

<<局域网与城域网>>

图书基本信息

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内容概要

这本英文原版教材对局域网/城域网技术进行了全面的探讨，既强调了基本原理，也注重在设计局域网/城域网时性能的重要性。

本书还涉及了各种高速和无线局域网、与QoS相关的技术以及网络之间的互联和广域网。

全书包括四个部分。

第一部分提供必要的技术背景，内容包括对数据通信和网络中的一些论题的简要回顾以及对协议与TCP/IP协议栈的介绍。

第二部分讨论局域网的一般性问题，内容包括局域网实现过程中常用的拓扑结构和传输介质、局域网协议体系结构以及LLC的详细内容。

第三部分是本书的重点，主要介绍五种相关类型的局域网，内容包括以太网、令牌环网、光纤信道局域网与无线局域网以及异步传输模式（ATM）局域网。

第四部分讨论有关局域网设计的一些问题，包括用网桥进行局域网互联、网际互联、网络管理及性能考虑等问题。

本书适合高等院校电子、计算机、通信类专业作为双语教学的教材，也适应专业技术人员参考。

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