



# MPLS Fundamentals

By Luc De Ghein

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## MPLS Fundamentals By Luc De Ghein

A comprehensive introduction to all facets of MPLS theory and practice

- Helps networking professionals choose the suitable MPLS application and design for their network
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MPLS has emerged as the new networking layer for service providers throughout the world. For many service providers and enterprises MPLS is a way of delivering new applications on their IP networks, while consolidating data and voice networks. MPLS has grown to be the new default network layer for service providers and is finding its way into enterprise networks as well. This book focuses on the building blocks of MPLS (architecture, forwarding packets, LDP, MPLS and QoS, CEF, etc.). This book also reviews the different MPLS applications (MPLS VPN, MPLS Traffic Engineering, Carrying IPv6 over MPLS, AToM, VPLS, MPLS OAM etc.).

You will get a comprehensive overview of all the aspects of MPLS, including the building blocks, its applications, troubleshooting and a perspective on the future of MPLS.

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About the Author

**Luc De Ghein**, CCIE No. 1897, is an escalation engineer for Cisco Systems in EMEA. Luc has been in the networking industry for 13 years and has been with Cisco for more than 11 years. He provides escalation support to Cisco engineers worldwide and teaches others about IP routing protocols and MPLS technologies. Luc has been a speaker at several Networkers conferences. During the past seven years, Luc has specialized in the area of MPLS technologies. Before moving to his current position, Luc was a Technical Assistance Center (TAC) customer support engineer for two and a half years, specializing in routing. He has been an escalation engineer for routing and MPLS technologies for more than eight years. Since 1996, Luc has been a Cisco Certified Internetwork Expert (CCIE). He is certified as both a Routing and Switching CCIE and as a Service Provider CCIE.

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