

<<MPLS和VPN体系结构CCIP版>>

图书基本信息

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### 内容概要

本书涵盖了MPLS的理论、配置和网络设计方面的主要内容以及一种主要的MPLS应用——基于MPLS的VPN。

本书通过配置范例、设计和部署指南以及大量的案例研究，阐述了MPLS/VPN的体系结构及其所有的机制；同时介绍了MPLS故障诊断、MPLS/VPN故障诊断，并在每章的最后提供了自测题，以帮助读者准备CCIP MPLS考试。

本书共17章。

第1~7章介绍MPLS技术及其配置，包括帧模式MPLS和信元模式MPLS、在交换式WAN介质上运行帧模式MPLS、高级MPLS主题、MPLS迁移和配置案例研究以及MPLS故障诊断等；第8-17章介绍了基于MPLS的虚拟专网，包括实现虚拟专网的方式、MPLS/VPN体系结构、提供商边缘到客户边缘的连接方式、高级MPLS/VPN拓扑、高级MPLS/VPN主题、MPLS/VPN部署指南、运营商的运营商VPN解决方案、IP隧道技术到MPLS/VPN的迁移案例研究以及MPLS/VPN故障诊断等。

本书是CCIP考生准备MPLS VPN考试的推荐教材，也是理解、设计和部署基于MPLS的VPN的实用指南。

通过阅读本书，可极大地增加CCIP考生通过MPLS VPN考试的机会；而网络工程师和管理员则可以利用本书快速、高效地学习MPLS和VPN技术。

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