning; Chapter 11: Virtual LANs: Applications and Concepts; Chapter 12: Virtual LANs: The IEEE Standard; Chapter 13: Priority Operation; Chapter 14: LAN Security; Chapter 15: Switch Management; Chapter 16: Network Troubleshooting Strategies; Chapter 17: Make the Switch!; Appendix: Protocol Parsing;

Frame Format; Decision Flow; References; Glossary; Terms; Acronyms and Abbreviations; Index

Sommario/riassunto

This much-needed update to the bestselling guide on the extensive changes to the local area networks (LAN) switching technologies explains why LAN switching technologies are critical to network design. This in-depth guide covers the capabilities, application, and design of LAN switches and switched internetworks and examines the significant changes that have taken place since the publication of the first edition seven years ago. You're sure to appreciate the witty writing style and easy-to-follow format on such an often-complicated subject matter.
