MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems)

By Ina Minei, Julian Lucek

MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek

With a foreword by Yakov Rekhter

"Here at last is a single, all encompassing resource where the myriad applications sharpen into a comprehensible text that first explains the whys and whats of each application before going on to the technical detail of the hows."
—**Kireeti Kompella, CTO Junos, Juniper Networks**

The authoritative guide to MPLS, now in its Third edition, fully updated with brand new material!

MPLS is now considered the networking technology for carrying all types of network traffic, including voice telephony, real-time video, and data traffic. In *MPLS-Enabled Applications, Third Edition*, the authors methodically show how MPLS holds the key to network convergence by allowing operators to offer more services over a single physical infrastructure. The Third Edition contains more than 170 illustrations, new chapters, and more coverage, guiding the reader from the basics of the technology, though all its major VPN applications.

MPLS Enabled-Applications contains up-to-date coverage of:

- The current status and future potential of all major MPLS applications, including L2VPN, L3VPN, pseudowires and VPLS.
- A new chapter with up to date coverage of the MPLS transport profile, MPLS-TP.
- MPLS in access networks and Seamless MPLS, the new architecture for extending MPLS into the access, discussed in depth for both the unicast and the multicast case.
- Extensive coverage of multicast support in L3VPNs (mVPNs), explaining and comparing both the PIM/GRE and the next generation BGP/MPLS solutions, and including a new chapter on advanced topics in next generation multicast

VPNs.
- A new chapter on advanced protection techniques, including detailed discussion of 50 ms end-to-end service restoration.
- Comprehensive coverage of the base technology, as well as the latest IETF drafts, including topics such as pseudowire redundancy, VPLS multihoming, IRB and P2MP pseudowires.

MPLS-Enabled Applications will provide those involved in the design and deployment of MPLS systems, as well as those researching the area of MPLS networks, with a thoroughly modern view of how MPLS is transforming the networking world.

"Essential new material for those trying to understand the next steps in MPLS."
—Adrian Farrel, IETF Routing Area Director

"*MPLS-Enabled Applications* takes a unique and creative approach in explaining MPLS concepts and how they are applied in practice to meet the needs of Enterprise and Service Provider networks. I consistently recommend this book to colleagues in the engineering, education and business community."
—Dave Cooper, Chief IP Technologist, Global Crossing Ltd

[⬇ Download](#) [MPLS-Enabled Applications: Emerging Developments a ...pdf](#)

[🗐 Read Online](#) [MPLS-Enabled Applications: Emerging Developments ...pdf](#)

MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems)

By Ina Minei, Julian Lucek

MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek

With a foreword by Yakov Rekhter

"Here at last is a single, all encompassing resource where the myriad applications sharpen into a comprehensible text that first explains the whys and whats of each application before going on to the technical detail of the hows."
—**Kireeti Kompella, CTO Junos, Juniper Networks**

The authoritative guide to MPLS, now in its Third edition, fully updated with brand new material!

MPLS is now considered the networking technology for carrying all types of network traffic, including voice telephony, real-time video, and data traffic. In *MPLS-Enabled Applications, Third Edition*, the authors methodically show how MPLS holds the key to network convergence by allowing operators to offer more services over a single physical infrastructure. The Third Edition contains more than 170 illustrations, new chapters, and more coverage, guiding the reader from the basics of the technology, though all its major VPN applications.

MPLS Enabled-Applications contains up-to-date coverage of:

- The current status and future potential of all major MPLS applications, including L2VPN, L3VPN, pseudowires and VPLS.
- A new chapter with up to date coverage of the MPLS transport profile, MPLS-TP.
- MPLS in access networks and Seamless MPLS, the new architecture for extending MPLS into the access, discussed in depth for both the unicast and the multicast case.
- Extensive coverage of multicast support in L3VPNs (mVPNs), explaining and comparing both the PIM/GRE and the next generation BGP/MPLS solutions, and including a new chapter on advanced topics in next generation multicast VPNs.
- A new chapter on advanced protection techniques, including detailed discussion of 50 ms end-to-end service restoration.
- Comprehensive coverage of the base technology, as well as the latest IETF drafts, including topics such as pseudowire redundancy, VPLS multihoming, IRB and P2MP pseudowires.

MPLS-Enabled Applications will provide those involved in the design and deployment of MPLS systems, as well as those researching the area of MPLS networks, with a thoroughly modern view of how MPLS is transforming the networking world.

"Essential new material for those trying to understand the next steps in MPLS."
—Adrian Farrel, IETF Routing Area Director

"*MPLS-Enabled Applications* takes a unique and creative approach in explaining MPLS concepts and how

they are applied in practice to meet the needs of Enterprise and Service Provider networks. I consistently recommend this book to colleagues in the engineering, education and business community."
—Dave Cooper, Chief IP Technologist, Global Crossing Ltd

MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek Bibliography

- Sales Rank: #600957 in eBooks
- Published on: 2011-06-09
- Released on: 2011-06-09
- Format: Kindle eBook

 Download MPLS-Enabled Applications: Emerging Developments a ...pdf

 Read Online MPLS-Enabled Applications: Emerging Developments ...pdf

Download and Read Free Online MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek

Editorial Review

From the Back Cover
With a foreword by Yakov Rekhter

"Here at last is a single, all encompassing resource where the myriad applications sharpen into a comprehensible text that first explains the whys and whats of each application before going on to the technical detail of the hows."
—**Kireeti Kompella**, CTO Junos, Juniper Networks

The authoritative guide to MPLS, now in its Third edition, fully updated with brand new material!

MPLS is now considered the networking technology for carrying all types of network traffic, including voice telephony, real-time video, and data traffic. In MPLS-Enabled Applications, Third Edition, the authors methodically show how MPLS holds the key to network convergence by allowing operators to offer more services over a single physical infrastructure. The Third Edition contains more than 170 illustrations, new chapters, and more coverage, guiding the reader from the basics of the technology, though all its major VPN applications.

MPLS Enabled-Applications contains up-to-date coverage of:

- The current status and future potential of all major MPLS applications, including L2VPN, L3VPN, pseudowires and VPLS
- A new chapter with up to date coverage of the MPLS transport profile, MPLS-TP
- MPLS in access networks and Seamless MPLS, the new architecture for extending MPLS into the access, discussed in depth for both the unicast and the multicast case
- Extensive coverage of multicast support in L3VPNs (mVPNs), explaining and comparing both the PIM/GRE and the next generation BGP/MPLS solutions, and including a new chapter on advanced topics in next generation multicast VPNs
- A new chapter on advanced protection techniques, including detailed discussion of 50 ms end-to-end service restoration
- Comprehensive coverage of the base technology, as well as the latest IETF drafts, including topics such as pseudowire redundancy, VPLS multihoming, IRB and P2MP pseudowires

*MPLS-Enabled Applications*will provide those involved in the design and deployment of MPLS systems, as well as those researching the area of MPLS networks, with a thoroughly modern view of how MPLS is transforming the networking world.

"Essential new material for those trying to understand the next steps in MPLS."
—**Adrian Farrel**, IETF Routing Area Director

"MPLS-Enabled Applications takes a unique and creative approach in explaining MPLS concepts and how they are applied in practice to meet the needs of Enterprise and Service Provider networks. I consistently recommend this book to colleagues in the engineering, education and business community."
—**Dave Cooper**, Chief IP Technologist, Global Crossing Ltd.

About the Author

Ina Minei is a network protocols engineer at Juniper Networks whose focus is MPLS protocols and applications, DiffServ-aware traffic engineering and network convergence. She has helped to implement these and other features into the JUNOS operating system. She is active in industry forums, has presented MPLS tutorials at the North American Network Operators' Group conference and is a regular contributor to the IETF. She is the author of Juniper Networks' whitepaper on Diffserv-aware traffic engineering. Prior to joining Juniper Networks, she worked for Cisco Systems on the development of a next generation router operating system.

Julian Lucek has worked with the Photonics Research Department at British Telecom where he co-built the world's first all-optical regenerator before moving into the IP field to evaluate new routing platforms. His current post is that of Consulting Engineer for Juniper Networks working with major Service Providers on MPLS deployments. He is the author of many published papers in the field of communications technology and holds several patents in that area.

Users Review

From reader reviews:

Jodi Saldana:

The book with title MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) has lot of information that you can understand it. You can get a lot of gain after read this book. This specific book exist new expertise the information that exist in this e-book represented the condition of the world today. That is important to yo7u to find out how the improvement of the world. This book will bring you with new era of the internationalization. You can read the e-book on your smart phone, so you can read the idea anywhere you want.

Elizabeth Blake:

The actual book MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) has a lot of information on it. So when you make sure to read this book you can get a lot of advantage. The book was published by the very famous author. Mcdougal makes some research ahead of write this book. This kind of book very easy to read you can find the point easily after reading this article book.

Douglas Moskowitz:

A lot of publication has printed but it is unique. You can get it by world wide web on social media. You can choose the most beneficial book for you, science, comedian, novel, or whatever simply by searching from it. It is named of book MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems). You can contribute your knowledge by it. Without leaving behind the printed book, it can add your knowledge and make you actually happier to read. It is most critical that, you must aware about publication. It can bring you from one place to other place.

Judith Ellis:

What is your hobby? Have you heard this question when you got scholars? We believe that that problem was given by teacher for their students. Many kinds of hobby, Everyone has different hobby. And you also know that little person similar to reading or as reading through become their hobby. You need to know that reading is very important and also book as to be the factor. Book is important thing to include you knowledge, except your current teacher or lecturer. You get good news or update concerning something by book. Amount types of books that can you go onto be your object. One of them are these claims MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems).

Download and Read Online MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek #3FWYKMDAU7O

Read MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek for online ebook

MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek books to read online.

Online MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek ebook PDF download

MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek Doc

MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek Mobipocket

MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek EPub

3FWYKMDAU7O: MPLS-Enabled Applications: Emerging Developments and New Technologies (Wiley Series on Communications Networking & Distributed Systems) By Ina Minei, Julian Lucek