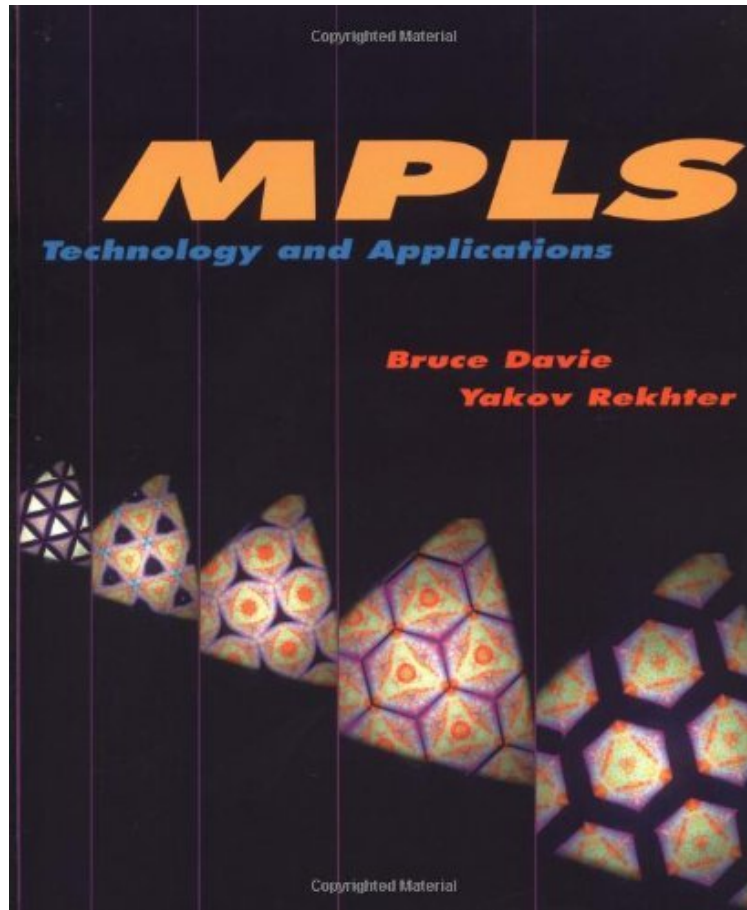



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MPLS: Technology and Applications (Morgan Kaufmann Series in Networking)

Von Bruce S. Davie, Yakov Rekhter
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Von Bruce S. Davie, Yakov Rekhter : MPLS: Technology and Applications (Morgan Kaufmann Series in Networking) before purchasing it in order to gauge whether or not it would be worth my time, and all praised MPLS: Technology and Applications (Morgan Kaufmann Series in Networking):

Kundenrezensionen Hilfreichste Kundenrezensionen 2 von 2 Kunden fanden die folgende Rezension hilfreich. Davie and Rekhter does it again Von JWho can write a better book on mpls than the guys on the forefront of this technology and defining the IETF standards. I was waiting for this sequel ever since the Switching in IP networks book. The details about Toshiba's CSR and IBM's ARIS are narrowed down. Most of the information in the following chapters is pretty much the same as in the previous book but chapter 7 and onwards is a killer. I have not seen such a good explanation of constraint based routing, CSPF calculation and CR-LDP. Armed with this information, relevant RFCs are making whole lotta more sense to me now. Intserv and Diffserv are briefly explained but in a style that makes you say 'aaaah I get it now!' There are some spelling and typos here and there. Signaling is mostly spelled as 'signalling'.

All in all this book is a must have for anyone working on MPLS technology. I'm working on MPLS and keep this book handy at all times. Good job guys! 1 von 1 Kunden fanden die folgende Rezension hilfreich. Excellent Von Brad N. Anyone who has had to plow through an MPLS RFC or draft will be immediately grateful to have this book. Practical examples and meaningful diagrams (ie not just a bunch of "clouds") help the reader gain an intuitive feel of the concepts and mechanisms behind MPLS. Since both authors are Cisco Fellows, I was hoping for more discussion on the Cisco implementation and deployment issues. But, even without that, this book is a great companion to the IETF documents and a definite must-read. 0 von 0 Kunden fanden die folgende Rezension hilfreich. Just what the Doctor Ordered Von Darryl This book is right on target. It covered MPLS from beginning to end and is great for all levels. The authors did a very good job of not delving into vendor specific design or products and RFC-related gory details. This is the only place that explained most of my questions. This is well worth the time and money. Enjoy!

Kurzbeschreibung Multiprotocol Label Switching (MPLS) is now a widely deployed technology, which addresses a variety of issues, including traffic engineering, Quality of Service, Virtual Private Networks, and IP/ATM integration. **MPLS: Technology and Applications** is the first book that provides a detailed analysis of the architecture, protocols, and application of MPLS. Written by experts who personally authored key parts of the standard, this book will enable network operators and designers to determine which aspects of networks would benefit from MPLS. It is also a definitive reference for engineers implementing MPLS-based products. * Covers major applications of MPLS: traffic engineering, VPNs, IP/ATM integration, and QoS * Describes all the major protocols that comprise MPLS, including LDP, RSVP, and CR-LDP * Goes beyond the RFCs to explain how and why key design decisions were made* Provides a complete discussion of constraint-based routing. de A detailed analysis and practical guide to Multiprotocol Label Switching, **MPLS: Technology and Applications** does a good job of explaining why you'd want to deploy MPLS on your network, before it gives you the details on how to go about the task. The authors, two senior Cisco Systems engineers who are involved directly in the development of MPLS standards and equipment, explain the problems that are inherent in providing IP routing service over Asynchronous Transfer Mode (ATM) links, and show how MPLS does its job. Also, they helpfully discuss emerging ways of providing Virtual Private Network (VPN) services with MPLS. Throughout, the focus is on minimizing network traffic, optimizing routing, and generally using the MPLS toolkit to solve otherwise difficult networking problems. This is a book as much about traffic engineering as any specific technology. Coverage suffers a bit from a shortage of flow charts, state diagrams, and conceptual drawings. Readers are expected to decode some very long, very dense passages of text without assistance. On the other hand, they are assumed also to know relatively little. MPLS concepts that are probably new to most readers are explained carefully and connected to more familiar internetworking terms and concepts. This book deals with MPLS comprehensively, adequately preparing the network administrator to implement better traffic management. --David Wall Topics covered: Multiprotocol Label Switching (MPLS), treated comprehensively, both IP-switching and tag-switching approaches to label switching, and the Label Distribution Protocol (LDP). Quality of Service (QoS) and Virtual Private Network (VPN) coverage give the book some practical flavor. Pressestimmen" Written by two of the foremost experts on the subject who illustrate concepts with practical examples of their application. The most authoritative text on MPLS. Highly Recommended! -Daniel Awduche Distinguished Technical Member UUNET (MCI Worldcom) At last a comprehensive presentation of MPLS reflecting its development and usage, this book is a MUST for any Network Engineering Manager contemplating the deployment of MPLS. Monique Jeanne Morrow, IP Engineering Manager, Swisscom AG Davie and Rekhter provide a detailed and unbiased chronology of the evolution of MPLS. Their scientific approach to decomposing various protocols into their fundamental elements is interwoven with a more pragmatic compilation of diagrams, typical networking scenarios, and applications. Provides a solid knowledge base for researchers and operators dedicated to MPLS and its future. Eric Dean, Senior Director, Internetwork Engineering, Global One